

BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

For True-up in Petition No 437/GT/2020

IN THE MATTER OF : Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of Mauda Super Thermal Power Station Stage-I (1000 MW) for the period from 01.04.2019 to 31.03.2024 after the trueing up exercise

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Summary of Issues: 2019-24 Truing-up Petition for Mauda Super Thermal Power

Station Stage-I (1000 MW)

(In compliance with GERC notice dated 07.06.2024)

The major highlights of the truing-up Petition for Mauda Super Thermal Power Station Stage-I (1000 MW) for the period 2019-24 are as follows:

1. The present petition is being filed under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of Mauda Super Thermal Power Station, Stage-I (1000 MW) (hereinafter referred as Mauda-I) for the period from 01.04.2019 to 31.03.2024 after the truing up exercise based on actual expenditures for the said period.
2. Mauda-I is located at district Nagpur of Maharashtra. The generating station comprises 02 (two) units of 500 MW capacity each, with date of commercial operation (COD) of Unit-1 as 11.03.2013 and that of Unit-2 as 30.03.2014.
3. The power generated from Mauda-I is being supplied to various discoms as per MoP allocation and respective PPAs including Madhya Pradesh Power Management Company Limited, Maharashtra State Electricity Distribution Company, Gujarat Urja Vikas Nigam Limited, Chhattisgarh State Power Distribution Co. Ltd., Electricity Department - Government of Goa, Dadra and Nagar Haveli and Daman and Diu Power Distribution Corporation Limited (DNHDDPDCL).
4. The tariff for Mauda-I for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 14.11.2022 in Petition No. 437/GT/2020. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check. Further, the Hon'ble Commission vide Order dated 01.05.2024 in Petition No 10/RP/2023 in 393/GT/2020, i.e. Review Petition in the Order issued for truing-up of tariff of the Mauda-I for the period 2014-19, revised the closing capital cost as on 31.03.2019 to Rs 6639,66.60 lakh. It is submitted that the same

may be considered as opening capital cost as on 01.04.2019 for the instant triung-up petition for the 2019-24 period.

5. The tariff of Mauda-I for the tariff period 2019-24 after the triung up exercise based on actual expenditures for the period 2019-24 is annexed with the petition as per provisions of Regulation 13 of CERC Tariff Regulations 2019.
6. It is also pertinent to note that Combustion Modification (CM) System, as part of Emission Control System (ECS), for De-NOx has been commissioned in Unit-1 and Unit-2 of the instant Station w.e.f. 31.03.2021 and 23.12.2021 respectively. The Hon'ble Commission vide Order dated 28.04.2021 in the Petition No 526/MP/2020 had accorded the in-principle approval for installation of ECS in the instant Station including for the said De-NOx system. The supplementary tariff (as per Appendix-I(a) of the instant Petition) on account of the said De-NOx system, in terms of Tariff Regulations 2019, is also annexed with the petition.
7. The actual Additional Capital Expenditure on cash basis for the FY 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24 are Rs 5.75 Cr, Rs 15.70 Cr, Rs 18.97 Cr, Rs (-) 2.41 Cr and Rs 45.03 Cr respectively amounting to total of Rs 83.05 Cr for the 2019-24 period. The same has been depicted year wise in Form 9 of the Appendix-I along with applicable regulations and justification for the claims. Supporting documents wherever applicable have also been annexed in the Petition. It is humbly requested to approve the actual Additional Capital expenditure during the period of 2019-24.
8. The Hon'ble commission vide its order dated 28.10.2022 in petition no 205/MP/2021 has already allowed the Ash transportation expenses for FY 2019-20, 2020-21, and 2021-22. Ash transportation expenses for FY 2022-23 and FY 2023-24 is being claimed along with auditor certificates. It is humbly submitted to allow the Petitioner to recover the additional O&M cost for ash transportation for the FY 2022-23 and FY 2023-24 as per actual. The ash transportation expenses claim has been depicted in Form-3A and Form-3B of Appendix-I.
9. Hon'ble Commission may please allow the claims of water charges, capital spares and security expenses for the instant Station as per actual, as claimed by the Petitioner in Form 3A of Appendix-I.
 - It is pertinent to mention that as per the bipartite water agreement between NTPC Mauda STPS and Govt of Maharashtra, NTPC is mandated to pay water charges as per terms of the said Water Agreement and provisions including

rates of water charges, etc. as per Bulk Water Tariff Orders issued by Maharashtra Water Resources Regulatory Authority (MWRRA) from time to time. It is submitted that water is subject matter under the control of State Government and NTPC has no control over it. It is also an essential input for generation of electricity from a thermal power plant. NTPC is bound to pay the water charges as per the agreement with the State Government. The detailed calculation for the water charges claim on actual basis as per the agreement is submitted in Form 3A, Form 19 and Annexure-A/9. Hon'ble Commission may please accordingly allow the claim of actual water charges paid to the Water Resources Dept., Govt. of Maharashtra. Copy of water agreement between NTPC Mauda STPS and Govt of Maharashtra is enclosed along with the petition at Annexure-A/9.

- It is further mentioned that the Mauda-I is a Central Government owned thermal power station which is of national importance. Safety and security of these nationally important infrastructure projects against any threat perception is a prime concern. The main security of this Central Government owned thermal power station is provided by the Central Industrial Security Force (CISF). CISF is a statutory body set up under an Act of the Parliament of India and a central armed police force in India under the Ministry of Home Affairs (MHA) whose primary role is to provide security to large Central Govt. establishments such as the instant power Station. Deployment of the CISF is done as per the security threat perception, survey and as per the guidelines of MHA. In addition to the CISF, certain security is provided by other regional/ national agencies for critically less sensitive locations as per the Plant specific needs. In view of this, Hon'ble Commission may please allow the claims of security expenses as per actuals as submitted in Form 3A.
- Hon'ble Commission may please allow the claims of Capital spares for the instant station, as claimed by the Petitioner in Form 3A of Appendix-I. It is submitted that details of the year wise capital spares consumed for the 2019-24 period, as issued from the Stores of the Mauda STPS, provided in Form-17, are for the entire Mauda STPS (2320 MW) and have been apportioned between Mauda-I (1000 MW) and Mauda-II (1320 MW) based on installed capacity and accordingly claimed in Form-3A.

In the light of above submission and as per the Petition being filed by the Petitioner for revision of tariff of Mauda Super Thermal Power Station, Stage-I (1000 MW), the Hon'ble Commission may please approve revised tariff after fruing-up for the tariff period 2019-24, including supplementary tariff for De-NOx system, as per provision of Regulation 13 of Tariff Regulations 2019.

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Petitioner: : NTPC Ltd.
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents

1. Madhya Pradesh Power Management Company Limited
Shakti Bhawan,
Vidyut Nagar, Rampur
Jabalpur – 110003
2. Maharashtra State Electricity Distribution Company Limited,
Prakashgad, Bandra (East)
Mumbai – 400051
3. Gujarat Urja Vikas Nigam Limited
2nd Floor, Sardar Patel Vidyut Bhawan,
Race Course, Vadodara – 390007
4. Chattisgarh State Power Distribution Co. Ltd.,
P. O. Sundar Nagar,
Danganiya, Raipur – 492013
5. Electricity Department
Government of Goa,
3rd Floor, Vidyut Bhawan,
Panaji, Goa – 403001

6. Dadra and Nagar haveli and Daman and Diu Power Distribution Corporation Limited (DNHDDPDCL),
1st and 2nd Floor, Vidyut Bhawan, 66 kV Road
Dadra and Nagar Haveli and Daman and Diu –
395230

The Petitioner humbly states that:

- 1) The Petitioner herein NTPC Ltd. (hereinafter referred to as 'Petitioner' or 'NTPC'), is a Government of India Company within the meaning of the Companies Act, 1956. Further, it is a 'Generating Company' as defined under Section 2(28) of the Electricity Act, 2003.
- 2) The Petitioner is having power stations/ projects at different regions and places in the country. Mauda STPS Stage-I (2x500 MW) (hereinafter referred to as **Mauda-I**) is one such station located in the State of Maharashtra.
- 3) The power generated from Mauda-I is being supplied to the respondents mentioned herein above. It is pertinent to mention that consequent to the merger of UTs of Dadra and Nagar Haveli (DNH) and Daman & Diu (DD) the power distribution function was transferred to a new entity, Dadra and Nagar haveli and Daman and Diu Power Distribution Corporation Limited (DNHDDPDCL), with effect from 01.04.2022. Accordingly, DNHDDPDCL has been made a respondent (Respondent No 6) in the instant filing-up petition.
- 4) Section 62 of Electricity Act, 2003 provides for determination of tariff by the Appropriate Commission for supply of electricity by a generating company. The Hon'ble Commission, under Section 79(1)(a) of Electricity Act, 2003, is vested with the jurisdiction to regulate the tariff of the Generating Companies owned or controlled by the Central Government.
- 5) The Hon'ble Commission has notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter 'Tariff Regulations 2019') which came into force from 1.4.2019 and specify the

terms & conditions and methodology of tariff determination for the period from 01.04.2019 to 31.03.2024 under Section 62 & 79 of the Electricity Act, 2003.

- 6) Regulation 9(2) & 9(3) of CERC (Terms & Conditions of Tariff) Regulations 2019 provides as under:

"9. Application for determination of tariff:

"(2) In case of an existing generating station or unit thereof, or transmission system or element thereof, the application shall be made by the generating company or the transmission licensee, as the case may be, by 31.10.2019, based on admitted capital cost including additional capital expenditure already admitted and incurred up to 31.3.2019 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2019-24 along with the true up petition for the period 2014-19 in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014.

"(3) In case of emission control system required to be installed in existing generating station or unit thereof to meet the revised emission standards, an application shall be made for determination of supplementary tariff (capacity charges or energy charge or both) based on the actual capital expenditure duly certified by the Auditor."

- 7) In accordance with the above, Petition No. 437/GT/2020 for determination of tariff for Mauda-I was filed before the Hon'ble Commission based on the admitted cost as on 31.03.2019 and projected estimated additional capital expenditure for the period 01.04.2019 to 31.03.2024.
- 8) The tariff for Mauda-I for the period from 01.04.2019 to 31.3.2024 was determined by the Hon'ble Commission vide order dated 14.11.2022 in Petition No. 437/GT/2020. The capital cost allowed for tariff determination included the projected additional capital expenditure admitted by the Hon'ble Commission after prudence check. It is also pertinent to note that subsequent to the said Order dated 14.11.2022 for 2019-24 period, the Hon'ble Commission vide Order dated 01.05.2024 in Petition No 10/RP/2023 in 393/GT/2020, i.e. Review Petition in the Order issued for true-up of tariff of the Instant Station for the period 2014-19, revised the closing capital cost as on 31.03.2019 to Rs 663965.80 lakh and the same has been taken as opening capital cost as on 01.04.2019 in the instant true-up petition for the 2019-24 period.

- 9) Further, Chapter-3, Regulation 13 of the Tariff Regulations 2019 provides as under:

"(13) Truing up of tariff for the period 2019-24

(1) The Commission shall carry out truing up exercise for the period 2019-24 along with the tariff petition filed for the next tariff period, for the following:

a) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, as admitted by the Commission after prudence check at the time of truing up.

b) the capital expenditure including additional capital expenditure incurred up to 31.3.2024, on account of Force Majeure and Change in Law.

(2) The generating company or the transmission licensee, as the case may be, shall make an application, as per Annexure-1 to these regulations, for carrying out truing up exercise in respect of the generating station or a unit thereof or the transmission system or an element thereof by 30.11.2024.

- 10) It is further submitted that on 07.03.2019, the Hon'ble Commission notified the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2019 (hereinafter referred to as "Tariff Regulations, 2019"). Regulation 29 of the Tariff Regulations 2019 in respect of additional capitalization on account of revised emission standards provides as below.

"29. Additional Capitalization on account of Revised Emission Standards: *(1) A generating company requiring to incur additional capital expenditure in the existing generating station for compliance of the revised emissions standards shall share its proposal with the beneficiaries and file a petition for undertaking such additional capitalization.*

(2) The proposal under clause (1) above shall contain details of proposed technology as specified by the Central Electricity Authority, scope of the work, phasing of expenditure, schedule of completion, estimated completion cost including foreign exchange component, if any, detailed computation of indicative impact on tariff to the beneficiaries, and any other information considered to be relevant by the generating company.

(3) Where the generating company makes an application for approval of additional capital expenditure on account of implementation of revised emission standards, the Commission may grant approval after due consideration of the reasonableness of the cost estimates, financing plan,

schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, and such other factors as may be considered relevant by the Commission.

*(4) After completion of the implementation of revised emission standards, the generating company shall file a petition for determination of tariff. Any expenditure incurred or projected to be incurred and admitted by the Commission after prudence check based on reasonableness of the cost and impact on operational parameters shall form the basis of determination of tariff.**

- 11) It is further submitted that the Petitioner vide Petition No. 526/MP/2020 and vide Emission Control System (ECS) proposal dated 03.09.2020, subsequent to the 1st Amendment to the Tariff Regulations 2019 notified on 25.08.2020, shared the proposal to implement the ECS in the instant station. Hon'ble Commission vide its order dated 28.04.2021 in the Petition No 526/MP/2020 has accorded the in-principle approval for installation of ECS which includes SO₂ removal system i.e. Wet Lime Based Flue Gas Desulphurization (FGD) System and De-NO_x system i.e. Combustion Modification (CM) System.
- 12) It is further submitted that the installation of SO₂ removal system i.e. Wet Lime Based FGD System in the instant Station is presently under construction/ erection. Further, the De-NO_x system i.e. Combustion Modification (CM) System has been implemented and capitalized in Unit-1 of the instant Station, i.e. Mauda-1 on 31.03.2021 and in Unit-2 on 23.12.2021.
- 13) The petitioner humbly submits that the implementation of CM has already been completed in both the units of the instant Station with a total capital cost of Rs 14.56 Cr (on cash basis as on capitalization of CM in Unit-2/ Station), which includes Ex-Manufacturing works /Place of Dispatch Price for Equipment, Local Transportation including inland transit, insurance and other costs, Installation services & Taxes and Duties. Further, the actual capital cost for the said CM system as on 31.03.2024 is Rs 16.77 Cr (on accrual basis). It is pertinent to mention that the Hon'ble Commission vide the said Order dated 21.04.2021 in 526/MP/2020 (para 92) had granted an in-principle approval of

capital cost of Rs 18.28 Cr for installation of CM system in the instant Station. Accordingly, the actual capital cost incurred for the CM system is within the in-principle amount approved by the Hon'ble Commission and therefore, Hon'ble Commission may be pleased to allow the actual capital cost of CM system for approval of supplementary tariff for the instant Station.

- 14) In line with the provisions of Tariff Regulations 2019 as quoted above, the Petitioner is filing this petition for truing up the additional capital expenditure for the control period 2019-24, based on admitted capital cost as on 01.04.2019 and actual capital expenditure incurred during the tariff period from 01.04.2019 to 31.03.2024, and the actual capital expenditure incurred against the De-Nox system i.e. Combustion Modification (CM) System.
- 15) The year-wise actual capital expenditure has been indicated and enclosed as part of **Appendix-I** herewith. In addition to the actual additional capital expenditure as above, discharge of liabilities during the period from 01.04.2019 to 31.03.2024 (year wise) out of the liabilities excluded from capital cost for the works already allowed/ claimed have also been indicated. Further, the tariff forms in respect of De-Nox system i.e. Combustion Modification is attached as **Appendix-I(a)**.
- 16) Further, in accordance with the provisions of the Regulation-31 of Tariff Regulations 2019, for the purpose of computation of the Return on Equity, the base rate has been grossed up with the effective tax rate (MAT) applicable to NTPC at the end of respective financial years for the period 2019-24. The same is indicated in the Form-3 attached at Appendix-I.
- 17) Further, in accordance with the provisions of the Regulation-34 of Tariff Regulations 2019, for the purpose of computation of the Interest on Working Capital, the landed fuel cost (taking into account normative transit and handling losses) and gross calorific value of the fuel as per actual weighted average for the third quarter of FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22 & FY 2022-23 is considered. Also, the rate of interest on working capital is considered at bank rate as on 1st April of each of the financial year

during the tariff period of 2019-24. The same is indicated in the Form-O attached at Appendix-I.

18) It is submitted that some of the loans allocated to this station have been refinanced by taking new loans with lower rate of interest. As per Regulation 61 (1) of Tariff Regulations 2019, the benefits of refinancing of loans has to be shared with the beneficiaries in the ratio of 50:50 (Beneficiaries, Generator). The same has been applied by adjusting the rate of interest of new loans while computing weighted average rate of interest. The adjustment in rate of interest for new loans has been done as illustrated below:

Rate of interest of existing loan: 8.000% (say)

Rate of interest of new loan for refinancing of existing loan: 6.000% (say)

Rate of interest of new loan considered for computing weighted average rate of interest: 7.000

The details with respect to refinancing of loan have been provided under Form-13 of Tariff Forms (Appendix-I).

19) It is further submitted that the Petitioner has filed Appeal(s) in respect of certain disallowed claims by Hon'ble Commission vide earlier Orders. It is humbly submitted that the Petitioner reserves the right to approach this Hon'ble Commission and/or file amended Petition based on the outcome of aforementioned Appeal(s) and/or any subsequent appeal(s).

20) Furthermore, in case of any specific direction from this Hon'ble Commission vide Order dated 14.11.2022 in 437/GT/2020, related to additional capitalization or any other aspect, the same has been duly complied with and suitable justification has been provided by the Petitioner in the instant Truing up Petition.

21) Actual Additional Capitalization from 01.04.2019 to 31.03.2024

It is submitted that Station COD for the instant Station is 30.03.2014 and accordingly as per Tariff Regulations 2009, the cut-off date to complete the works under original scope was 31.03.2017. However, capitalization of certain works pertaining mainly to Main Plant & Offsite civil works and associated

mechanical/ electrical/ C&I works for which completion of civil works was pre-requisite, were delayed beyond cut-off date. Considering the various uncontrollable factors as submitted by the Petitioner, the Hon'ble Commission vide Order dated 14.11.2022 in Petition No 437/GT/2020 for determination of tariff of the instant Station for the period 2019-24, was pleased to allow capitalization of such balance works within the original scope of work in 2019-24 period.

Accordingly, based on projected additional capitalization submitted by the Petitioner, the Hon'ble Commission vide the said Order dated 14.11.2022 allowed additional capitalization on projected basis as follows: Rs 4873.00 lakh for FY 19-20 and Rs 1991.00 lakh for FY 20-21. In comparison to the same, actual additional capitalization (Add Cap) in 2019-24 period, as claimed in the instant triing-up Petition, is summarized below:

(Amount in Rs Lakh)

Sl. No.	Particular	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
1	Projected Add Cap allowed (original scope)	4873.00	1991.00	0.00	0.00	0.00	6864.00
2	Actual Add Cap (cash basis)	636.17	787.25	1482.91	166.53	2124.95	5197.81
3	Actual Discharge of Liability (cash basis)	834.81	1282.91	787.18	168.07	2860.19	5931.15

It is pertinent to note that the claimed additional capitalization on actual basis in the 2019-24 period, as claimed in Form-9 of Appendix-I of the Petition for the respective years, comprises of works under original scope as well as certain other works on account of replacement of assets and change in law or compliance of existing law. The Petitioner has provided detailed justification for these additional capitalizations in Form-9 and the supporting documents annexed as mentioned in Form-9.

Further, specifically with regard to original scope of works, it is submitted that the Petitioner in Petition No 393/GT/2020 for the instant Station (i.e. 2014-19 triing-up petition), vide additional submission dated 16.01.2022, had

submitted that the Revised Cost Estimate (RCE) of the instant Station, i.e. Mauda-I, as of III Qtr. 2014 price level at a cost Rs 7091.42 Crore was approved by the Competent Authority of the Petitioner's company and summary of the same as provided therein is also attached herewith at **Annexure-A/8**. The closing Capital Cost for Mauda-I as claimed in the instant truing up petition as on 31.03.2024 is Rs 6729.27 Cr, which is well within the approved RCE for Mauda-I.

In view of the above, Hon'ble Commission may be pleased to allow the actual additional capitalization for works under original scope, as well as other additional capitalizations claimed as per relevant regulations, in the 2019-24 period, as claimed in the instant truing-up petition.

22) Unrecovered Depreciation till 31.03.2014

i) The Hon'ble Appellate Tribunal vide Judgement dated 13.05.2007 on the issue of "Admissibility of depreciation upto 90% of the value of the assets" had allowed the unpaid portion of the depreciation (because of under recovery of fixed charges due to availability lower than NAPAF) after the plant has lived its designated useful life. The Tribunal observed following:

"In a regulatory cost plus regime all costs have to be reimbursed. Depreciation amount up to 90% being a cost has to be allowed over the life of the plant. If due to underperformance in a particular year the appellant is not able to recover full depreciation allowed in that year and if this denial is forever, it will tantamount to a penalty. In a contract between the appellant and the beneficiaries, only levy of liquidated damages can be permitted. It will, therefore, be enough deterrent for the appellant if the depreciation is not allowed during the year of underperformance. However, the same cannot be denied forever and, therefore, it will be only fair to allow the unpaid portion of the depreciation after the plant has lived its designated useful life. In this view of the matter the GERC needs to examine this aspect as per the aforesaid observations."

ii) Accordingly, the Petitioner vide additional affidavit dated 06.05.2016 in Petition No 328/GT/2014 had provided following details with respect to

unrecovered depreciation till 31.03.2014 for the instant Station, i.e. Mauda-
t;

Sl No.	FY	Target Availability	Annual Availability	AFC for the period	Depreciation included in AFC for the period	Disincentive for the period	Depreciation unrecovered due to disincentive
		(%)	(%)	(Rs Lakh)	(Rs Lakh)	(Rs Lakh)	(Rs Lakh)
1	2012-13 (13.03.2013 to 31.03.2013)	85	3.52	3477.59	783.20	3316.12	747.29
2	2013-14 (01.04.2013 to 29.03.2014)	85	49.65	72769.74	16517.33	25780.18	5882.35
	2013-14 (30.03.2014 to 31.03.2014)	85		744.48	744.48		

23) It is submitted that the Hon'ble Commission may kindly take the above details on record and may be pleased to make it part of the Order to be issued in the instant truing up petition.

24) Water Charges

- i) It is submitted that Hon'ble Commission vide tariff order dated 14.11.2022 in Petition No 437/GT/2020 for the instant Station, at Para 44, has allowed the truing up of water charges, which has been allowed by the Hon'ble Commission in the said order based on actual/projections. Accordingly, the pertinent details for water charges such as allocation of water, the yearly applicable demand of water, the actual water consumption, the rate of water charges and computation of water charges thereby, for the 2019-24 period are being submitted in the instant petition at **Annexure-A/9 (colly)**. Also, a copy of the water agreements, notification for rate of water charges, etc. for 2019-24 period are also placed herewith at **Annexure- A/9(colly)**.

- ii) It is further submitted that in order to have a tie-up of water on long-term basis, the Petitioner entered into an agreement of water with the Vidarbha Irrigation Department Corporation (VIDC), Nagpur, Govt. of Maharashtra, with total sanctioned quantum of 100 Million Cubic Metre (MCM) for the entire Mauda Station (i.e. Mauda-I: 2x500 MW and Mauda-II: 2x660 MW). Accordingly, the water is supplied to Mauda STPS by VIDC, Nagpur from Goshikhurd Dam on river Wainganga.
- iii) Further, Maharashtra Water Resources Regulatory Authority (MWRRA) vide Order No.1/2018 dated 11.01.2018 (annexed as part of **Annexure-A/9 (colly)**), issued pertinent criteria and applicable rates for water charges. As per the same (clause no. 4.0), entities drawing water can provide phase-wise planned water use, in which case levy of water charges shall be based on such phase wise planning, plus nominal commitment charges @ 5% on balance water quantity (i.e. total allocated quantity minus phase-wise planned water use). Also, as per clause 6.0, local cess as decided by the State Govt. shall be applicable over and above the water charges. Further, if actual water use is less than 90% of phase-wise planned quantity, the billing shall be done on the 90% of phase-wise quantity, if actual water use is between 90% to 110% of phase-wise quantity, the actual water use shall be considered at standard rates and if actual water use is more than 110% of planned quantity, the billing of such excess quantity shall be at 1.5 times of standard rate.
- iv) Also, the said MWRRA Order dated 11.01.2018 provides rate of water charges, with provision for 10% annual increase in the water rates with effect from 01.07.2018. Further, vide Notification dated 31.07.2020, Water Resources Dept. (WRD), Govt. of Maharashtra, notified that provisions as per Order dated 11.01.2018 shall continue. Subsequently, MWRRA issued Bulk Water Tariff Order dated 29.03.2022 as per which criteria for water charges remained mostly the same as vide earlier Order dated 11.01.2018, however, the rate of water charges were revised to Rs 11.00 per Cum for

industrial water and to Rs 0.55 per Cum for drinking water in industrial units. Further, clause 6.0 provides for 10% annual increase in water rates with effect from 01.07.2023. It is further pertinent to note that for FY 19-20, total water drawn was charged by WRD, Govt. of Maharashtra at industrial rates only and it was only from FY 20-21 onwards that a separate quantum of drinking water was indicated in the Yearly Agreements signed with WRD and domestic rates for water were applied by WRD on the water consumed for drinking purpose.

- v) Further, the Water Agreement for Mauda STPS was renewed with VIDC Nagpur, Govt. of Maharashtra on 01.01.2018 and the Agreement was in line with the provisions as mentioned above for Bulk Water Tariff Orders issued by MWRRRA. As per the provisions of the said water agreement, the Petitioner can provide 'Yearly Applicable Demand', i.e. estimated quantum of water required in any year derived based on actual consumption experienced during the previous years, etc. The water charges charged correspond to this yearly demand of water plus commitment charges @ 5% of applicable charges payable on total sanctioned quota less the yearly demand of water. Also, as per terms of the Agreement, the Petitioner has to pay Govt. local fund tax/ cess @ 20 paise per every rupee of basic water charges. Accordingly, the Petitioner enters into an yearly supplementary agreement with the VIDC, Nagpur, for yearly demand of water. The quantum of water for the same is indicated in Form-19 of Appendix-I as well as detailed water charges computation provided at **Annexure-A/9 (copy)** herewith. From the same it is evident that the 'Yearly Applicable Demand' of water for Mauda STPS in the 2019-24 period is in the range of 30-35 MCM, i.e. much lesser than the total sanctioned annual quantum of 100 MCM, thereby significantly reducing the burden of water charges on beneficiaries. Furthermore, the Petitioner with effect from 04.06.2021, revised the total sanctioned annual quantum of water to 75 MCM, thereby further reducing the water charges payable to the Govt. of Maharashtra.

- vi) It is further submitted that the water charges claimed by the Petitioner in the instant truing-up Petition are as per the actual water charges paid to the Water Resources Dept, Govt. of Maharashtra in terms of the aforesaid provisions as per the Water Agreement and the Bulk Water Tariff Orders issued by MWRRRA. In view of the same, the Hon'ble Commission may be pleased to allow the water charges as claimed in Form-3A of Appendix-I of the instant truing-up petition.

25) Capital Spares consumption

It is submitted that Hon'ble Commission at para 47 in its order dated 14.11.2022 in petition no. 437/GT/2020 for the instant Station has allowed the consideration of the claim on merits towards capital spares consumption at the time of truing up. Accordingly, the same has been claimed in Form-3A of the attached Appendix-I. The details of the year wise actual capital spares consumed have been provided in Form-17 of the attached Appendix-I. It is prayed before Hon'ble Commission to consider the same and allow the expenditure on capital spares consumption as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations.

26) Security Expenses

It is submitted that in Petition No 437/GT/2020 for the instant station, the Petitioner had claimed security expenses on estimated basis, and the same has been considered by Hon'ble Commission subject to truing up in its order dated 14.11.2022 in Petition No. 437/GT/2020 (para 46 of the said Order). The details of actual security expenses incurred have been provided in Form-3A of the attached Appendix-I. It is prayed before Hon'ble Commission to consider the same and allow the expenditure on security expenses as claimed under Regulation 35(1)(6) of the 2019 Tariff Regulations.

27) Ash Transportation expenses

- (i) It is submitted that Hon'ble Commission vide its order dated 28.10.2022 in Petition No. 205/MP/2021 for recovery of additional expenditure incurred due

to Ash Transportation charges for various Stations of the Petitioner, including the instant Station, held that the same is admissible as additional O&M expenses. The relevant para from the said Order is quoted below:

"29. It is pertinent to mention that the Commission while fixing the O&M expense norms for the 2019-24 tariff period, had not considered/included the expenses incurred on account of transportation of fly ash. Accordingly, we, in exercise of the regulatory power under section 79(1)(a) of the Act, hold that the additional expenditure incurred by the Petitioner towards fly ash transportation cost for the period 2019-24, is admissible as additional O&M expenses, as the same is in terms of the MOEF&GC notifications dated 25.1.2016 and 31.12.2021, as stated in para 25 above."

- (ii) Further, vide the said Order dated 28.10.2022, the Hon'ble Commission allowed the ash transportation expenditure for the period 2019-22 for the Petitioner's Stations, including the instant Station, and held as follows:

"39. Petitioner has furnished the details of the distance to which fly ash has been transported from the generating station, schedule rates applicable for transportation of fly ash, as notified by the State Governments along with details, including Auditor certified accounts. These documents have been examined and accordingly, the total fly ash transportation expenditure allowed to the Petitioner generating station wise for the period 2019-22 is as per the table in para 38 above totalling to Rs.309704.03 lakh and the same shall be recovered from the beneficiaries of the respective generating stations in 6 (six) equal monthly instalments. However, the Petitioner is directed to submit details regarding award of transportation contracts, distance to which fly ash has been transported along with duly reconciled statements of expenditure incurred on ash transportation at the time of filing petitions for fixing up of tariff for the 2019-24 tariff period of the generating stations."

- (iii) Further, for the period 2022-24, the Hon'ble Commission vide the said Order dated 28.10.2022 has allowed monthly billing for ash transportation charges as per below:

"Monthly billing

43. In the light of the above discussion and keeping in view that the Petitioner is entitled for recovery of fly ash transportation charges, under change in law, as additional O&M expenses, we permit the provisional billing at 90% of the fly ash transportation charges incurred by the Petitioner, in respect of its generating stations, for the balance period (i.e. 2022-24), on a monthly basis, based on self-certification, and the beneficiaries shall pay the

same accordingly. This is, however, subject to prudence check of the claims, at the time of truing-up of tariff for the period 2019-24, in respect of the generating stations of the Petitioner, in terms of Regulation 13 of the 2019 Tariff Regulations.

44. We direct that the fly ash transportation cost incurred by the Petitioner, shall be recovered, in proportion to the coal consumed corresponding to the scheduled generation at normative parameters in accordance with the 2019 Tariff Regulations or at actuals, whichever is lower, for the supply of electricity to the respective Discoms. If the actual generation is less than the scheduled generation, the coal consumed for actual generation shall be considered for the purpose of computation of transportation of fly ash. The Petitioners are directed to furnish along with its monthly regular and/or supplementary bill(s), computations duly certified by the auditor, to the Respondent Discoms. The Petitioners and the Respondent Discoms are also directed to carry out reconciliation in respect of the claims, annually and the same is subject to truing-up, in terms of Regulation 13 of the 2019 Tariff Regulations.

Carrying Cost

47. In line with the above decision and since the Petitioner has been permitted to recover the fly ash transportation cost as 'additional O&M expenses', for the period 2019-24, in exercise of the regulatory powers under Section 79(1)(a) of the Act, we permit the recovery of these charges, along with carrying cost, at the rate of interest as specified, in terms of Regulation 10 (7) of the 2019 Tariff Regulations."

It is pertinent to mention here that in compliance to various directives of the Hon'ble commission in petition no 205/MP/2021, the petitioner has already submitted entire set of details/ documents i.e. quantum and distance of ash transported, rate, price discovery mechanism, end user certificates, etc. as well as duly audited statement of ash transportation expenses and revenue from sales of ash for the FY 19-20, FY 20-21 and FY 21-22. Based on the above said submissions of petitioner, the Hon'ble Commission has already decided and allowed the Ash Transportation expenditure for NTPC Stations including the instant Mauda Station for the said period and the petitioner accordingly has billed the same to the beneficiaries. Therefore, it is submitted that the ash transportation expenses for the period FY 2019-22 have achieved finality.

Further, in compliance to directives of the Hon'ble Commission vide order dated 28/10/2022 in petition no 205/MP/2021 (para 43), the petitioner has done monthly billing of ash transportation expenditure @90% of expenditure, provisionally, for the balance period 2022-24.

Now, in view of the abovesaid directions passed by this Hon'ble Commission, the Petitioner is submitting the actual ash transportation cost incurred for the period 2022-24 on actual basis in Form-3A along with the pertinent details at Form-3B of Appendix-I. It is relevant to mention that Form-3A and Form-3B contain details of Ash Transportation for the entire control period of 2019-24 for the sake of brevity/ simplicity. Further, auditor certificate with respect to the same are provided herewith at **Annexure-A/10**.

In view of the above, it is prayed that this Hon'ble Commission may be pleased to allow the ash transportation expenses as claimed in the instant petition.

28) The tariff calculation based on the above & other applicable provisions, in the format provided in the Appendix-I of the Tariff Regulations 2019 is enclosed herewith as Appendix-I & Appendix-I(a).

29) The filing fee for the tariff determination has already been paid for the period from 2019-24 as per provisions of CERC (Payment of Fees) Regulation 2012. Accordingly, no fee is payable along with this petition for revision of tariff.

Prayer

In the light of above submissions and submissions made in respect of the directions of the Hon'ble Commission in its order dated 14.11.2022, the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

- i) Approve revised tariff of **Mauda STPS Stage-I** for the tariff period 2019-24 after true-up as per provision of Regulation 13 of Tariff Regulations 2019.

- ii) Allow the reimbursement of water charges, capital spares, security expenses and ash transportation expenses for the instant station, as claimed by the Petitioner.
- iii) Determine & Approve Supplementary Tariff of Mauda-I for the tariff period from the date of operationalization of the CM System (as part of ECS) in Unit-1, i.e. 31.03.2021 till 31.03.2024.
- iv) Allow Petitioner to bill provisional supplementary tariff based on implementation of CM System in the instant station till the Supplementary tariff is finally determined & approved by the Hon'ble Commission.
- v) Pass any other order as it may deem fit in the circumstances mentioned above.

(Petitioner)

Noida

Date:

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

For True-up in Petition No-437/GT/2020

IN THE MATTER OF



: Petition Under Section 62 and 79 (1) (a) of the Electricity Act, 2003 read with Chapter-III of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 2023 and Chapter-3, Regulation-13 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for revision of tariff of Mauda Super Thermal Power Station Stage-I (1000 MW) for the period from 01.04.2019 to 31.03.2024 after the trueing up exercise.

Petitioner:

: NTPC Ltd
NTPC Bhawan
Core-7, Scope Complex
7, Institutional Area, Lodhi Road
New Delhi-110 003

Respondents:

Attorn
1 Madhya Pradesh Power Management Company Ltd,
Shakti Bhawan, Vidyut Nagar,
Jabalpur 482008

and Others

AFFIDAVIT

I, Sameer Kumar Aggarwal, son of late Shri B K Aggarwal, aged about 51 years, working as Additional General Manager (Commercial) in the office of NTPC Limited, having its registered office at NTPC Bhawan, Scope Complex, Core-7, Lodhi Road, New Delhi-110003 do hereby solemnly affirm and state as under:

6. That the deponent is the Additional General Manager (Commercial) of the Petitioner NTPC Ltd., and is well conversant with the facts and the circumstances of the case and therefore competent to swear this affidavit.



SPA Aggarwal

7. That the accompanying Petition under Section 62 and 79 (1) (a) of the Electricity Act, 2003, has been filed by my authorized representative under my instruction and the contents of the same are true and correct to the best of my knowledge and belief.
8. That the contents of Para No. 1 to 29 as mentioned in the Petition are true and correct based on the my personal knowledge, belief and records maintained in the office.
9. That the annexures annexed to the Petition are correct and true copies of the respective originals.
10. That the Deponent has not filed any other Petition or Appeal before any other forum or court of law with respect to the subject matter of the dispute.

(Handwritten Signature)

(Deponent)

समीर अग्रवाल/SAMEER AGGARWAL
 अवर महाप्रबंधक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी डी सी लिमिटेड /NTPC LIMITED
 EDC, A-8A, Sector-24, Noida-201 301 (U.P.)

Verification:

Verified at Noida on this day of November 2024, that the contents of my above noted affidavit are true and correct to my knowledge and no part of it is false and nothing material has been concealed therefrom.

(Handwritten Signature)

(Deponent)

समीर अग्रवाल/SAMEER AGGARWAL
 अवर महाप्रबंधक (वाणिज्यिक)
 Addl. General Manager (Commercial)
 एन टी डी सी लिमिटेड /NTPC LIMITED
 EDC, A-8A, Sector-24, Noida-201 301 (U.P.)



ATTESTED

(Handwritten Signature)
YOGENDRA SINGH
NOTARY NOIDA
KAGAR (U.P.) INDIA

27 NOV 2024

APPENDIX-I

TARIFF FILING FORMS (THERMAL)

FOR TRUING-UP OF TARIFF

FOR

Mauda STPS Stage-I

(From 01.04.2019 to 31.03.2024)

Checklist of Main Tariff Forms and other information for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Form (Thermal)	Tick
FORM-1	Summary of Tariff	✓
FORM-1 (I)	Statement showing claimed capital cost	✓
FORM-1 (II)	Statement showing Funds on Equity	✓
FORM-2	Plant Characteristics	✓
FORM-3	Nomative parameters considered for tariff computation	✓
FORM-3A**	Statement showing O&M Expenses	✓
FORM-3B**	Details of Ash Transportation expenses	✓
FORM-4	Details of Foreign loans	✓
FORM-4A	Details of Foreign Equity	NA
FORM-5	Abstract of Admitted Capital Cost for the existing Project	✓
FORM-5A**	Abstract of Claimed Capital Cost for the existing Project	✓
FORM-6	Financial Package upto COD	NA
FORM-7	Details of Project Specific Loans	NA
FORM-8	Details of Allocation of corporate loans to various projects	✓
FORM-9A**	Summary of Statement of Additional Capitalization claimed during the period	✓
FORM-9B**	Statement of Additional Capitalization after COD	✓
FORM-10	Financing of Additional Capitalization	✓
FORM-11	Calculation of Depreciation on original project cost	NA
FORM-12	Statement of Depreciation	✓
FORM-13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓
FORM-14	Dear Down Schedule for Calculation of IDC & Financing Charges	NA
FORM-15	Details of Fuel for Computation of Energy Charges	✓
FORM-15A	Details of Secondary Fuel for Computation of Energy Charges	✓
FORM-16	Details of Limestone for Computation of Energy Charge Rate	NA
FORM-17	Details of Capital Spares	✓
FORM-18	Non-Tariff Income	✓
FORM-19	Details of Water Charges	✓
FORM-20	Details of Station Charges	✓

** Provided yearwise for the period 2015-24

PART-I

List of Supporting Forms / documents for tariff filing for Thermal Stations

Form No.	Title of Tariff Filing Form (Thermal)	Tick
FORM-A	Abstract of Capital Cost Estimates	NA
FORM-B	Break-up of Capital Cost for Coal Lignite based projects	NA
FORM-C	Break-up of Capital Cost for Gas Lignite fired based Projects	NA
FORM-D	Break-up of Construction Supply Service packages	NA
FORM-E	Details of variables, parameters, optional package, etc. for New Project	NA
FORM-F	Details of cost over run	NA
FORM-G	Details of time over run	NA
FORM-H	Statement of Additional Capitalization during and at the useful life	NA
FORM-I	Details of Assets De-capitalized during the period	✓
FORM-J	Reconciliation of Capitalization claimed (i)-(ii) both of accounts	✓
FORM-K	Statement showing details of items assets works claimed under Exclusions	✓
Annexure-A**	Year wise statement of Additional Capitalization (claimed & excluded) after COD	✓
Annexure-1A**	Reconciliation of Additional Capitalization with Audited Balance Sheet	✓
FORM-L	Statement of Capital cost	✓
FORM-M	Statement of Capital Work in Progress	✓
FORM-N	Calculation of Interest on Mortgages Loans	✓
FORM-O(i)**	Computation of Energy Charges	✓
FORM-O	Calculation of Interest on Working Capital	✓
FORM-P	Incidental Expenditure up to SCOD and up to Actual COD	NA
FORM-Q	Expenditure under different packages up to SCOD and up to Actual COD	NA
FORM-R	Actual cash expenditure	NA
FORM-S	Statement of Liability flow	✓
FORM-T	Summary of issues involved in the petition	✓

** Additional Forms

List of supporting documents for tariff filing for Thermal Stations

S. No.	Information / Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	NA
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures on COD of the Station for the new station & for the relevant years.	NA
	B. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the existing station for relevant years.	✓
3	Copies of relevant loan Agreements.	NA
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	NA
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	NA
6	Copies of the BPSA/PPA with the beneficiaries, if any.	NA
7	Detailed note giving reasons of cost and time over run, if applicable.	NA
	List of supporting documents to be submitted:	
	a. Detailed Project Report	
	b. CPA Analysis.	
	c. PERT Chart and Bar Chart	
d. Justification for cost and time Overrun.		
8	Generating Company shall submit copy of Cost Audit Report along with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2019-20 and 2020-21 at the time of mid-term true-up in 2021-22 and for balance period of tariff period 2019-24 at the time of final true-up in 2024-25. In case of initial tariff filing the latest available Cost Audit Report should be furnished.	NA
9	Any other relevant information, (Please specify)	NA
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	NA
11	BS&B is maintaining the records as per the relevant applicable Acts. Formats specified herein may not be suitable to the available information with BS&B. BS&B may modify the format suitably as per available information to them for submission of required information for tariff purpose.	NA

Summary of Tariff

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Munda-I
Place (Region/District/State):	Western Region/ Nagpur/ Maharashtra

Amount in Rs. Lakhs

S. No.	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9
1.1	Depreciation	Rs Lakh	33,795.83	33,827.54	33,887.45	33,966.98	34,034.42	34,128.04
1.2	Interest on Loan	Rs Lakh	21,694.68	20,759.59	16,940.21	14,326.51	12,540.52	10,700.89
1.3	Return on Equity	Rs Lakh	39,007.76	37,145.12	37,205.57	37,303.26	37,349.93	37,470.02
1.4	Interest on Working Capital	Rs Lakh	13,373.00	9,244.38	9,036.28	7,689.63	9,319.43	11,726.87
1.5	O&M Expenses	Rs Lakh	21,899.71	29526.60	28365.55	30459.25	33017.27	35890.28
1.6	Special Allowance (If applicable)	Rs Lakh						
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs Lakh						
	Total	Rs Lakh	131770.98	130503.23	125435.07	123745.64	126241.58	129916.10
2.1	Landed Fuel Cost (coal)	Rs/Ton	4524.75	4260.41	4684.22	3630.44	4400.88	5260.72
	(%) of Fuel Quantity	(%)						
2.2	Landed Fuel Cost: Imported Coal							
	(%) of Fuel Quantity							
2.3	Landed Fuel Cost: (coal/gas/RLNG/liquid) other than FSA	Rs/Ton						
	(%) of Fuel Quantity	(%)						
2.4	Landed Fuel Cost Imported Coal other than FSA.							
	(%) of Fuel Quantity							
2.5	Secondary fuel oil cost	Rs/l	71180.270	52677.959	51165.270	49076.450	58352.093	76490.650
2.6	Energy Charge Rate ex-bus (Paise/kWh)	Rs/Unit	3.051	2.945	3.164	2.776	3.394	4.042

Details as per Form-15

(Petitioner)

Name of the Petitioner:	NTPC Limited
Name of the Generating Station:	Mauda-I

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	663966.50	664542.20	666112.64	668009.72	667769.12
2	Add: Addition during the year/period	636.17	787.25	1482.91	166.53	2124.95
3	Less: De-capitalisation during the year/period	895.58	499.72	573.02	573.20	482.10
4	Less: Reversal during the year/period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period	834.81	1282.91	787.18	166.07	2860.19
6	Closing Capital Cost	664542.20	666112.64	668009.72	667769.12	672272.15
7	Average Capital Cost	664254.20	665327.42	667061.18	667889.42	670020.63

Statement showing claimed capital cost eligible for RoE at normal rate (A)

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	663966.50	664542.20	666112.64	668009.72	667769.12
2	Add: Addition during the year/period	636.17	787.25	1482.91	166.53	2124.95
3	Less: De-capitalisation during the year/period	895.58	499.72	573.02	573.20	482.10
4	Less: Reversal during the year/period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period	834.81	1282.91	787.18	166.07	2860.19
6	Closing Capital Cost	664542.20	666112.64	668009.72	667769.12	672272.15
7	Average Capital Cost	664254.20	665327.42	667061.18	667889.42	670020.63

Statement showing claimed capital cost eligible for RoE at weighted average rate of interest on actual loan portfolio (B)

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	0.00	0.00	0.00	0.00
2	Add: Addition during the year/period	0.00	0.00	0.00	0.00	0.00
3	Less: De-capitalisation during the year/period	0.00	0.00	0.00	0.00	0.00
4	Less: Reversal during the year/period	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year/period	0.00	0.00	0.00	0.00	0.00
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00
7	Average Capital Cost	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Mandla-I

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs

S.No	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity					
1	Grass Opening Equity (Normal)	1,87,883.47	1,87,856.09	1,88,327.22	1,91,826.34	1,93,324.18
2	Less- Adjustment in Opening Equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity (Normal)	1,87,883.47	1,87,856.09	1,88,327.22	1,91,826.34	1,93,324.18
5	Add: Increase in equity due to addition during the year / period	190.85	236.18	444.87	42.94	877.48
7	Less: Decrease due to De-capitalisation during the year / period	248.67	149.92	111.90	171.98	144.83
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	230.44	324.87	234.75	48.33	318.09
10	Net closing Equity (Normal)	1,87,856.09	1,92,327.22	1,91,826.34	1,93,324.18	2,00,175.97
11	Average Equity (Normal)	1,87,749.78	1,90,091.65	1,90,071.78	1,92,575.21	1,96,750.02
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782
13	Total ROE	37,148.12	37,106.87	37,303.26	37,349.93	37,470.92

(Petitioner)

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Mauda-I

Statement showing Return on Equity at Wt. Avg. Rate of Interest

Amount in Rs. Lakh

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
	Return on Equity at Wt. Avg. RoI (WAROI)					
1	Gross Opening Equity (@WAROI)	0.00	0.00	0.00	0.00	0.00
2	Less: Adjustment in Opening Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (@WAROI)	0.00	0.00	0.00	0.00	0.00
5	Add: Increase in equity due to addition during the year / period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to De-capitalization during the year / period	0.00	0.00	0.00	0.00	0.00
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (@WAROI)	-	-	-	-	-
11	Average Equity (@WAROI)	0.00	0.00	0.00	0.00	0.00
12	Rate of ROE (%)	9.302	8.641	8.488	8.543	9.297
13	Total ROE	0.00	0.00	0.00	0.00	0.00

(Petitioner)

Plant Characteristics

Name of the Partitioner	NTPC Ltd.	
Name of the Generating Station	Mauda STPS Stage-I	
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II
Installed Capacity (MW)	500	500
Schedule COD as per Investment Approval		
Actual COD /Date of Taken Over (as applicable)	13.03.2013	30.03.2014
Pit Head or Non Pit Head	Non Pit Head	Non Pit Head
Name of the Boiler Manufacture	BHEL	BHEL
Name of Turbine Generator Manufacture	BHEL	BHEL
Main Steams Pressure at Turbine inlet (kg/Cm ²) abs ¹ .	170	170
Main Steam Temperature at Turbine inlet (°C) ¹	537	537
Reheat Steam Pressure at Turbine inlet (kg/Cm ²) ¹	45	45
Reheat Steam Temperature at Turbine inlet (°C) ¹	565	565
Main Steam flow at Turbine inlet under MCR condition (tons /hr) ²	1457.882	1457.882
Main Steam flow at Turbine inlet under VWO condition (tons /hr) ²	1544.9	1544.9
Unit Gross electrical output under MCR /Rated condition (MW) ²	500	500
Unit Gross electrical output under VWO condition (MW) ²	525	525
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh) ³	1832	1832
	0	0
Conditions on which design turbine cycle heat rate guaranteed		
% MCR	100	100
% Makeup Water Consumption	0	0
Design Capacity of Make up Water System	3	3
Design Capacity of Inlet Cooling System m ³ / hr	54000	54000
Design Cooling Water Temperature (°C)	33	33
Back Pressure	0.1047	0.1047
Steam flow at super heater outlet under BMCR condition (tons/hr)	1580	1580
Steam Pressure at super heater outlet under BMCR condition) (kg/Cm ²)	178	178
Steam Temperature at super heater outlet under BMCR condition (°C)	540	540
Steam Temperature at Reheater outlet at BMCR condition (°C)	568	568
Design / Guaranteed Boiler Efficiency (%) ⁴	84.1	84.1
Design Fuel with and without Blending of domestic/imported coal	Domestic	Domestic
Type of Cooling Tower	IDCT	IDCT

Plant Characteristics

Name of the Petitioner	NTPC Ltd.	
Name of the Generating Station	Mauda STPS Stage-I	
Unit(s)/Block(s)/Parameters	Unit-I	Unit-II
Type of cooling system ¹	Closed	Closed
Type of Boiler Feed Pump ²	TDBFP	TDBFP
Fuel Details ⁷		
-Primary Fuel	COAL	COAL
-Secondary Fuel	LDO	LDO
-Alternate Fuels		
Special Features/Site Specific Features ⁸		
Special Technological Features ⁹		
Environmental Regulation related features ¹⁰	ESP	ESP
Any other special features	De-NO _x implemented; Wet Limestone based FGD under implementation	
<p>1. At Turbine MCR condition.</p> <p>2. with 0% (Nil) make up and design Cooling water temperature.</p> <p>3. at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.</p> <p>4. With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put.</p> <p>5. Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.</p> <p>6. Motor driven, Steam turbine driven etc.</p> <p>7. Coal or natural gas or Naptha or lignite etc.</p> <p>8. Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake makeup water systems etc, scrubbers etc.</p> <p>9. Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.</p> <p>10. Environmental Regulation related features like FGD, ESP etc.</p>		
		Petitioner

Normative parameters considered for tariff computations

Name of the Petitioner:		STPC Limited					
Name of the Generating Station:		Munda-I					
		(Year Ending March)					
Particulars:	Unit	Existing 2019-20	2019-20	2020-21	2021-22	2022-23	2023-24
1:	2	3	4	5	6	7	8
Base Rate of Return on Equity (Normal ROE)	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capitalization (ROE @ Wt. Avg. Rate of Interest)	%	-	7.676	7.131	6.988	7.289	7.672
Effective Tax Rate	%	21.5490	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00				
In High Demand Season	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
In Low Demand Season(Off-Peak)	%	-	-	85.00	85.00	85.00	85.00
Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Off-Peak Hours	%	-	-	85.00	85.00	85.00	85.00
Auxiliary Energy Consumption	%	5.75	6.25	6.25	6.25	6.25	6.25
Gross Station Heat Rate:	kCal/kWh	2400.64	2358.84	2358.84	2358.84	2358.84	2358.84
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC1	in Days	60	50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC1	in Months	2	2	2	2	2	2
Fuel Cost for WC2	in Months						
Liquid Fuel Stock for WC2	in Months						
O&M Expenses	Rs lakh/MW	20.43	22.51	23.3	24.12	24.97	25.84
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	20.00	20.00	20.00
Reservables for WC	in Days	60	45	45	45	45	45
Storage capacity of Primary fuel	LMT	10.7			10.7		
SBI 1 Year MCLR plus 350 basis points	%	11.50	12.05	11.25	10.50	10.50	12.00
Blending ratio of domestic coal/imported coal		1.00	1.00	1.00	1.00	1.00	1.00

Note:

(i) The storage capacity of primary fuel as indicated above is for the same Munda Station (2110 MW).

Petitioner

Calculation of O&M Expenses

Name of the Company :		NTPC Limited				
Name of the Power Station :		Mauda-I				
						Amount in Rs. Lakhs
S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	7	8
1	O&M expenses under Reg.35(1)					
1a	Normative	22510.00	23300.00	24120.00	24970.00	25840.00
2	O&M expenses under Reg.35(1)(6)					
2a	Water Charges	974.47	956.40	1118.22	1693.58	2320.50
2b	Security expenses	907.60	878.82	926.56	1007.57	1131.52
2c	Capital Spares	2048.57	1435.56	1493.26	1577.14	1808.87
3	O&M expenses-Ash Transportation	3085.96	1794.77	2801.21	3768.99	4789.40
	Total O&M Expenses	29526.60	28365.55	30459.25	33017.27	35890.29

Note:

- (i) Detailed computation of water charges provided at Annexure-A-9 of the Petition.
(ii) Details w.r.t. Ash Transportation expenses provided at Form-3B.

Petitioner

Statement of Ash Transportation Expenses

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Mauda-II

(Amount in Rs. in Lakh)

S.No.	Particulars	UOM	Opening ash fund as on 01.04.2019	2019-20	2020-21	2021-22	2022-23	2023-24
1	Total Ash Transportation Charges Incurred: Mauda STPS (2320 MW)	Rs Lakh		6,561.04	3,824.72	5,011.83	6,748.33	10,342.57
2	Revenue from sale of Ash: Mauda STPS (2320 MW)	Rs Lakh	-	36.21	25.58	30.33	55.47	57.81
3	Net Ash Transportation Charges: Mauda STPS (2320 MW)	Rs Lakh		6,524.83	3,799.14	5,081.51	6,692.86	10,284.76
4	Net Ash Transportation Charges for Mauda-I (1000 MW) (Pro-rated based on Scheduled Generation)	MW		3,085.96	1,794.77	2,801.21	3,768.99	4,789.40
5	Pro-rated Net Ash Transportation Charges for Mauda-II (1320 MW) (Pro-rated based on Scheduled Generation)	MW		3,438.87	2,004.37	2,280.30	2,923.87	5,495.36

Notes

i) Ash Transportation expenses from FY 19-20 to FY 21-22 were allowed by the Hon'ble Commission vide its order dated 26.10.2022 in Petition No. 206/WP/2021 and have already been billed to the beneficiaries. Also, Hon'ble Commission allowed monthly provisional billing (@90% of expenses) for the period FY 22-23 and FY 23-24, based on which provisional billing to the beneficiaries has been done as per following (auditor certificate provided at Annexure-A/10):

- a) For Mauda-I: Rs 2282.05 lakh for FY 22-23 and Rs 2295.91 lakh for FY 23-24
- b) For Mauda-II: Rs 4427.03 lakh for FY 22-23 and Rs 4929.13 lakh for FY 23-24

Petitioner:

DEPT. OF PUBLIC WORKS							
Statement of Budget of Appropriations to the general fund (partial)							
BY FUND							
Month							
Actual for 2019	1-12-2019	202 + 04	85.77	2,5 + 06	75.81	271 + 86	2,224.7
Actual for 2020	1-12-2020	202 + 04	78.38	2,5 + 06	85.43	271 + 86	2,788.8
Actual for 2021	1-12-2021	202 + 04	79.38	2,5 + 06	87.28	271 + 86	2,971.1
Actual for 2022	1-12-2022	202 + 04	79.33	2,5 + 06	88.78	271 + 86	2,988.3
Actual for 2023	1-12-2023	202 + 04	85.71	2,5 + 06	85.21	271 + 86	2,888.3
Actual for 2024	1-12-2024	202 + 04	85.88	2,5 + 06	87.81	271 + 86	2,978.3

Fiscal Year Starting from 2020	1	2020				2021				2022				2023				
		2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5	
5.00% Gen Bonds 2021																		
General Fund	19-01-2019																	
1-1-2019-2019	19-01-2019	1,625.00	85.77	1,625.00		1,625.00	78.38	1,625.00		1,625.00	79.38	1,625.00		1,625.00	79.38	1,625.00		
1-1-2020-2020	19-01-2020	1,625.00	85.77	1,625.00	2-04-2020	1,625.00	78.38	1,625.00	2-04-2021	1,625.00	79.38	1,625.00	2-04-2022	1,625.00	79.38	1,625.00	2-04-2023	1,625.00
1-1-2021-2021	19-01-2021	1,625.00	85.77	1,625.00														
1-1-2022-2022	19-01-2022	1,625.00	85.77	1,625.00														
1-1-2023-2023	19-01-2023	1,625.00	85.77	1,625.00														
1-1-2024-2024	19-01-2024	1,625.00	85.77	1,625.00														
GRAND TOTAL	1-12-2024	1,625.00	78.38	1,625.00	2,025.00	1,625.00	78.38	1,625.00	2,025.00	1,625.00	79.38	1,625.00	2,025.00	1,625.00	79.38	1,625.00	2,025.00	1,625.00

Fiscal Year Starting from 2020	1	2020				2021				2022				2023				
		2	3	4	5	2	3	4	5	2	3	4	5	2	3	4	5	
4.75% Bonds 2020																		
General Fund	19-01-2019																	
1-1-2019-2019	19-01-2019	420.24	85.77	420.24		420.24	78.38	420.24		420.24	79.38	420.24		420.24	79.38	420.24		
1-1-2020-2020	19-01-2020	420.24	85.77	420.24	2-04-2020	420.24	78.38	420.24	2-04-2021	420.24	79.38	420.24	2-04-2022	420.24	79.38	420.24	2-04-2023	420.24
1-1-2021-2021	19-01-2021	420.24	85.77	420.24														
1-1-2022-2022	19-01-2022	420.24	85.77	420.24														
1-1-2023-2023	19-01-2023	420.24	85.77	420.24														
1-1-2024-2024	19-01-2024	420.24	85.77	420.24														
GRAND TOTAL	1-12-2024	420.24	78.38	420.24	1,680.96	420.24	78.38	420.24	1,680.96	420.24	79.38	420.24	1,680.96	420.24	79.38	420.24	1,680.96	420.24

Fiscal Year Starting from 2020	1	2020			
		2	3	4	5
ISL New York					
General Fund	19-01-2019				
1-1-2019-2019	19-01-2019	88.18	85.77	88.18	
1-1-2020-2020	19-01-2020	88.18	85.77	88.18	
1-1-2021-2021	19-01-2021	88.18	85.77	88.18	
1-1-2022-2022	19-01-2022	88.18	85.77	88.18	
1-1-2023-2023	19-01-2023	88.18	85.77	88.18	
1-1-2024-2024	19-01-2024	88.18	85.77	88.18	
GRAND TOTAL	1-12-2024	88.18	85.77	88.18	

Name: _____
Address of Member (Living): _____
Date of Birth (or death if deceased) in the current year period: _____
SSN: _____
Member ID: _____

Financial Year Starting from 2020	2020				2021				2022				2023				2024			
	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)
Contract Value	2020-01-01				2021-01-01				2022-01-01				2023-01-01				2024-01-01			
At Risk at 01/01/2020		0.00	0.00	1,000.00	2021-01-01	0.00	0.00	1,000.00	2022-01-01	0.00	0.00	1,000.00	2023-01-01	0.00	0.00	1,000.00	2024-01-01	0.00	0.00	1,000.00
Contract Value at 01/01/2020																				
Contract Value at 01/01/2021																				
Contract Value at 01/01/2022																				
Contract Value at 01/01/2023																				
Contract Value at 01/01/2024																				
At Risk at 01/01/2020																				
At Risk at 01/01/2021																				
At Risk at 01/01/2022																				
At Risk at 01/01/2023																				
At Risk at 01/01/2024																				

Financial Year Starting from 2020	2020				2021				2022				2023				2024			
	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)	Date	Amount (USD)	At Risk	Amount (USD)
Contract Value																				
At Risk at 01/01/2020																				
Contract Value at 01/01/2020																				
Contract Value at 01/01/2021																				
Contract Value at 01/01/2022																				
Contract Value at 01/01/2023																				
Contract Value at 01/01/2024																				
At Risk at 01/01/2020																				
At Risk at 01/01/2021																				
At Risk at 01/01/2022																				
At Risk at 01/01/2023																				
At Risk at 01/01/2024																				

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the Power Station :	Mauda-I	
Last date of order of Commission for the project	Date (DD-MM-YYYY)	01.05.2024
Reference of petition no. in which the above order was passed	Petition no.	10/RP/2023 in 393/GT/2020
Following details (whether admitted and/or considered) as on the last date of the period for which tariff is approved, i.e. as on 31.03.2019, in the above order by the Commission:		(Rs Lakh)
Capital cost	(Rs. in lakh)	6,63,966.80
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		-
Amount of un-discharged liabilities corresponding to above admitted capital cost (but not forming part of admitted capital cost being allowed on cash basis)		10,716.91
Gross Normative Debt		4,66,283.33
Cumulative Repayment		1,79,267.07
Net Normative Debt		2,87,016.26
Normative Equity		1,97,683.47
Cumulative Depreciation		1,79,267.07
Freehold land		-

(Note: Order dated 14.11.2022 in-437/GT/2020 was issued by the Hon'ble Commission for approval of tariff of Mauda-I for 2019-24 period. However, Review Order dated 01.05.2024 in 10/RP/2023 in 393/GT/2020 (i.e. 2014-19 Truing-up) was issued by the Hon'ble Commission subsequent to the said Tariff Order dated 14.11.2022 for 2019-24 period. The closing capital cost as on 31.03.2019 as approved in Order dated 01.05.2024 has been considered in the instant 2019-24 Truing-up petition for Mauda-I. Therefore, the above figures correspond to latest Order for Mauda-I, i.e. Order dated 01.05.2024 for Review in 2014-19 Truing-up.

(Petitioner)

Abstract of Claimed Capital Cost for the existing Projects

Name of the Company :	NTPC Limited	
Name of the Power Station :	Manda-I	
Reference of Final True-up Tariff Petition	Affidavit dated	27.11.2024
Following details as considered by the Petitioner as on the last date of the period for which final true-up tariff is claimed, i.e. as on 31.03.2024:		(Rs Lakh)
Capital cost	(Rs. in lakh)*	6,72,272.15
Amount of un-discharged liabilities included in above (& forming part of admitted capital cost)		0.00
Amount of un-discharged liabilities corresponding to above claimed capital cost (but not forming part of admitted capital cost being allowed on cash basis)		4,475.56
Gross Normative Debt		4,72,097.08
Cumulative Repayment		3,47,924.48
Net Normative Debt		1,24,112.59
Normative Equity		2,00,175.07
Cumulative Depreciation		2,70,635.39
Freehold land		0.00

(Petitioner)

SP NO (PROJECT)	TRANCH 40	
	Measure	Unit From Value Bank
Source of Loan	Value Bank IV	
Currency	SR	
Amount of Loan	1,000,000.00	
Loan Order Amount	1,000,000.00	
Loan Fee	12,500.00	
Interest Rate	Floating	
Interest Rate as of 12/31/2014	5.75%	
Margin / Floating Interest	0%	
Net Bank Loan Cost / Fee	0%	
Frequency of Int. Payment	MONTHLY	
Y Axis is (in words) Cost		
Rate		
Maturity Period	1 Year	
Maximum Effective Date	12/31/15	
Repayment Period (in)		
Maturity	1 Year	
Repayment Frequency	1 (per Year) Payment	
Repayment Type	AN	
Fee Reduced Date	12/31/14	
Base Savings Rate	0.00%	
Date of Base Savings Rate	N/A	
Project Code	Project Name	Amount
	COMB-1	20,000,000.00
	PROJ-1 (SARJUN)	20,000,000.00
	PROJ-2	20,000,000.00
Total Allocated Amount		60,000,000.00

SP NO (PROJECT)	TRANCH 40	
	Measure	Unit From Value Bank
Source of Loan	Value Bank IV	
Currency	SR	
Amount of Loan	1,000,000.00	
Loan Order Amount	1,000,000.00	
Loan Fee		
Interest Rate	Floating	
Interest Rate as of 12/31/2014	5.000000%	
Margin / Floating Interest	0.00% (0.00%)	
Net Bank Loan Cost / Fee	0%	
Frequency of Int. Payment	MONTHLY	
Y Axis is (in words) Cost		
Rate		
Maturity Period	1 Year	
Maximum Effective Date	12/31/15	
Repayment Period (in)		
Maturity	1 Year	
Repayment Frequency	1 (per Year) Payment	
Repayment Type	AN	
Fee Reduced Date	12/31/14	
Base Savings Rate	0.00%	
Date of Base Savings Rate	N/A	
Project Code	Project Name	Amount
	COMB-1	20,000,000.00
	PROJ-1 (SARJUN)	20,000,000.00
	PROJ-2	20,000,000.00
Total Allocated Amount		60,000,000.00

Form 8		TRACER 40	DIRTS
BE NO 0000044	THRU		DIRTS
Unmatured Loan From B/LAR			
Source of Loan:	B/LAR		
Contract:	CR		
Amount of Loan:	1,200,000,000		
Term (Years):	10		
Interest Type:	Fixed		
Fixed Interest Rate:			
Base Rate: Floating Interest:	LIBOR + 0.50%		
Spread: Floating Interest:	0.00%		
Net Rate on Cash Flow:	1.5%		
Percentage of Net Payment:	100%		
Fixed Fee:			
Minimum Period:	5 Years		
Maximum Payment:	5,000,000		
Requirement Period (in):			
Minimum:	5 Years		
Requirement Frequency:	5 Years Payments		
Requirement Type:	A/S		
First Requirement Date:	1/1/2002		
Base Exchange Rate:	A/USD		
Cap of Base Exchange Rate:	N/A		
Project Code	Project Name	Amount	
	BAND	21,000,000	
	BONGHONG	50,000,000	
	DAMPALL	24,000,000	
	SACHUMWA	88,000,000	
	GUO	50,000,000	
	LAA	21,000,000	
	MOLEAI	40,000,000	
	NORTH KHONGPHEU	17,000,000	
	PAN BANGKOK	11,000,000	
	SOAHLA	82,000,000	
	WACHA	14,000,000	
	WACHA (continued)	18,000,000	
	WACHA (continued)	12,000,000	
	WACHA (continued)	11,000,000	
	TOTAL	500,000,000	
Total Maturity Amount			4,26,04,00,000

Form 8		TRACER 40	DIRTS
BE NO 0000044	THRU		DIRTS
Unmatured Loan From B/LAR			
Source of Loan:	B/LAR		
Contract:	CR		
Amount of Loan:	1,200,000,000		
Term (Years):	10		
Interest Type:	Fixed		
Fixed Interest Rate:			
Base Rate: Floating Interest:	LIBOR + 0.50%		
Spread: Floating Interest:	0.00%		
Net Rate on Cash Flow:	1.5%		
Percentage of Net Payment:	100%		
Fixed Fee:			
Minimum Period:	5 Years		
Maximum Payment:	5,000,000		
Requirement Period (in):			
Minimum:	5 Years		
Requirement Frequency:	5 Years Payments		
Requirement Type:	A/S		
First Requirement Date:	1/1/2002		
Base Exchange Rate:	BURB		
Cap of Base Exchange Rate:	N/A		
Project Code	Project Name	Amount	
	BAND	13,000,000	
	BONGHONG	14,000,000	
	DAMPALL	40,000,000	
	SACHUMWA	31,000,000	
	GUO	40,000,000	
	LAA	14,000,000	
	MOLEAI	30,000,000	
	SOAHLA	25,000,000	
	WACHA	21,000,000	
	WACHA (continued)	12,000,000	
	WACHA (continued)	14,000,000	
	WACHA (continued)	14,000,000	
	WACHA (continued)	13,000,000	
	TOTAL	238,000,000	
Total Maturity Amount			4,49,42,00,000

Form 8
TRANSFER NO
2025

SP NO (BIDDING)	DEBIT	
Unmatured Loan From B/L/S		
Source of Loan	BL-24	
Contract	66	
Amount of Loan	7,248,300.000	
Contract Amount	2,400,000.000	
Net of Loan	4,848,300.000	
Market Cost	Contract	
Cont. Interest Rate		
Base Rate of Floating Interest	7.000%	
Margin of Floating Interest	1.00%	
Net Rate and Cash Flow	8%	
Frequency of Int. Payment	Monthly	
Frequency of Int. Payment	Monthly	
Term		
Maturity Period	4 Year	
Maturity Effective Date	1/1/2018	
Repayment Period (m)		
Maturity	4 Year	
Repayment Frequency	3 Yearly Installments	
Repayment Date	6/30	
First Repayment Date	1/1/2012	
Base Storage Rate	4.00%	
Date of Base Storage Rate	N.A.	
Hinged Cost	Hinged Name	Amount
	BONAPARTE	40,000,000
	MOLCA	10,000,000
	CLCO	24,900,000
	BARH	2,500,000
	CO-GM	1,500,000
	Barro D	21,400,000
	MONSIEUR	2,100,000
	MOLCA	1,400,000
Total Hinged Amount		2,48,800,000

Form 8
TRANSFER NO
2025

SP NO (BIDDING)	DEBIT	
Unmatured Loan From B/L/S		
Source of Loan	BL-24	
Contract	66	
Amount of Loan	7,248,300.000	
Contract Amount	2,400,000.000	
Net of Loan	4,848,300.000	
Market Cost	Contract	
Cont. Interest Rate		
Base Rate of Floating Interest	7.000%	
Margin of Floating Interest	1.00%	
Net Rate and Cash Flow	8%	
Frequency of Int. Payment	Monthly	
Frequency of Int. Payment	Monthly	
Term		
Maturity Period	4 Year	
Maturity Effective Date	1/1/2017	
Repayment Period (m)		
Maturity	4 Year	
Repayment Frequency	3 Yearly Installments	
Repayment Date	6/30	
First Repayment Date	1/1/2012	
Base Storage Rate	4.00%	
Date of Base Storage Rate	N.A.	
Hinged Cost	Hinged Name	Amount
	BARH	2,500,000
	BONAPARTE	16,200,000
	BARRO D	14,200,000
	CO-GM/BA	22,100,000
	CO-GM	25,000,000
	CO-GM	3,000,000
	CLCO	24,900,000
	MOLCA	1,400,000
	MOLCA	1,400,000
	CO-GM	18,700,000
	CO-GM/BA/MOLCA	22,100,000
	Barro D	21,400,000
	BARRO D	21,400,000
	BARH	2,500,000
	BARH	2,500,000
	MONSIEUR	2,100,000
	MOLCA/BA/CO-GM	21,400,000
	MOLCA/BA	21,400,000
	MOLCA/BA	21,400,000
	Barro D	21,400,000
Total Hinged Amount		619,680,000

Form 8		
TRADEWIND		
SPAC NUMBER:	TICKER	CLASS
Lockup/Limit Pool: \$5.00		
Block Size:	50,000	
Class:	CS	
Amount of Loan:	1,200,000,000	
Loan Class Amount:	1,200,000,000	
Start of Loan:	1/1/2014	
Interest Type:	Fixed	
Fixed Interest Rate:		
Base Rate: Floating Interest:	000% + 0.00%	
Margin: Floating Interest:	000% + 0.00%	
Settlement Cycle Type:	T+0	
Quantity of 100 Payments:	10000	
Yield to Maturity:	0.00%	
Term:		
Maturity Period:	4 Years	
Maturity Effective Date:	12/31/17	
Repayment Period (m):		
Maturity:	0 Years	
Repayment Frequency:	0 Year Term, 100 Payments	
Repayment Type:	None	
First Repayment Date:	01/01/14	
Base Exchange Rate:	EUR/USD	
Date of Base Exchange Rate:	N/A	
Project Code	Project Name	Amount
	TRADEWIND	1,200,000,000
	LOCKUP/LIMIT POOL	1,200,000,000
	GRAND TOTAL	2,400,000,000
Total Requested Amount		2,400,000,000.00

Form 8		
TRADEWIND		
SPAC NUMBER:	TICKER	CLASS
Lockup/Limit Pool: \$5.00		
Block Size:	50,000	
Class:	CS	
Amount of Loan:	1,200,000,000	
Loan Class Amount:	1,200,000,000	
Start of Loan:	1/1/2014	
Interest Type:	Fixed	
Fixed Interest Rate:		
Base Rate: Floating Interest:	000% + 0.00%	
Margin: Floating Interest:	000% + 0.00%	
Settlement Cycle Type:	T+0	
Quantity of 100 Payments:	10000	
Yield to Maturity:	0.00%	
Term:		
Maturity Period:	4 Years	
Maturity Effective Date:	12/31/17	
Repayment Period (m):		
Maturity:	0 Years	
Repayment Frequency:	0 Year Term, 100 Payments	
Repayment Type:	None	
First Repayment Date:	01/01/14	
Base Exchange Rate:	EUR/USD	
Date of Base Exchange Rate:	N/A	
Project Code	Project Name	Amount
	TRADEWIND	400,000,000
	TRADEWIND - UNPLACED	24,000,000
	GRAND TOTAL	424,000,000
	GRAND TOTAL	80,000,000
Total Requested Amount		1,200,000,000.00

Form 8 TRACER 80		00001
SP NO ADDRESS	ISSUED LAST DATE	AMOUNT
CHECKED LAST DATE \$0.00		
Source of Loan:	MS-08	
Country:	USA	
Amount of Loan:	1,000,000.00	
Original Issue Date:	11/20/2010	
Date of Check:	11/20/14	
Check Type:	Payroll	
Face Interest Rate:		
Real Rate, F.F. Paying Interest:	00001140.20%	
Days of Paying Interest:	00001140.20%	
Are there any late fees:	Y/N	
Frequency of the Payment:	Monthly	
Is Auto A/R, Auto Cash Coll:		
Plan:		
Maturity Period:	4 Years	
Is Maturity effective date:	11/20/14	
Repayment Period (m):		
Maturity:	0 Years	
Repayment Frequency:	0 Year Term (Interest)	
Repayment Type:	A/R	
File Repayment Date:	01/01/13	
Base Exchange Rate:	FL/USD	
Date of Base Exchange Rate:	N/A	
Filed Date:	Filed Name	Amount
	GOVERN	50,000,000
	INDIVIDUAL	80,000,000
	FINANC	20,000,000
	SECUR	1,000,000,000
	ARMY	20,000,000
	ARMY-REG	20,000,000
	ARMY-ARMY	1,000,000,000
	ARMY-ARMY	20,000,000
	INDIVIDUAL	20,000,000
	ARMY-ARMY	20,000,000
	ARMY-ARMY	1,000,000,000
Total Reported Amount:		1,000,000,000.00

Form 8 TRACER 80		00001
SP NO ADDRESS	ISSUED LAST DATE	AMOUNT
CHECKED LAST DATE \$0.00		
Source of Loan:	MS-08	
Country:	USA	
Amount of Loan:	1,000,000.00	
Original Issue Date:	11/20/2010	
Date of Check:	11/20/14	
Check Type:	Payroll	
Face Interest Rate:		
Real Rate, F.F. Paying Interest:	00001140.20%	
Days of Paying Interest:	00001140.20%	
Are there any late fees:	Y/N	
Frequency of the Payment:	Monthly	
Is Auto A/R, Auto Cash Coll:		
Plan:		
Maturity Period:	4 Years	
Is Maturity effective date:	11/20/14	
Repayment Period (m):		
Maturity:	0 Years	
Repayment Frequency:	0 Year Term (Interest)	
Repayment Type:	A/R	
File Repayment Date:	01/01/13	
Base Exchange Rate:	FL/USD	
Date of Base Exchange Rate:	N/A	
Filed Date:	Filed Name	Amount
	GOVERN	1,000,000,000
	INDIVIDUAL	20,000,000
	ARMY	20,000,000
	INDIVIDUAL	20,000,000
Total Reported Amount:		1,060,000,000.00

Form B
TRADING
70001

SP NO 0000000001 000001

Unsettled Loan From DPFG Bank Ltd JV

Issue of Loan	DPFG Bank Ltd JV
Company	DP
Amount of Loan	2,358,925,000
Loan class amount	2,358,925,000
Start Date	17/11/2017
Maturity Date	Rolling
Face Interest Rate	
Bank Rate (if floating interest)	1.5%
Margin (if floating interest)	N/A
Is Bank a US Subs. Corp.	N/A
Country of the Payor	USA
Is Payor a US entity Corp	
Term	
Investment Period	1 Year
Maturity Effective Date	17/11/2017
Res Payment Period (m)	
Maturity	2 Year
Res Payment Frequency	3 Yearly (1/1/2018)
Res Payment Date	N/A
Is Res Payment Date	17/11/2017
Bank Exchange Rate	R/USD
Date of Bank Exchange Rate	N/A

Project Date	Project Name	Amount
	HAWAII	80,000,000.00
	COLUMBIA COAL MINE	8,000,000.00
	MONTICELLO, VA	41,280,000.00
	GOLDMAN	2,000,000,000.00
	GUNWATER SOCIAL FV	810,000,000.00
Total allocated amount		2,988,280,000.00

Form B
TRADING
70001

SP NO 0000000001 000001

Unsettled Loan From DPFG Bank Ltd JV

Issue of Loan	DPFG Bank Ltd JV
Company	DP
Amount of Loan	2,535,325,000
Loan class amount	2,535,325,000
Start Date	01/12/2017
Maturity Date	Rolling
Face Interest Rate	
Bank Rate (if floating interest)	1.5%
Margin (if floating interest)	N/A
Is Bank a US Subs. Corp.	N/A
Country of the Payor	USA
Is Payor a US entity Corp	
Term	
Investment Period	1 Year
Maturity Effective Date	01/12/2017
Res Payment Period (m)	
Maturity	2 Year
Res Payment Frequency	3 Yearly (1/1/2018)
Res Payment Date	N/A
Is Res Payment Date	01/12/2017
Bank Exchange Rate	R/USD
Date of Bank Exchange Rate	N/A

Project Date	Project Name	Amount
	HAWAII	12,880,000.00
	MONTICELLO	2,000,000.00
	HAWAIIONE	23,880,000.00
	BE WISCONSIN	18,000,000.00
	GUNWATER SOCIAL FV	11,000,000.00
	GOLDMAN, TRIC	21,000,000.00
	GOLDMAN	2,000,000,000.00
	GUNO	878,000,000.00
	CHRYSLER FINANCIAL CORP	18,100,000.00
	COLUMBIA COAL MINE	8,000,000.00
	GOLDMAN	1,922,785,000.00
Total allocated amount		2,605,015,000.00

SP NO (OPTION)	TRANSACTION	DATE	DEBIT
Unapplied Loan From 440.0			
Source of Loan	PPG		
Category	CA		
Amount of Loan	1,000,000.00		
Disburse Amount	1,000,000.00		
Term of Loan	24 Months		
Interest Type	Conting		
First Interest Rate			
Base Rate of Floating Interest	LIBOR + 2.0%		
Margin of Floating Interest	0.00%		
Are There Any Caps Floor	Yes		
Frequency of Payment	Monthly		
Are There Any Specific Caps			
Rate			
Maturity Period	3 Years		
Maturity Effective Date	01-1-2026		
Repayment Period (in)			
Maturity	3 Years		
Repayment Frequency	4 Quarters (Quarterly)		
Repayment Type	PPD		
First Repayment Date	1-1-2021		
Base Savings Rate	NONE		
Date of Base Savings Rate	N/A		
Project Code	Project Name	Amount	
	FACILITY	20,000,000.00	
	ACQUISITION	20,000,000.00	
	CONSTRUCTION	20,000,000.00	
	EQUIP	20,000,000.00	
	GRAND	20,000,000.00	
	LAND ACQUISITION	20,000,000.00	
	REPAIRS	10,000,000.00	
	RENTS	20,000,000.00	
	TOTAL APPLICABLE AMOUNT	1,000,000,000.00	

SP NO (OPTION)	TRANSACTION	DATE	DEBIT
Unapplied Loan From 440.0			
Source of Loan	PPG		
Category	CA		
Amount of Loan	1,000,000.00		
Disburse Amount	1,000,000.00		
Term of Loan	24 Months		
Interest Type	Conting		
First Interest Rate			
Base Rate of Floating Interest	LIBOR + 2.0%		
Margin of Floating Interest	0.00%		
Are There Any Caps Floor	Yes		
Frequency of Payment	Monthly		
Are There Any Specific Caps			
Rate			
Maturity Period	3 Years		
Maturity Effective Date	01-1-2026		
Repayment Period (in)			
Maturity	3 Years		
Repayment Frequency	4 Quarters (Quarterly)		
Repayment Type	PPD		
First Repayment Date	1-1-2021		
Base Savings Rate	NONE		
Date of Base Savings Rate	N/A		
Project Code	Project Name	Amount	
	FACILITY	20,000,000.00	
	CONSTR	10,000,000.00	
	FACILITY	20,000,000.00	
	ACQUISITION	20,000,000.00	
	CONSTRUCTION	20,000,000.00	
	EQUIP	20,000,000.00	
	GRAND	20,000,000.00	
	LAND ACQUISITION	20,000,000.00	
	REPAIRS	10,000,000.00	
	RENTS	20,000,000.00	
	TOTAL APPLICABLE AMOUNT	1,000,000,000.00	

RF NO. (BIDDING)	FRANCO NO. 20001	20000
Unsecured Loan From FICP		
Book Value	W/C	
Account	AC	
Account Code	1000000000	
Line Item Amount	10000000	
Date of Deal	1/1/2014	
Interest Code	Rating	
First Interest Date		
Bank Rate (Floating Interest)	COOPC-3.75%	
Fixed (Floating Interest)	COOPC	
Are There Any Cash Flows	Y/N	
Presence of Cash Flows	Y/N	
Are There Any Special Cash Flows		
Interest Period	3 Years	
Maximum Amortization	24/12/2000	
Equipment Period (in)		
Horizon	3 Years	
Repayment Frequency	At Quarterly Intervals	
Repayment Code	PRP	
Can Repayment Date	1/1/2017	
Can Exchange Rate	R/PEE	
Can of Base Exchange Rate	N/A	
Project Code	Project Name	Amount
	COOPC	1000000000
	UNCONTROLLED	1000000000
	AMOCI	1000000000
	COOPC	1000000000
	AMOCI	1000000000
Total Allocated Amount		5000000000

RF NO. (BIDDING)	FRANCO NO. 20002	20000
Unsecured Loan From FICP		
Book Value	W/C	
Account	AC	
Account Code	1000000000	
Line Item Amount	10000000	
Date of Deal	1/1/2014	
Interest Code	Rating	
First Interest Date		
Bank Rate (Floating Interest)	COOPC-3.75%	
Fixed (Floating Interest)	COOPC	
Are There Any Cash Flows	Y/N	
Presence of Cash Flows	Y/N	
Are There Any Special Cash Flows		
Interest Period	3 Years	
Maximum Amortization	24/12/2000	
Equipment Period (in)		
Horizon	3 Years	
Repayment Frequency	At Quarterly Intervals	
Repayment Code	PRP	
Can Repayment Date	1/1/2017	
Can Exchange Rate	R/PEE	
Can of Base Exchange Rate	N/A	
Project Code	Project Name	Amount
	COOPC	1000000000
	UNCONTROLLED	1000000000
	AMOCI	1000000000
	COOPC	1000000000
	AMOCI	1000000000
Total Allocated Amount		5000000000

RF NO. (BIDDING)	FRANCO NO. 20003	20000
Unsecured Loan From FICP		
Book Value	W/C	
Account	AC	
Account Code	1000000000	
Line Item Amount	10000000	
Date of Deal	1/1/2014	
Interest Code	Rating	
First Interest Date		
Bank Rate (Floating Interest)	COOPC-3.75%	
Fixed (Floating Interest)	COOPC	
Are There Any Cash Flows	Y/N	
Presence of Cash Flows	Y/N	
Are There Any Special Cash Flows		
Interest Period	3 Years	
Maximum Amortization	24/12/2000	
Equipment Period (in)		
Horizon	3 Years	
Repayment Frequency	At Quarterly Intervals	
Repayment Code	PRP	
Can Repayment Date	1/1/2017	
Can Exchange Rate	R/PEE	
Can of Base Exchange Rate	N/A	
Project Code	Project Name	Amount
	COOPC	1000000000
Total Allocated Amount		1000000000

Form 1
TRAVELING EXP

BP NO (REQUIRED) _____ **TRIP NO** _____ **DATE** _____

DESCRIPTION	UNPAID	PAID FROM BUDGETARY	DATE
Source of Loan	Amplitude Bank #		
Currency	US		
Amount of Loan	1,000,000.00		
Earliest Amount	1,000,000.00		
Earliest Date	6/13/2013		
Interest Rate	Fixed		
Collateral Rate			
Earliest Paying Interest	6/13/2013 3.0%		
Maximum Paying Interest	NA		
Earliest Paying Date	NA		
Frequency of Int Payment	MONTHLY		
Frequency of Int Payment (if Advance or Accrual) Date			
Earliest Period	1 Year		
Maximum Advance Term	6/13/2013		
Maximum Period Int			
Maximum	1 Year		
Equipment Category	Other Equip		
Equipment Type	Autos		
Earliest Payment Date	6/13/2013		
Earliest Payment Date	NA		
Earliest Swap Rate	NA		
Earliest Swap Rate	NA		
PAID DATE	PAID NAME	AMOUNT	
	AMCOA	80,000.00	
TOTAL AVAILABLE AMOUNT		920,000.00	

Form 2
TRAVELING EXP

BP NO (REQUIRED) _____ **TRIP NO** _____ **DATE** _____

DESCRIPTION	UNPAID	PAID FROM BUDGETARY	DATE
Source of Loan	4000 CBS		
Currency	US		
Amount of Loan	1,000,000.00		
Earliest Amount	1,000,000.00		
Earliest Date	6/13/2013		
Interest Rate	Fixed		
Collateral Rate			
Earliest Paying Interest	6/13/2013 3.5%		
Maximum Paying Interest	6/13/2013		
Earliest Paying Date	NA		
Frequency of Int Payment	MONTHLY		
Frequency of Int Payment (if Advance or Accrual) Date			
Earliest Period	1 Year		
Maximum Advance Term	6/13/2013		
Maximum Period Int			
Maximum	1 Year		
Equipment Category	Other Equip		
Equipment Type	Autos		
Earliest Payment Date	6/13/2013		
Earliest Payment Date	NA		
Earliest Swap Rate	NA		
Earliest Swap Rate	NA		
PAID DATE	PAID NAME	AMOUNT	
	AMCOA	1,000,000.00	
	AMCOA	21,000.00	
TOTAL AVAILABLE AMOUNT		1,000,000.00	

**Form 2
TRAILER NO**

TRUCKING UNIT FROM 2014		2015	2016
Source of Loan	2014		
Account of Loan	2014		
Original Loan Amount	10,000,000.00		
Date of Disbursement	06/20/2014		
Date of Disbursement	06/20/2014		
Interest Rate	Fixed		
Term of Loan	5 Years		
Rate of Interest	7.00%		
Frequency of Payments	Monthly		
First Payment Date	07/01/2014		
Balance on 12/31/2014	9,000,000.00		
Balance on 12/31/2015	8,000,000.00		
Balance on 12/31/2016	7,000,000.00		
Balance on 12/31/2017	6,000,000.00		
Balance on 12/31/2018	5,000,000.00		
Balance on 12/31/2019	4,000,000.00		
Balance on 12/31/2020	3,000,000.00		
Balance on 12/31/2021	2,000,000.00		
Balance on 12/31/2022	1,000,000.00		
Balance on 12/31/2023	0.00		
Balance on 12/31/2024	0.00		
Balance on 12/31/2025	0.00		
Balance on 12/31/2026	0.00		
Balance on 12/31/2027	0.00		
Balance on 12/31/2028	0.00		
Balance on 12/31/2029	0.00		
Balance on 12/31/2030	0.00		
Balance on 12/31/2031	0.00		
Balance on 12/31/2032	0.00		
Balance on 12/31/2033	0.00		
Balance on 12/31/2034	0.00		
Balance on 12/31/2035	0.00		
Balance on 12/31/2036	0.00		
Balance on 12/31/2037	0.00		
Balance on 12/31/2038	0.00		
Balance on 12/31/2039	0.00		
Balance on 12/31/2040	0.00		
Balance on 12/31/2041	0.00		
Balance on 12/31/2042	0.00		
Balance on 12/31/2043	0.00		
Balance on 12/31/2044	0.00		
Balance on 12/31/2045	0.00		
Balance on 12/31/2046	0.00		
Balance on 12/31/2047	0.00		
Balance on 12/31/2048	0.00		
Balance on 12/31/2049	0.00		
Balance on 12/31/2050	0.00		
Balance on 12/31/2051	0.00		
Balance on 12/31/2052	0.00		
Balance on 12/31/2053	0.00		
Balance on 12/31/2054	0.00		
Balance on 12/31/2055	0.00		
Balance on 12/31/2056	0.00		
Balance on 12/31/2057	0.00		
Balance on 12/31/2058	0.00		
Balance on 12/31/2059	0.00		
Balance on 12/31/2060	0.00		
Balance on 12/31/2061	0.00		
Balance on 12/31/2062	0.00		
Balance on 12/31/2063	0.00		
Balance on 12/31/2064	0.00		
Balance on 12/31/2065	0.00		
Balance on 12/31/2066	0.00		
Balance on 12/31/2067	0.00		
Balance on 12/31/2068	0.00		
Balance on 12/31/2069	0.00		
Balance on 12/31/2070	0.00		
Balance on 12/31/2071	0.00		
Balance on 12/31/2072	0.00		
Balance on 12/31/2073	0.00		
Balance on 12/31/2074	0.00		
Balance on 12/31/2075	0.00		
Balance on 12/31/2076	0.00		
Balance on 12/31/2077	0.00		
Balance on 12/31/2078	0.00		
Balance on 12/31/2079	0.00		
Balance on 12/31/2080	0.00		
Balance on 12/31/2081	0.00		
Balance on 12/31/2082	0.00		
Balance on 12/31/2083	0.00		
Balance on 12/31/2084	0.00		
Balance on 12/31/2085	0.00		
Balance on 12/31/2086	0.00		
Balance on 12/31/2087	0.00		
Balance on 12/31/2088	0.00		
Balance on 12/31/2089	0.00		
Balance on 12/31/2090	0.00		
Balance on 12/31/2091	0.00		
Balance on 12/31/2092	0.00		
Balance on 12/31/2093	0.00		
Balance on 12/31/2094	0.00		
Balance on 12/31/2095	0.00		
Balance on 12/31/2096	0.00		
Balance on 12/31/2097	0.00		
Balance on 12/31/2098	0.00		
Balance on 12/31/2099	0.00		
Balance on 12/31/2100	0.00		
Total Projected Amount	26,000,000.00		

Form B
TRANCHE NO
T00001

BP NO 0050100202

000001

Unsecured Loan From Axis Bank-I		
Source of Loan:	Axis Bank-I	
Currency:	INR	
Amount of Loan:	2,50,00,00,000	
Total Drawn amount:	2,50,00,00,000	
Date of Drawal:	31.03.2010	
Interest Type:	Floating	
Rate of Interest as on 01.04.2010	8.45%	
Margin, if Floating Interest:	NIL	
Are there any Cap/Floor:	Y/N	
Frequency of Int. Payment:	MONTHLY	
If Above is, yes, specify Cap/Floor		
Moratorium Period:	3 Years	
Moratorium effective from:	31.03.2010	
Repayment Period (inc Moratorium)	10 Years	
Repayment Frequency:	14 Half Yearly installment	
Repayment Type:	AVG	
First Repayment Date:	30.09.2013 *	
Base Exchange Rate:	INR/US\$	
Date of Base Exchange Rate:	N.A.	
Project Code	Project Name	Amount
	TAPCHIN VISHWASAD	80,00,00,000
	MAUDA-I	1,70,00,00,000
	Total Allocated Amount	2,50,00,00,000

Part A

Particulars	
ATPC Fund Particulars for 2022	
Balance b/d	
Income	1800
Amount of Unit Redemption	2000000
Amount of Unit Redeemed (After) up to 31.03.2022	2000000
Netted off	1000
Final Interest Paid/ Available	10000
Less: Final Interest Payable	
Surplus / (Deficit) available	500
Transfer to Reserves / Other	
Final Balance	1000
Income of 2022	1000
Less: Final Interest Payable	
Final Balance	1000
	1000
Income of 2021	1000
Less: Final Interest Payable	
Final Balance	1000

Name of the Projects	%
100%	100%
20%	20%
10%	10%
5%	5%
15%	15%
30%	30%
40%	40%
50%	50%
60%	60%
70%	70%
80%	80%
90%	90%
100%	100%
150%	150%
200%	200%
300%	300%
400%	400%
500%	500%
600%	600%
700%	700%
800%	800%
900%	900%
1000%	1000%
1100%	1100%
1200%	1200%
1300%	1300%
1400%	1400%
1500%	1500%
1600%	1600%
1700%	1700%
1800%	1800%
1900%	1900%
2000%	2000%
2100%	2100%
2200%	2200%
2300%	2300%
2400%	2400%
2500%	2500%
2600%	2600%
2700%	2700%
2800%	2800%
2900%	2900%
3000%	3000%

Notes:
 a) The information is exclusive of withholding tax amount. b) ATPC's income of 2022 is 1000.
 c) Final Interest up to 31.03.2022 is 10000.
 d) Contribution of 2000000 is available in fund as of 31.03.2022.

values in the company
State of the project Section

Value
Value

Expenditure	5.00% Fixed Rate State Jan 2021	4.75% Fixed Rate Rate Jan 2020	The Bank of Israel (Bank of Israel)
Interest	1200	1100	100
Amount of fees mentioned	100,000,000	100,000,000	100,000,000
Amount of State Loan (State Jan 2021 Jan 2020)	100,000,000	100,000,000	100,000,000
State Loan	1000	1000	1000
State Interest Rate (Current)	5.00%	4.75%	4.75%
State Rate of Interest (Current)	-	-	4.75%
Company of State (Current)	-	-	NO
State of the State (Current)	-	-	NO
State of the State (Current)	-	-	NO
Interest Rate	10 Days	10 Days	1 Year
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate	10 Days	10 Days	1 Year
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days
Interest Rate (Current)	10 Days	10 Days	10 Days

Name of the Project	%	%	%	%	%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
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Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%
Bank	10.00%	10.00%	10.00%	10.00%	10.00%

Notes:
 a) The interest rate is exclusive of withholding tax currently @ 21.00% (exclusive of mortgage & education used to be granted up)
 b) The interest rate is exclusive of withholding tax currently @ 14.00% (exclusive of mortgage & education used to be granted up)
 c) The interest rate is exclusive of withholding tax currently @ 10% (exclusive of mortgage & education used to be granted up)
 d) State mortgage rate for 2021 is 10.00% (exclusive of mortgage & education used to be granted up)
 e) Subsidy of low mortgage for rental projects is based on addition of low up on 11.00.2021

On
Exchange

Name of the Company: NTPC Limited
 Name of the Power Station: Manda-1

Particulars		13
	4.25 % Euro Bonds 2018	USD 749 Million Drawl III
Source of Loan		
Drawal		
Currency	USD	USD
Amount of loan sanctioned	50,00,00,000	24,00,00,000
Amount of Gross Loan drawn upto 18.03.2024	50,00,00,000	24,00,00,000
Interest Type	Fixed	Floating
Fixed Interest Rate, if applicable	4.25%*	-
Base Rate, if Floating interest*	-	3 Month Term SOFR*
Margin, if floating interest rate	-	1.16027%
Are there any Caps / Floor	No	No
If above is Yes, specify Caps / Floor	-	-
Maturity Period	10 Years	4
Maturity effective date	28-Feb-2028	25-Apr-2027
Repayment period	Bullet payment	Yearly
Repayment effective date	28-Feb-2028	05-Dec-2026
Repayment frequency	One time	Seven times
Repayment installment	50,00,00,000	2,57,14,286
Base Exchange Rate -		
Are foreign currency loan hedged	No	No
If above is Yes, specify details	-	-
Name of the Project		%
Manda-1	0.33%	4.03%

Particulars:			
Source of Loan - Bonds Series	69	72	74
Currency	INR	INR	INR
Amount of Loan sanctioned (In Lakh)	4,30,000	4,00,000	3,99,600
Amount of Gross Loan drawn upto COD (In L)	4,30,000	4,00,000	3,99,600
Interest Type	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	7.32%	5.45%	6.87%
Base Rate, if Floating Interest	N/A	N/A	N/A
Margin, if Floating Interest	N/A	N/A	N/A
Are there any Caps/Floor	No	No	No
If above is yes specify caps/floor	N/A	N/A	N/A
Moratorium Period (In Years)	10	5	15 Years and 1 day
Moratorium effective from*	17-07-2019	15-10-2020	20-04-2021
Repayment Period	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	17-07-2029	15-10-2025	21-04-2036
Repayment Frequency	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment (In Lakh)	4,30,000	4,00,000	3,99,600
Base Exchange Rate	N/A	N/A	N/A
Door to Door Maturity (In Years)	10	5	15 Years and 1 day
Name of the Projects	69	72	74
MAUDA I	6,000.00	30,500.00	500.00

FORM 2												
MAUDA 1												
	1800	0	0	0	0	0	0	0	0	0	0	0
Particulars												
Source of Loan - Borrower Series	XXVH 11%	XXX 7.25%	XL 0.0%	XLV 0.25%	XLVIB 0.54%	XLVIB 0.73%	XLVIB 0.85%	1.14	1.24	1.24	1.18	1.28
Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of loan sanctioned (in Lakhs)	1,00,000.00	70,000.00	55,000.00	55,000.00	24,000.00	30,000.00	20,000.00	40,000.00	24,000.00	21,000.00	20,000.00	6,100.00
Amount of Gross Cost break up (in Lakhs)												
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	11.00%	7.25%	0.00%	0.25%	0.54%	0.73%	0.85%	0.81%	0.40%	0.55%	0.65%	0.75%
Base Rate, if Floating Interest	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Margin, if Floating Interest	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Are there any Caps/Floors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
If above is yes specify last two approximate period in years	10 yrs	10 yrs	10 yrs	11 yrs	10 yrs	10 yrs	10 yrs	10 yrs	15 yrs	20 yrs	10 yrs	15 yrs
Maturity effective from	21.11.2008	03.05.09	09.04.2012	04.08.12	04.10.12	07.03.2013	04.04.2013	18.12.2013	18.12.2013	18.12.2013	18.12.2013	16.12.2012
Repayment Period	Bullet Repayment	Bullet Repayment	0 yrs	0 yrs	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	21.11.10	03.05.10	24.01.2010	04.05.23	04.10.23	07.03.2020	04.04.2020	18.12.2020	18.12.2020	18.12.2013	18.12.2020	16.12.2020
Repayment Frequency	Bullet Repayment	Bullet Repayment	Yearly	Yearly	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment instalment (in Lakhs)	1,00,000.00	70,000.00	10,000.00	10,000.00	14,000.00	30,000.00	20,000.00	4,00,00,00,000.00	2,49,24,00,000.00	3,10,02,75,000.00	2,05,01,01,000.00	51,00,28,000.00
Swap Exchange Rate Over to Over Maturity (in Years)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10 yrs	10 yrs	15 yrs	15 yrs	10 yrs	10 yrs	10 yrs	10 yrs	15 yrs	20 yrs	10 yrs	15 yrs
Name of the Projects												
MAUDA	7900	3800	2800	5500	7000	1900.00	2000.00	3844.50	1450.00	1818.00	1214.00	533.00

FORM-2

Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13
	(Amount in Rs. Lakhs)												
Source of Loan - Borrow Series	L10B	L10C	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14
Currency	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of loan sanctioned (in Lakh)	20,000.00	22,000.00	10,000.00	20,000.00	20,000.00	1,07,200.00	80,000.00	87,000.00	70,000.00	70,000.00	1,42,500.00	4,00,000.00	
Amount of Gross Cost break up into OOD or Loan			10,00,000.00	20,000.00	80,000.00	1,07,200.00	80,000.00	87,000.00	70,000.00	70,000.00	1,42,500.00	4,00,000.00	
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	8.51%	8.51%	8.49%	8.18%	8.33%	8.50%	7.33%	7.47%	7.26%	8.72%	7.57%	8.30%	
Base Rate, if Floating Interest	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Margin, if Floating Interest	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Are there any Caps/Floor (If above is yes specify rate/floor)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Approximate Period (in Years)	20 yrs.	22 yrs.	8	8	8	8	10	10	10	8	10	10	
Maturity effective Date	18-12-2013	04-03-2014	29-03-2013	27-12-2013	24-02-2014	27-08-2013	23-08-2013	18-09-2013	07-11-2013	24-11-2013	14-12-2013	15-01-2014	
Repayment Period	Bulet Repayment	Bulet Repayment	Installments Due on 25/03/2013, 05/03/2014 & 25/03/2015	Bulet Repayment	Bulet Repayment	Installments Due on 27/09/2013, 27/03/2015 & 27-09-2017	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment
Repayment effective Date	18-12-2013	04-03-2014	29-03-2013	27-12-2013	24-02-2014	27-08-2013	23-08-2013	18-09-2013	07-11-2013	24-11-2013	14-12-2013	15-01-2014	
Repayment Frequency	Bulet Repayment	Bulet Repayment	Installments Due on 25/03/2013, 05/03/2014 & 25/03/2015	Bulet Repayment	Bulet Repayment	Installments Due on 27/09/2013, 27/03/2015 & 27-09-2017	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment	Bulet Repayment
Repayment instalment (in Lakh)	1,00,00,000.00	32,000.00	Installments: 1st - 206,133.21 2nd - 412,263.22 3rd - 412,263.22	20,000.00	80,000.00	Installments: 1st - 30,730.00 2nd -	80,000.00	87,000.00	70,000.00	70,000.00	1,42,500.00	4,00,000.00	
Book Exchange Rate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Door to Door Maturity (in Years)	20 yrs.	20 yrs.	10	8	8	10	10	10	10	8	10	10	
Name of the Projects			S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14
MAUCA	2381.24	5768.00	21906.24	2780.00	1700.00	4088.00	4500.00	4000.00	2500.00	1400.00	5386.00	716.00	

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Limited							
Name of the Generating Station		Mauza-I							
COD		30-03-2018							
For Financial Year		2019-20 (Summary)							
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual cash basis)					Total 2019-20	Amount in Rs Lakh	
		2019-20	2020-21	2021-22	2022-23	2023-24			
1	2	3	4	5	6	7	Regulation under which claimed		
A. For assets eligible for Normal ROE									
1	Main Plant & Office civil works	572.48	89.03				661.51	24(1)(b) read with Regulation 75	
2	Turbine Generator	122.16	-				122.16		
3	Air Conditioning & Ventilation	50.22	71.79				121.91		
4	Station C&I	16.79	10.76				27.51		
5	Fire Detection & Protection	87.23	53.10		23.76	1.97	171.04		
6	Coal Handling Plant	11.20					11.20		
7	Pre-treatment Plant	0.84					0.84		
8	CW System package	-80.39					-80.39		
9	SG	-470.93					-470.93		
12	Switchyard		34.08	-6.09			27.99		
13	Switchgear		39.72				39.72		
14	Station Piping		25.00		3.44		28.44		
15	Railway Siding		73.62				73.62		
10	Automatic Generation Control	2.42		10.65			13.06		25(1)(ii)
11	Replacement of Conventional fittings with LED based fittings	314.12	25.37				339.49		26(1)(b)
16	Ash Dyke works		1.09				1.09	25(1)(c)	
17	Abrication in Railway Siding		322.20				322.20	25(1)(e)	
18	Ash Dyke Raising			796.50		638.13	1,434.63	25(1)(g)	
19	CO2			651.48	5.24		656.72	26(1)(b) and 26(1)(d)	
20	Leasehold Land					14.04	14.04	25(1)(h)	
21	HMI Upgradation					919.21	919.21	25(2)(c)	
22	Press Static Weigh Bridge for ash loading through Rail					137.43	137.43	26(1)(b), 26(1)(e) read with Regulation 19(3)(ii)	
23	140 TPD Non-Thermal Forward					288.59	288.59	26(1)(b)	
24	MBOAs		41.58	30.87	24.76	137.04	234.34	25(2)(a)	
25	Works FERY charged to PS&I			-12.64	104.33	-11.45	79.21	25(1)(f)	
	Sub-total (Add Cap allowed/ claimed)	686.17	787.25	1,482.91	186.50	2,174.95	5,197.83		
26	Discharge of Liability	854.31	1,282.91	787.18	166.07	1,863.19	5,931.15		
27	Decap (part of capital cost)	-895.58	-499.72	-273.03	-573.20	-482.10	-2,823.63		
	Total (A)	575.40	1,570.45	1,897.07	240.60	4,503.05	8,305.35		
B. For assets eligible for RoE at Weightage average rate of interest on loan									
1	Works allowed/ claimed	-	-	-	-	-	-		
2	Discharge of Liability	-	-	-	-	-	-		
	Total (B)	-	-	-	-	-	-		
Total Add. Cap. Claimed (A+B)		575.40	1,570.45	1,897.07	240.60	4,503.05	8,305.35		

(Petitioner)

Year-end Statement of Additional Capitalization after CDC

Name of the Institution : WPI Ltd
 Name of the Benefiting Station : Haverhill
 Station ID : 00000004
 FY Financial Year : 2023-24

S. No.	Name of Work / Equipment	BID amount (USD)					Regulation under which awarded	Justification	Amount paid by the Commission, \$/€
		Normal Price	Est. Bid Amt.	Amount Bids as per BIDD	Dis-allowed L&M/As included under B	Cost Price			
1	2	3	4	5	6	7	8	9	
41	For works eligible for normal BIDD								
1	Work Part 2, Electrical work	876.00	2.00	876.00	2.00	876.00	24.000 USD with Regulation 19	120	
2	Public Displays	120.00	0.00	120.00	0.00	120.00	24.00	200.0	
3	Air Conditioning & Ventilation	50.00	0.00	50.00	0.00	50.00	7.00	270	
4	Security C&I	28.75	0.00	28.75	0.00	28.75	4.00	100	
5	Fire Detection & Protection System	87.00	0.00	87.00	0.00	87.00	24.00	100	
6	Soundproofing Work	22.00	0.00	22.00	0.00	22.00	1.00		
7	Disinfectant Disp	22.00	0.00	22.00	20.44	3.00	1.00		
8	ITM Screen Package	40.00	0.00	40.00	0.00	40.00	0.00		
9	ITM	470.00	0.00	470.00	0.00	470.00	0.00		

Year-end Statement of Additional Capitalization after AOC

Name of the Issuer: IPRM Ltd
 Name of the Issuing Station: Florida
 CDS: 00000000
 NY Financial Year: 2010-01

S. No.	Name of Issuer / Issuance	AOC Details (USD)						Regulation under which raised	Issuance	Activities Carried by the Issuer, if any
		Normal Issue	Inf. AOC Iss.	Private Issue as per AOC	De-authorized LeADs included under AOC	Self Issue	OCI included under AOC			
1	2	3	4a	4b + 4c + 4d	5	6 + 7b + 7c	8			
20	Buyback/Dividend Payout	28.44	2.20	28.44	28.20	2.44	0.00(28.20)	<p>Public Issuance used to purchase 20,00,000 common shares from 2008 issued at \$200 per share to implement the AOC year-end repurchase program.</p> <p>All in the interest of investors and public good, the Commission directed that the AOC system which itself is a derivative product of CDS and its derivatives and the system which includes securities issued through AOC be implemented upon the following conditions:</p> <ul style="list-style-type: none"> All financial AOC issuers and related aspects of AOC like issuance and all other matters being treated according to AOC including the buyback from public issuers in case of any of the governing system and where AOC is accounted as stated by CDS are allowed to issue securities in the US market subject to transferring the required capital for AOCs pending implementation as earlier to CDS. Issuance of such securities should be made in the form of: <p>1. Public Issuance of 10,00,000 shares at \$200 per share.</p> <p>2. Issuance of 10,00,000 shares at \$200 per share.</p> <p>3. Issuance of 10,00,000 shares at \$200 per share.</p> <p>4. Issuance of 10,00,000 shares at \$200 per share.</p> <p>5. Issuance of 10,00,000 shares at \$200 per share.</p> <p>6. Issuance of 10,00,000 shares at \$200 per share.</p> <p>7. Issuance of 10,00,000 shares at \$200 per share.</p> <p>8. Issuance of 10,00,000 shares at \$200 per share.</p> <p>9. Issuance of 10,00,000 shares at \$200 per share.</p> <p>10. Issuance of 10,00,000 shares at \$200 per share.</p> <p>11. Issuance of 10,00,000 shares at \$200 per share.</p> <p>12. Issuance of 10,00,000 shares at \$200 per share.</p> <p>13. Issuance of 10,00,000 shares at \$200 per share.</p> <p>14. Issuance of 10,00,000 shares at \$200 per share.</p> <p>15. Issuance of 10,00,000 shares at \$200 per share.</p> <p>16. Issuance of 10,00,000 shares at \$200 per share.</p> <p>17. Issuance of 10,00,000 shares at \$200 per share.</p> <p>18. Issuance of 10,00,000 shares at \$200 per share.</p> <p>19. Issuance of 10,00,000 shares at \$200 per share.</p> <p>20. Issuance of 10,00,000 shares at \$200 per share.</p> <p>21. Issuance of 10,00,000 shares at \$200 per share.</p> <p>22. Issuance of 10,00,000 shares at \$200 per share.</p> <p>23. Issuance of 10,00,000 shares at \$200 per share.</p> <p>24. Issuance of 10,00,000 shares at \$200 per share.</p> <p>25. Issuance of 10,00,000 shares at \$200 per share.</p> <p>26. Issuance of 10,00,000 shares at \$200 per share.</p> <p>27. Issuance of 10,00,000 shares at \$200 per share.</p> <p>28. Issuance of 10,00,000 shares at \$200 per share.</p> <p>29. Issuance of 10,00,000 shares at \$200 per share.</p> <p>30. Issuance of 10,00,000 shares at \$200 per share.</p> <p>31. Issuance of 10,00,000 shares at \$200 per share.</p> <p>32. Issuance of 10,00,000 shares at \$200 per share.</p> <p>33. Issuance of 10,00,000 shares at \$200 per share.</p> <p>34. Issuance of 10,00,000 shares at \$200 per share.</p> <p>35. Issuance of 10,00,000 shares at \$200 per share.</p> <p>36. Issuance of 10,00,000 shares at \$200 per share.</p> <p>37. Issuance of 10,00,000 shares at \$200 per share.</p> <p>38. Issuance of 10,00,000 shares at \$200 per share.</p> <p>39. Issuance of 10,00,000 shares at \$200 per share.</p> <p>40. Issuance of 10,00,000 shares at \$200 per share.</p> <p>41. Issuance of 10,00,000 shares at \$200 per share.</p> <p>42. Issuance of 10,00,000 shares at \$200 per share.</p> <p>43. Issuance of 10,00,000 shares at \$200 per share.</p> <p>44. Issuance of 10,00,000 shares at \$200 per share.</p> <p>45. Issuance of 10,00,000 shares at \$200 per share.</p> <p>46. Issuance of 10,00,000 shares at \$200 per share.</p> <p>47. Issuance of 10,00,000 shares at \$200 per share.</p> <p>48. Issuance of 10,00,000 shares at \$200 per share.</p> <p>49. Issuance of 10,00,000 shares at \$200 per share.</p> <p>50. Issuance of 10,00,000 shares at \$200 per share.</p> <p>51. Issuance of 10,00,000 shares at \$200 per share.</p> <p>52. Issuance of 10,00,000 shares at \$200 per share.</p> <p>53. Issuance of 10,00,000 shares at \$200 per share.</p> <p>54. Issuance of 10,00,000 shares at \$200 per share.</p> <p>55. Issuance of 10,00,000 shares at \$200 per share.</p> <p>56. Issuance of 10,00,000 shares at \$200 per share.</p> <p>57. Issuance of 10,00,000 shares at \$200 per share.</p> <p>58. Issuance of 10,00,000 shares at \$200 per share.</p> <p>59. Issuance of 10,00,000 shares at \$200 per share.</p> <p>60. Issuance of 10,00,000 shares at \$200 per share.</p> <p>61. Issuance of 10,00,000 shares at \$200 per share.</p> <p>62. Issuance of 10,00,000 shares at \$200 per share.</p> <p>63. Issuance of 10,00,000 shares at \$200 per share.</p> <p>64. Issuance of 10,00,000 shares at \$200 per share.</p> <p>65. Issuance of 10,00,000 shares at \$200 per share.</p> <p>66. Issuance of 10,00,000 shares at \$200 per share.</p> <p>67. Issuance of 10,00,000 shares at \$200 per share.</p> <p>68. Issuance of 10,00,000 shares at \$200 per share.</p> <p>69. Issuance of 10,00,000 shares at \$200 per share.</p> <p>70. Issuance of 10,00,000 shares at \$200 per share.</p> <p>71. Issuance of 10,00,000 shares at \$200 per share.</p> <p>72. Issuance of 10,00,000 shares at \$200 per share.</p> <p>73. Issuance of 10,00,000 shares at \$200 per share.</p> <p>74. Issuance of 10,00,000 shares at \$200 per share.</p> <p>75. Issuance of 10,00,000 shares at \$200 per share.</p> <p>76. Issuance of 10,00,000 shares at \$200 per share.</p> <p>77. Issuance of 10,00,000 shares at \$200 per share.</p> <p>78. Issuance of 10,00,000 shares at \$200 per share.</p> <p>79. Issuance of 10,00,000 shares at \$200 per share.</p> <p>80. Issuance of 10,00,000 shares at \$200 per share.</p> <p>81. Issuance of 10,00,000 shares at \$200 per share.</p> <p>82. Issuance of 10,00,000 shares at \$200 per share.</p> <p>83. Issuance of 10,00,000 shares at \$200 per share.</p> <p>84. Issuance of 10,00,000 shares at \$200 per share.</p> <p>85. Issuance of 10,00,000 shares at \$200 per share.</p> <p>86. Issuance of 10,00,000 shares at \$200 per share.</p> <p>87. Issuance of 10,00,000 shares at \$200 per share.</p> <p>88. Issuance of 10,00,000 shares at \$200 per share.</p> <p>89. Issuance of 10,00,000 shares at \$200 per share.</p> <p>90. Issuance of 10,00,000 shares at \$200 per share.</p> <p>91. Issuance of 10,00,000 shares at \$200 per share.</p> <p>92. Issuance of 10,00,000 shares at \$200 per share.</p> <p>93. Issuance of 10,00,000 shares at \$200 per share.</p> <p>94. Issuance of 10,00,000 shares at \$200 per share.</p> <p>95. Issuance of 10,00,000 shares at \$200 per share.</p> <p>96. Issuance of 10,00,000 shares at \$200 per share.</p> <p>97. Issuance of 10,00,000 shares at \$200 per share.</p> <p>98. Issuance of 10,00,000 shares at \$200 per share.</p> <p>99. Issuance of 10,00,000 shares at \$200 per share.</p> <p>100. Issuance of 10,00,000 shares at \$200 per share.</p>		
44	Repurchase of Derivatives/ Foreign Iss. AOC Issue Change	624.22	0.00	624.22	6.27	630.49	0.00(624.22)	<p>Public Issuance of 10,00,000 shares at \$200 per share.</p>		
45	Warrants	100.74	0.00	100.74	100.74	0.00	0.00(100.74)	<p>Public Issuance of 10,00,000 shares at \$200 per share.</p>		
46	Normal AOC Issuance/ De-authorized LeADs	100.00	0.00	100.00	100.00	0.00	0.00(100.00)	<p>Public Issuance of 10,00,000 shares at \$200 per share.</p>		
47	Change of LeADs					100.00	100.00			
	Sub Total AOC	825.66	0.00	825.66	106.99	718.67	0.00(825.66)			
48	Particulars eligible for better weighting average rate of interest on loan									
	Change of LeADs									
	Sub Total AOC	825.66	0.00	825.66	106.99	718.67	0.00(825.66)			
4.3	Total Part of Capital Issued through AOC	825.66	0.00	825.66	106.99	718.67	0.00(825.66)			
1	Cost of 100% Part of the cost	117.24	10.00	107.24	0.00	107.24	0.00(107.24)			
2	Cost of 100% Part of the cost	117.24	10.00	107.24	0.00	107.24	0.00(107.24)			

Year-end Statement of Additional Capitalization after COC

Name of the Issuer : 1991 Ltd
 Name of the Reporting Station : Florida
 CDS : 00000000
 NY Financial Year : 2023-03

S. No.	Name of Stock / Instrument	COC (before/after)						Regulation under which raised	Issued under	Admitted under the Companies Act, 2013
		Normal Issuance	Inf. Ad. Iss.	Special Issuance as per Section 23(1)(b)	De-recognized Loans/Debt included under 2	Self Issuance	CO included under 2			
1	2	3	4	5	6	7	8	9	10	
	Total Debit	-126.27	-428.21	-428.21	0.00	-428.21	0.00			
	Total Add Capital Discharge of Capital	-428.21	-428.21	-428.21	-428.21	0.00	0.00			

Year-wise Statement of Additional Capitalization after CIP

Name of the Project: ATFC Ltd									Name of the Generating Station: (Muzaffar)			
CIP									For Financial Year: 2022-23			
Sl. No.	Head of Work / Document	CIP entered (Rupees)						Regulatory order which is/are issued	Justification	Amount Paid to the Commission, A etc.		
		Actual bills	in A/C bill	Actual bills as per class	on discharged utility installed (class 5)	Cost bills	ICC included in bill 2					
1	2	3	4	5	6	7	8	9	10	11		
A.3	Transmission & Distribution CIP											
1	High Tension & Offsets Cost Works	22.25	0.00	22.25	0.00	22.25	0.00	2017/17 year with Reg. order 76	It is fully justified as provided for this work in Form 6 for 17-18-20	Rs 2442 lakh in 17-18-20		
2	Transmission	60.00	0.00	60.00	60.00	0.00	0.00			Rs 2028.2 lakh in 17-18-20		
3	HT Conducing & installation	75.70	0.00	75.70	0.00	75.70	0.00	2017/17 year with Reg. order 76	It is fully justified as provided for this work in Form 6 for 17-18-20	Rs 278 lakh in 17-18-20		
4	Service LD	22.78	0.00	22.78	0.00	22.78	0.00			Rs 202 lakh in 17-18-20		
5	For Domestic & Lighting Service	55.27	0.00	55.27	0.00	55.27	0.00			Rs 202 lakh in 17-18-20		
6	Substation	34.25	0.00	34.25	0.00	34.25	7.24		The declaration is being submitted in original copies of bills for the project station. These works get entered under A/C bill as per provisions and work bills are submitted to the Reg. & Offsets and supply agency. It is fully justified as per the declaration and has subsequently entered in transmission accounting under TCCP. As per bill entry bills are submitted under separate bills. The major work in these projects are completed. Further you have been requested. Detailed submissions in this regard are placed in the folder for 2017/17-2020/20 (year) for the work station. Considering the same, the Reg. CIP Commission will consider bills for 17-18-20, 18-19-20, 19-20-21 and 20-21-22 when the work is completed. Therefore, the Commission may be pleased to allow the same.	Rs 222 lakh in 17-18-20		
7	Substation	28.70	0.00	28.70	0.00	28.70	2.87	2017/17 year with Reg. order 76		Rs 19 lakh in 17-18-20		
8	Service Wiring	25.00	0.00	25.00	0.00	25.00	5.51			Rs 22.50 lakh in 17-18-20		
9	Network Wiring	70.62	0.00	70.62	0.00	70.62	0.00	2017/17 year with Reg. order 76	The declaration is being submitted in original copies of bills for the project station. These works get entered under A/C bill as per provisions and work bills are submitted to the Reg. & Offsets and supply agency. It is fully justified as per the declaration and has subsequently entered in transmission accounting under TCCP. As per bill entry bills are submitted under separate bills. The major work in these projects are completed. Further you have been requested. Detailed submissions in this regard are placed in the folder for 2017/17-2020/20 (year) for the work station. Considering the same, the Reg. CIP Commission will consider bills for 17-18-20, 18-19-20, 19-20-21 and 20-21-22 when the work is completed. Therefore, the Commission may be pleased to allow the same.	Rs 94 lakh in 17-18-20		
10	Low Tension wiring	7.25	0.00	7.25	0.00	7.25	0.00	2017/17	The declaration is being submitted in original copies of bills for the project station. These works get entered under A/C bill as per provisions and work bills are submitted to the Reg. & Offsets and supply agency. It is fully justified as per the declaration and has subsequently entered in transmission accounting under TCCP. As per bill entry bills are submitted under separate bills. The major work in these projects are completed. Further you have been requested. Detailed submissions in this regard are placed in the folder for 2017/17-2020/20 (year) for the work station. Considering the same, the Reg. CIP Commission will consider bills for 17-18-20, 18-19-20, 19-20-21 and 20-21-22 when the work is completed. Therefore, the Commission may be pleased to allow the same.			
11	Installation of Network Wiring works in HT and LT	240.00	0.00	240.00	0.00	240.00	0.00	2017/17	The bill capitalization is an account of electricity bills entered under 17-18-20 and 18-19-20 in the category of A/C bill. In this regard, a copy of bills of HT & LT works is submitted to the Reg. & Offsets and supply agency. It is fully justified as per the declaration and has subsequently entered in transmission accounting under TCCP. As per bill entry bills are submitted under separate bills. The major work in these projects are completed. Further you have been requested. Detailed submissions in this regard are placed in the folder for 2017/17-2020/20 (year) for the work station. Considering the same, the Reg. CIP Commission will consider bills for 17-18-20, 18-19-20, 19-20-21 and 20-21-22 when the work is completed. Therefore, the Commission may be pleased to allow the same.			
12	Replacement of 22 kv overhead Feeder with 33 kv overhead Feeder	20.87	0.00	20.87	0.00	20.87	0.00	2017/17	Detailed justification in this regard is placed in the folder for 2017/17			

Year wise Statement of Additional Capitalization after CDD

Name of the Petitioner: ATPL Ltd
 Name of the Generating Station: Muzaffarpur
 CDD: 95.00 MW
 For Financial Year: 2023-24

Sl. No.	Head of Work / Document	CDD covered (Rupees)						Regulatory order which allowed	Justified Cost by the Commission, if any
		Actual Expenditure	Initial CDD	Actual Expenditure per annum	Net discharged liability included under CDD	Capex basis	CDD included in cost of generation		
1	2	3	4	5 = 3 x 365	6	7 = 5/6 x 100	8		
22	0.00 MW								<p>These are the miscellaneous assets which have been bought and capitalised to meet the needs of the plant which are not covered under the cost of the plant and therefore capitalised in the accounts. Including 1. Interest paid on borrowings for the CDD plant. 2. Other miscellaneous assets of minor nature, regulation 22(1) which have been provided in the Statement of Assets and Liabilities of the Corporation of Muzaffarpur. 3. In the Statement of Assets and Liabilities of the Corporation of Muzaffarpur. 4. As per order No. 100/2023 dated 14.08.2023.</p>
	* Furniture & fixtures	41.00	0.00	41.00	0.00	41.00	0.00	003/24	
24	Interest on CDD	-119.75	0.00	-119.75	-119.75	0.00	0.00	003/24	<p>It is a component of working capital included in the foreign component of working capital of the plant as per order No. 100/2023 dated 14.08.2023.</p>
26	Transfer of liability (Interest) of CDD	-123.87	0.00	-123.87	-123.87	0.00	0.00	003/24	
27	Discharge of liability (Sub-Type A)	344.20	0.00	344.20	-344.20	344.20	3076.38	91.82	003/24
42	Working capital (net of interest on loan)								
	Discharge of liability (Sub-Type A)	6.00	0.00	6.00	6.00	6.00	0.00	003/24	
	Total Add Cap for Discharge of Liability	344.20	0.00	344.20	-344.20	344.20	3076.38	91.82	
44	Discharge of Capital Cost Rights or Netted CDD								
1	Discharge of CDD, Net of Capex	-6.24	-7.28	-6.24	0.00	-6.24	0.00	003/24	<p>Discharge in Power</p>
2	Discharge of Capital Cost, Net of Capex	-101.25	-118.24	-101.25	0.00	-101.25	0.00	003/24	
	Total Discharge	-107.49	-125.52	-107.49	0.00	-107.49	0.00		
	Total Add Cap for Discharge of Liability	236.71	-125.52	111.19	-224.20	111.19	3076.38	91.82	

Year-end Statement of Additional Compensation (SAC)

Name of the Participant: WPC 248
 Name of the Governing District: Maryland
 DTD: 01/01/2014
 For Financial Year: 2013-2014

S. No.	Description of Grant / Transaction	SAC (Amount in Rupee)						Resolutions under which granted	Comments	Admitted/Not by the Commission / Any
		Annual Basis	Mid-AY Basis	Annual Basis as per Regn	Un-discharged Liability (Balance in end of)	Cash Basis	DT included (end of)			
1	2	3	4	5 = 3+4	6	7 = 5+6	8			
	Total SAC (see 2014)	1,010.00	43.44	1,053.44	-104.44	949.00	288.44			
1	Grants from Central Govt (Single as per Regn)									
2	Grants from AUDA (Part of Decision)	4.00	28.52	32.52	2.00	34.52	1.00	2013		
3	Grants from State Govt (Part of Decision)	106.00	123.92	229.92	0.00	229.92	0.00	2013	Grants in form	
	Total Grants SAC	110.00	152.44	262.44	2.00	264.44	1.00			
	Total SAC less Discharge of Liability	900.00	121.00	1,021.00	-106.44	914.56	287.44			

Year-wise Statement of Additional Capitalisation after CDD

Name of the Pensioner :- PPLD Ltd
Name of the Generating Station :- Waidan
CDD :- 31.03.2024
Ppl. Karmachy. No. :- 000002

Sl. No.	Name of Work / Equipment	A/C Capital (INR Lak)					CDD Included (Cost %)	Regulation under which claimed	Justification	Amount Cost by the Commission (INR)
		Actual Basis (INR Lak)	INR Lak	Actual Basis as per (CDD)	Amplification Cost (By included in CDD)	Cost Basis				
1	2	3	4	5	6	7	8	9	10	
1	For stand by cable for normal shift									
2	For Protection & Lighting system	28.78	0.00	28.78	0.00	28.78	0.00	Not eligible for justification provided for cost in Form 4 for FY 20-21	INR 28.78	
3	Water Pump	2.44	0.00	2.44	0.00	2.44	0.00	The expenditure of minor civil works is below certain threshold after CDD notification is issued. During tendering process, in the work order issued for items of minor civil works being put to use, the matter for Commission has to be filed as after the date under regulation 29(1)(b) read with regulation 18(2). Hence it is not eligible.		
4	CDD	6.24	0.00	6.24	0.00	6.24	0.00	Not eligible for justification provided for the cost in Form 4 for FY 20-21		
4	CDD									
4	Paint & Varnish	28.98	0.00	28.98	0.00	28.98	0.00	Not eligible for justification as work which has not been sighted and inspected at tender cost items where 2% is not commensurate with the utility of the work and has been mentioned in the tender spec, including a tender cost as stated in 29(1)(b) of the tender, or major civil works of minor nature, Regulation 29(2)(a) has been provided in the Tender specification. Therefore, capitalization of these CDD works of minor nature is not eligible for accounting as per clause 4(g) 29(2)(a).		
5	Cumulative Charges	4.87	0.00	4.87	0.00	4.87	0.00			
6	Other Office Expenses	0.22	0.00	0.22	0.00	0.22	0.00			
7	Other CDD	25.75	0.00	25.75	0.00	25.75	0.00	Not eligible for justification as per clause 4(g) 29(2)(a) of the tender specification of work under digital work order Form 4.		
8	Works under contract for CDD	220	224.05	224.05	0.00	224.05	0.00	The expenditure in provision of foreign exchange rate variation (FRV) in the foreign work component of the work order digital work of INR 220 for the year 20-21. As per clause 4(g) 29(2)(a) of the tender spec, including a tender cost as stated in 29(1)(b) of the tender, or major civil works of minor nature, Regulation 29(2)(a) has been provided in the Tender specification. Therefore, capitalization of these CDD works of minor nature is not eligible for accounting as per clause 4(g) 29(2)(a).		
9	Provision of fuel for generator	0.88	0.00	0.88	0.00	0.88	0.00	Not eligible		
10	Charge of bank for									
	Sub-total A1	35.41	24.05	24.05	0.00	24.05	0.00			
11	For work eligible for cost as per clause 4(g) 29(2)(a) of the tender									
	Charge of bank for									
	Sub-total A2	0.88	0.00	0.88	0.00	0.88	0.00			
	Total CDD Cost (INR Lak)	78.01	24.05	24.05	0.00	24.05	0.00			

Year-wise Statement of Additional Capitalization after CGL

Name of the Petitioner: - DPL Ltd
 Name of the Generating Station: - Haveli
 CGL: - 34.02.2014
 Ppl. License No: - 102272

Sl. No.	Head of Work / Equipment	A/C Capital (INR Lak)					Regulatory order which claimed	Justification	Amount paid to the Commission, if any
		Actual Expenditure	(+/-) A/C Add.	Actual Expenditure per year	Amortization Cost (to be included in A/C)	Cost/Year			
1	0	0	0	0	0	0			
2	Debit (When or Current Cost) (Migliorati Formed 200)								
3	Transfer of CGL, Petrol, Oil, etc.	-27.27	-27.27	-27.27	2.00	-25.27	2.00		
4	Cost of Capital Goods, Depn of Depn	-288.74	-288.74	-288.74	2.00	-290.74	2.00	2011	
	Total Expend 43	-316.01	-316.01	-316.01	4.00	-320.01	4.00		
	Total Add Cap (in discharge of CGL)	-316.01	-316.01	-316.01	4.00	-320.01	4.00		

Year-wise Statement of Additional Qualifications after 2019

Name of the National Institute 2019-20
 Name of the Governing Body / Member 2019-2020
 For Financial Year: 2020-21

Sl. No.	Head of work / Document	with signed (Annual)						Regulations under which framed	Justification	Approved Date by the Commission (Date)
		Annual basis	(IN R.S. IN)	Annual basis in per dollar	Discharged under / included in sec. 2	Cash basis	IN INR-IN			
1	2	3	4	5	6	7	8			
1	New Admission & Grievance System	1.27	0.00	1.27	0.00	1.27	0.00	2019(1) (under regulation 10)	The constitution of the new admission system was approved by the Commission's recommendation during various meetings. As the work is done over the course of time, the work is being put to use. The new admission system has been approved by the Commission. The Commission has approved the new admission system.	
2	Self Study Program	600.00	0.00	600.00	0.00	600.00	0.00	2019(2)	The self-study program for the Self Study Program was approved by the Commission. The Commission has approved the self-study program. The Commission has approved the self-study program.	
3	Lab/Field Visit	60.00	0.00	60.00	0.00	60.00	0.00	2019(3)	The Commission has approved the Lab/Field Visit program. The Commission has approved the Lab/Field Visit program. The Commission has approved the Lab/Field Visit program.	
4	New Regulation	600.00	0.00	600.00	0.00	600.00	0.00	2019(4)	<p>The Commission has approved the New Regulation. The Commission has approved the New Regulation. The Commission has approved the New Regulation.</p> <p>The Commission has approved the New Regulation. The Commission has approved the New Regulation. The Commission has approved the New Regulation.</p> <p>The Commission has approved the New Regulation. The Commission has approved the New Regulation. The Commission has approved the New Regulation.</p> <p>The Commission has approved the New Regulation. The Commission has approved the New Regulation. The Commission has approved the New Regulation.</p>	

Year-wise Statement of Additional Contributions after 2010

Name of the National Institute (NIC) : IITM
 Name of the Governing Body (Member) : IITM
 For Financial Year : 2022-23

S.No.	Head of work / Statement	with signed (Actual)						Regulation under which framed	Justification	Approved Date by the Commission (Date)
		Account year	(IN IN Lakhs)	Actual taken in per share	Dis-charged/ paid/In included in acc. 2	Cash taken	STC included (in acc. 2)			
1	2	3	4	5	6	7	8			
6	Frome Share Capital Bridge for self funding through fee	2019-20	0.00	200.00	22.27	227.44	2.00	Regulation 20(1)(b) and Regulation 20(1)(c)	The capitalisation is pertaining to necessary infrastructure for self-funding. These extra weightage has been provided in the bill of sale for measuring the weight of self-funding in the form of self-funding. This is consistent of the same weight bridge, weighing of self-funding is going down in the same weight bridge with a view of under which the whole self-funding bridge goes in the same and self-funding is not being treated as a liability in the bill of sale. This is also consistent with the weightage mechanism self-funding which is not being reduced from more than 25% but can be reduced to 10% from 20% resulting into increased weightage of 20% for self-funding. This is also consistent with the 20% contribution of self-funding as per 1000-2000 contribution under 20(1)(b) regarding self-funding. In view of the above, the Commission may be pleased to allow the contribution under 20(1)(b) 20(1)(c) and with Regulation 20(1)(d) of the Regulations 2010.	
7	Self-Funding through National Research Service Scheme	2017-18	2.00	202.75	200.74	202.54	2.00	20(1)(a)	The income contribution is on behalf of capital expenditure incurred for acquisition of IITM from the 100% equity of the National Research Service (NRS) from the National Service. This part of IITM from the National Research Service (NRS) from the National Service, along with maximum under Section 10(1)(a) of the Income Tax Act, 1961, is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service (NRS) from the National Service. This self-funding part of the National Research Service (NRS) from the National Service is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. Justification is being provided through the attached form at Annexure-471.	
8	Interest							20(1)(d)	There are the interest income earned on the loan taken through the bank in the form of cash which is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. This interest income is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. Therefore, contribution of this interest income is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service.	
9	Patent & Royalty	2019-20	3.00	200.00	3.00	207.04	3.00			
10	Interest STI	2019-20	0.00	11.87	11.87	3.00	0.00	20(1)(d)	It is a non-revenue of foreign exchange rate variation in the foreign component of work under the self-funding mechanism.	
11	Frome STI (Foreign STI)	2019-20	11.44	11.44	0.00	11.44	2.00	20(1)(d)	The contribution is an amount of foreign exchange rate variation (STI) in the foreign component of the work under the self-funding mechanism of work for the work under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. This amount is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. This amount is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service. Therefore, contribution of this amount is being treated as a liability with the Government under Section 10(1)(a) of the Income Tax Act, 1961, for the National Research Service.	
12	Change of liability					200.00	20.00	20(1)(d)	Regulation 20	
	Subtotal 6-12	2019-20	13.44	200.00	34.17	200.74	0.00			
13	For assets eligible for self-funding through weightage of interest income									

Year-over Statement of Additional Contributions after 2010

Name of the Participant: 12710104
 Name of the Benefiting Student: (Student)
 SSN: 0000-0000
 For Financial Year: 12000-00

A. No.	Head of Household / dependent	with claimed (Actual)						Repayments under which claimed	Justification	Admitted Date by the Commission (Date)
		Annual base	(12-01-16)	Annual base as per donor	Discharged amount (included in sec. 5)	Cash base	SEC included (in sec. 5)			
1	2	3	4a	4b = 3-4a	5	6 = 3-5	7			
	Change of liability									
	Subtotal #2	0.00	0.00	0.00	0.00	0.00	0.00			
	Total Add Tax (Sec 505)	2160.21	228.28	2388.00	228.28	4682.21	0.00			
4.2	Revol. Part of Capital Gain (High/Low or Normal NDC)									
1	Change of NDC - Rev of Cap Gain	-15.42	0.72	16.14	0.72	16.14	0.00	25%	Change in Revol.	
2	Change of Capital Gain - Rev of Cap Gain	1245.25	227.53	407.80	0.00	407.80	0.00	25%		
	Total/Revol.	-15.42	227.53	407.80	0.00	407.80	0.00			
	Total Add Tax (w/ Change of liability)	2144.79	228.00	2407.00	228.28	4682.00	0.00			

**PART-I
FORM-10**

Name of the Petitioner	NTPC Limited
Name of the Generating Station	Mauda-I
Date of Commercial Operation	30-03-2014

Financial Year (Starting from COD)1	Actual				
	2019-20	2020-21	2021-22	2022-23	2023-24
1		3	4	5	6

Amount capitalised in Work/ Equipment:

Financing Details	Add cap is financed in Debt:Equity ratio of 70:30
Loan-1	
Loan-2	
Loan-3 and so on	
Total Loan ²	
Equity	
Internal Resources	
Others (Pl. specify)	
Total	

Calculation of Depreciation

Name of the Petitioner: NTRC Limited
Name of the Trustee: Manda L

(Amount in Ru Lakhs)

S.No.	Name of the Asset	Depreciation Rate As per CEEC/ Depreciation Rate Schedule	Depreciation											
			Asset Booked on 01.04.2019	Depreciation rate as on 01.04.2019	Gross Block as on 01.04.2020	Depreciation rate as on 01.04.2020	Gross Block as on 01.04.2021	Depreciation rate as on 01.04.2021	Gross Block as on 01.04.2022	Depreciation rate as on 01.04.2022	Gross Block as on 01.04.2023	Depreciation rate as on 01.04.2023	Gross Block as on 01.04.2024	Depreciation rate as on 01.04.2024
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Freehold Land	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Leasehold Land	3.54%	26183.54	881.21	24183.54	881.21	24183.54	881.21	24183.54	881.21	24183.54	881.21	24183.54	881.21
3	Land - Right of use	3.04%	3227.31	48.88	3227.31	48.88	3227.31	48.88	3227.31	48.88	3227.31	48.88	3227.31	48.88
4	Buildings, structures & fixtures	3.54%	18951.50	700.82	18250.68	700.82	17549.86	700.82	16849.04	700.82	16148.22	700.82	15447.40	700.82
5	Main Plant Buildings	3.54%	8769.25	227.18	7892.07	248.44	7014.89	249.41	6137.71	249.41	5260.53	249.41	4383.35	249.41
6	Other Buildings	3.54%	11118.21	355.58	10756.64	355.58	10395.07	355.58	10033.50	355.58	9671.93	355.58	9309.36	355.58
7	Transporter vehicles	100.00%	127.18	127.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	New equip, fittings & misc	3.24%	8241.27	242.78	8008.49	242.78	7775.71	242.78	7542.93	242.78	7310.15	242.78	7077.37	242.78
9	Motor vehicles	1.24%	10822.31	109.42	10712.89	109.42	10603.47	110.44	10494.05	110.44	10384.63	110.44	10275.21	110.44
10	Bank term deposits	3.24%	180.00	28.37	151.63	28.37	123.26	28.37	94.89	28.37	66.52	28.37	38.15	28.37
11	Furniture and fixtures	3.24%	27143.12	1140.53	26002.59	1091.18	24862.06	1081.83	23721.53	1072.48	22581.00	1063.13	21440.47	1053.78
12	Finance and loans	6.24%	1490.88	113.28	1377.60	113.28	1264.32	113.28	1151.04	113.28	1037.76	113.28	924.48	113.28
13	Other Office Equipment	8.24%	128.21	14.87	113.34	14.87	98.47	14.87	83.60	14.87	68.73	14.87	53.86	14.87
14	ITP, WIP machines & JATTON equipment	13.00%	138.88	20.88	118.00	20.88	97.12	20.88	76.24	20.88	55.36	20.88	34.48	20.88
15	Vehicle, motor vehicles	3.00%	1.71	0.18	1.53	0.18	1.35	0.18	1.17	0.18	0.99	0.18	0.81	0.18
16	Construction equipment	3.24%	1500.00	78.20	1421.80	78.20	1343.60	78.20	1265.40	78.20	1187.20	78.20	1109.00	78.20
17	Electric machinery	1.24%	12882.31	993.41	11888.90	974.74	10895.49	956.07	9902.08	937.40	8908.67	918.73	7915.26	870.06
18	Communication equipment	6.24%	225.77	14.24	211.53	14.24	197.29	14.24	183.05	14.24	168.81	14.24	154.57	14.24
19	Medical equipment	3.24%	42.31	1.51	40.80	1.51	39.29	1.51	37.78	1.51	36.27	1.51	34.76	1.51
20	Laboratory and analytical equipment	3.24%	262.30	28.88	233.42	28.88	204.54	28.88	175.66	28.88	146.78	28.88	117.90	28.88
21	Software	33.00%	12.34	8.33	4.01	3.11	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			89814.87	2188.48	87626.39	2412.48	85213.91	2632.22	82801.69	2852.42	80349.27	3072.87	77976.40	3303.67
Weighted Average Rate of Depreciation (%)				2.4928%		2.8928%		2.8928%		2.8928%		2.8928%		2.8928%

Statement of Depreciation

Name of the Company : NTPC Limited
Name of the Power Station : Mandsi-I

(Amount in Rs Lakh)

S No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Opening Capital Cost	6,62,261.53	6,63,966.80	6,64,542.20	6,66,112.64	6,68,009.72	6,67,769.22
2	Closing Capital Cost	6,63,966.80	6,64,542.20	6,66,112.64	6,68,009.72	6,67,769.22	6,72,372.15
3	Average Capital Cost	6,63,114.17	6,64,254.50	6,65,327.42	6,67,061.18	6,67,889.42	6,70,020.69
3a	Opening Cost of IT Equipments & Software		195.53	161.92	153.71	118.21	102.40
3b	Closing Cost of IT Equipments & Software		161.92	153.71	118.21	102.40	102.40
3c	Average Cost of IT Equipments & Software		178.72	157.81	135.91	110.26	102.40
4	Freehold land	-	-	-	-	-	-
5	Rate of Depreciation (%)	5.0963	5.0926	5.0833	5.0920	5.0928	5.0956
6	Aggregate Depreciable value	3,98,802.73	3,97,346.92	3,98,810.46	4,00,168.67	4,01,111.50	4,05,028.81
	Remaining aggregate Depreciable Value	4,51,193.20	4,85,928.94	4,63,356.82	4,31,189.73	3,68,111.32	3,66,283.22
7	Balance useful life at the beginning of the period	20.47	19.47	18.47	17.47	16.47	15.47
8	Depreciation (for the period)	33,797.61	33,827.54	33,887.45	33,366.98	34,014.42	34,128.04
10	Depreciation (accumulated)	35,793.67	55,827.54	35,887.45	33,966.94	34,014.42	34,128.04
11	Cumulative depreciation at the end of the period	1,02,034.29	1,55,745.52	1,69,361.09	2,03,145.91	2,37,014.60	2,70,871.62
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	-	-	-	-	-	-
14	Less: Cumulative depreciation adjustment on account of de-capitalisation	116.31	271.88	182.16	145.73	271.02	256.23
15	Net Cumulative Depreciation at the end of the period after adjustments	1,01,917.98	1,55,473.64	1,69,178.93	2,02,800.18	2,36,743.58	2,70,615.39

(Partner)

Calculation of Interest on Actual Loans		Form 17				
Name of the Company	NYPC Limited	Amount in MUSD				
Name of the Power Station	MOUSA 1					
Sl. no.	Particular	2020-21	2020-21	2021-22	2022-23	2023-24
1.	5.40% Fixed Rate Notes due 2021					
	Book value - Opening	43391.31	43391.31	43391.31	43391.31	43391.31
	Cumulative repayments of loans with principal interest	2.33	2.33	2.33	2.33	2.33
	Net loan - Opening	43388.98	43388.98	43388.98	43388.98	43388.98
	Interest - Decrease due to FSI	3.34	3.34	3.34	3.34	3.34
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	43385.64	43385.64	43385.64	43385.64	43385.64
	Repayments of loans during the period	1.07	1.07	1.07	1.07	1.07
	Net loan - Closing	43386.71	43386.71	43386.71	43386.71	43386.71
	Interest for Loan	2328.91	2328.91	2328.91	2328.91	2328.91
	Cost of Interest on Loan	7.1866%	7.1866%	7.1866%	7.1866%	7.1866%
	Interest on loan (rounded)	315.18	315.18	315.18	315.18	315.18
2.	4.70% Fixed Rate Notes due 2022					
	Book value - Opening	23730.24	23730.24	23730.24	23730.24	23730.24
	Cumulative repayments of loans with principal interest	2.33	2.33	2.33	2.33	2.33
	Net loan - Opening	23727.91	23727.91	23727.91	23727.91	23727.91
	Interest - Decrease due to FSI	1.42	1.42	1.42	1.42	1.42
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	23726.49	23726.49	23726.49	23726.49	23726.49
	Repayments of loans during the period	1.07	1.07	1.07	1.07	1.07
	Net loan - Closing	23727.56	23727.56	23727.56	23727.56	23727.56
	Interest for Loan	1118.21	1118.21	1118.21	1118.21	1118.21
	Cost of Interest on Loan	4.7247%	4.7247%	4.7247%	4.7247%	4.7247%
	Interest on loan (rounded)	111.82	111.82	111.82	111.82	111.82
3.	5.00 New York Agreement from 29.05.2020					
	Book value - Opening	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of loans with principal interest	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	500.00	500.00	500.00	500.00	500.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	500.00	500.00	500.00	500.00	500.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	500.00	500.00	500.00	500.00	500.00
	Interest for Loan	25.00	25.00	25.00	25.00	25.00
	Cost of Interest on Loan	5.0000%	5.0000%	5.0000%	5.0000%	5.0000%
	Interest on loan (rounded)	25.00	25.00	25.00	25.00	25.00
4.	4.40% Fixed Rate Notes due 2024					
	Book value - Opening	1110.00	1110.00	1110.00	1110.00	1110.00
	Cumulative repayments of loans with principal interest	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1110.00	1110.00	1110.00	1110.00	1110.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	1110.00	1110.00	1110.00	1110.00	1110.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1110.00	1110.00	1110.00	1110.00	1110.00
	Interest for Loan	48.42	48.42	48.42	48.42	48.42
	Cost of Interest on Loan	4.3532%	4.3532%	4.3532%	4.3532%	4.3532%
	Interest on loan (rounded)	48.42	48.42	48.42	48.42	48.42
5.	USD 750 Million Green II Refinancing Euro Bonds					
	Book value - Opening	0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of loans with principal interest	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Interest for Loan	0.00	0.00	0.00	0.00	0.00
	Cost of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (rounded)	0.00	0.00	0.00	0.00	0.00
6.	Green Bonds IX (Refinanced by NYPC 00)					
	Book value - Opening	200.00	200.00	200.00	200.00	200.00
	Cumulative repayments of loans with principal interest	200.00	200.00	200.00	200.00	200.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Interest for Loan	0.00	0.00	0.00	0.00	0.00
	Cost of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (rounded)	0.00	0.00	0.00	0.00	0.00
7.	NYPC Note 1 (Refinanced from 20.09.2017)					
	Book value - Opening	1200.00	1200.00	1200.00	1200.00	1200.00
	Cumulative repayments of loans with principal interest	1200.00	1200.00	1200.00	1200.00	1200.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Interest for Loan	0.00	0.00	0.00	0.00	0.00
	Cost of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (rounded)	0.00	0.00	0.00	0.00	0.00
8.	NYPCO LTD 1 (Refinanced by NYPC 00)					
	Book value - Opening	200.00	200.00	200.00	200.00	200.00
	Cumulative repayments of loans with principal interest	200.00	200.00	200.00	200.00	200.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to FSI	0.00	0.00	0.00	0.00	0.00
	Interest - Decrease due to ACR (Over) during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00
	Interest for Loan	0.00	0.00	0.00	0.00	0.00
	Cost of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on loan (rounded)	0.00	0.00	0.00	0.00	0.00

Calculation of Interest on Actual Loans					Form 17	
Name of the Company Name of the Power Station		NTPC Limited MUSKA F			Amount in INR	
Sr. No.	Particulars	2018-21	2020-21	2021-22	2022-23	2023-24
3	Indira Deemed Govt. Co-Operative Society Ltd. (ICCS)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
4	Indira Bank II Repayment from 28.12.2012	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
5	Indira Bank III (Repayment by Bond 99-1243.75 Loans)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
6	P.V. V Total Assesment from 18.07.2013	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
7	HEL III Repayment from 28.05.2014	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
8	Sanjivani Bank III (Repayment by NTPC III)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
9	United Bank IX (Repayment by Bond 99-2044.25 Loans)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
10	United Bank of India XI Repayment from 11.02.2017	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Prin. amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cumulative repayments of loans upto previous period	-	-	-	-	-
	Net amt. - Opening	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Cost of interest on loan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
	Interest on loan accumulated	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Calculation of Interest on Actual Loans							Form 17
Name of the Company Name of the Power Station		NTPC Limited INDIA 1					
		Amount in INR					
Sr. no.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	
	Rate of interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
22	Construction Bank IV (1) Reassessment from 11.05.2023 (MPCB 2) (also re-assessment)						
	Prin. amt. - Opening	1024.84	1024.84	1024.84	1024.84	1024.84	
	Cumulative repayments of loans upto previous period	1024.84	1024.84	1024.84	1024.84	1024.84	
	Prin. amt. - Closing	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	1024.84	1024.84	1024.84	1024.84	1024.84	
	Prin. amt. - Closing	1024.84	1024.84	1024.84	1024.84	1024.84	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
23	HDFC Bank Ltd. (2) (1) Reassessment from 17.06.2018						
	Prin. amt. - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	
	Cumulative repayments of loans upto previous period	3000.00	3000.00	3000.00	3000.00	3000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	4444.44	2688.89	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	3000.00	3000.00	3000.00	4444.44	2688.89	
	Prin. amt. - Closing	3000.00	3000.00	3000.00	4444.44	2688.89	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
24	HDFC Bank Ltd. (2) (1) Reassessment from 26.06.2024						
	Prin. amt. - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	
	Cumulative repayments of loans upto previous period	3000.00	3000.00	3000.00	3000.00	3000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	3000.00	3000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	3000.00	3000.00	3000.00	3000.00	3000.00	
	Prin. amt. - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
25	HRD-VIII						
	Prin. amt. - Opening	3000.00	3000.00	3000.00	3000.00	3000.00	
	Cumulative repayments of loans upto previous period	3000.00	3000.00	3000.00	3000.00	3000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	3000.00	3000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	3000.00	3000.00	3000.00	3000.00	3000.00	
	Prin. amt. - Closing	3000.00	3000.00	3000.00	3000.00	3000.00	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
26	HRD-VIII (2) (1) Reassessment from 31.01.2023 (Punjab & Rod Bank 2) (assessment year)						
	Prin. amt. - Opening	4000.00	4000.00	4000.00	4000.00	4000.00	
	Cumulative repayments of loans upto previous period	4000.00	4000.00	4000.00	4000.00	4000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	4000.00	4000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	4000.00	4000.00	4000.00	4000.00	4000.00	
	Prin. amt. - Closing	4000.00	4000.00	4000.00	4000.00	4000.00	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
27	HRD-XII (2) Reassessment from 21.03.2024 (MPCB Bank-1) (assessment year)						
	Prin. amt. - Opening	1000.00	1000.00	1000.00	1000.00	1000.00	
	Cumulative repayments of loans upto previous period	1000.00	1000.00	1000.00	1000.00	1000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	1000.00	1000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00	
	Prin. amt. - Closing	1000.00	1000.00	1000.00	1000.00	1000.00	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	
28	HDFC (2) (1) Reassessment from 04.12.2024						
	Prin. amt. - Opening	1000.00	1000.00	1000.00	1000.00	1000.00	
	Cumulative repayments of loans upto previous period	1000.00	1000.00	1000.00	1000.00	1000.00	
	Prin. amt. - Closing	0.00	0.00	0.00	1000.00	1000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to ACR during the period	0.00	0.00	0.00	0.00	0.00	
	Prin. amt. of loans during the period	1000.00	1000.00	1000.00	1000.00	1000.00	
	Prin. amt. - Closing	1000.00	1000.00	1000.00	1000.00	1000.00	
	Interest on loan	8.0000%	8.7500%	9.0000%	9.2500%	9.5000%	
	Interest on loan accumulated	141.39	110.11	79.35	72.86	58.33	

Calculation of Interest on Actual Loans					Form 17	
Name of the Company Name of the Power Station		NTPC Limited INDIA 7				
Amount in INR						
Sl. no.	Particulars	2018-21	2020-21	2021-22	2022-23	2023-24
	Interest on Loan Accrued	352.18	352.71	356.33	355.86	351.11
28	NTPC DE Refinancing of HANCOI					
	Loan amt - Opening	1.00	0.00	1,000.00	1,000.00	1,000.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	1.00	0.00	1,000.00	1,000.00	1,000.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	1.00	0.00	1,000.00	1,000.00	1,000.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	1.00	0.00	1,000.00	1,000.00	1,000.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	1.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
29	NTPC DE Refinancing of Vidya Sagar IV					
	Loan amt - Opening	0.00	0.00	307.26	307.26	307.26
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	0.00	0.00	307.26	307.26	307.26
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	307.26	307.26	307.26
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	0.00	0.00	307.26	307.26	307.26
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	1.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
30	NTPC DE Refinancing of Synthetic Gas-310					
	Loan amt - Opening	0.00	0.00	300.00	300.00	300.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	0.00	0.00	300.00	300.00	300.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	0.00	0.00	300.00	300.00	300.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	0.00	0.00	300.00	300.00	300.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	1.0000%	0.0000%	0.0000%	0.0000%	0.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
31	Bonds 300 Series - Issued repayment on 25.05.2019					
	Loan amt - Opening	300.00	300.00	300.00	300.00	300.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	300.00	300.00	300.00	300.00	300.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	300.00	300.00	300.00	300.00	300.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	300.00	300.00	300.00	300.00	300.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.0000%	7.0000%	7.0000%	7.0000%	7.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
32	Bonds 300 Series - Issued repayment from 28.01.2022					
	Loan amt - Opening	250.00	250.00	250.00	250.00	250.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	250.00	250.00	250.00	250.00	250.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	250.00	250.00	250.00	250.00	250.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	250.00	250.00	250.00	250.00	250.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.0000%	8.0000%	8.0000%	8.0000%	8.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
33	Bonds 300 Series - Issued repayment from 04.06.2021					
	Loan amt - Opening	300.00	300.00	300.00	300.00	300.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	300.00	300.00	300.00	300.00	300.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	300.00	300.00	300.00	300.00	300.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	300.00	300.00	300.00	300.00	300.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.0000%	8.0000%	8.0000%	8.0000%	8.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
34	Bonds 300 Series - Issued repayment on 04.12.2022					
	Loan amt - Opening	200.00	200.00	200.00	200.00	200.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	200.00	200.00	200.00	200.00	200.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	200.00	200.00	200.00	200.00	200.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	200.00	200.00	200.00	200.00	200.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.0000%	8.0000%	8.0000%	8.0000%	8.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
35	Bonds 300 Series - Issued repayment on 04.12.2022					
	Loan amt - Opening	200.00	200.00	200.00	200.00	200.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00
	Net amt - Opening	200.00	200.00	200.00	200.00	200.00
	Interest - Accrued but not paid	0.00	0.00	0.00	0.00	0.00
	Interest - Accrued but not paid during the period	0.00	0.00	0.00	0.00	0.00
	Net	200.00	200.00	200.00	200.00	200.00
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00
	Net amt - Closing	200.00	200.00	200.00	200.00	200.00
	Interest on Loan	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	8.0000%	8.0000%	8.0000%	8.0000%	8.0000%
	Interest on Loan Accrued	0.00	0.00	0.00	0.00	0.00
36	Bonds 300 Series - Issued repayment on 07.01.2022					
	Loan amt - Opening	180.00	180.00	180.00	180.00	180.00
	Cumulative repayments of loans with arrears interest	0.00	0.00	0.00	0.00	0.00

Calculation of Interest on Actual Loans					Form 17	
Name of the Company Name of the Power Station		MTRC Limited MOUNTA 7			Amount in MUSD	
S. No.	Particular	2019-20	2020-21	2021-22	2022-23	2023-24
17	Net loan - Opening	1600.00	1600.00	1600.00	1600.00	1600.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1500.00	1500.00	1500.00	1500.00	1500.00
	Average Net Loan	1550.00	1500.00	1500.00	1500.00	1500.00
Rate of Interest on Loan	8.7000%	8.7000%	8.7000%	8.7000%	8.7000%	
Interest on Loan Accrued	130.50	130.50	130.50	130.50	130.50	
26	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1900.00	1900.00	1900.00	1900.00	1900.00
	Average Net Loan	1950.00	1900.00	1900.00	1900.00	1900.00
Rate of Interest on Loan	8.8000%	8.8000%	8.8000%	8.8000%	8.8000%	
Interest on Loan Accrued	171.00	168.20	168.20	168.20	168.20	
28	Net loan - Opening	2000.00	2000.00	2000.00	2000.00	2000.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1900.00	1900.00	1900.00	1900.00	1900.00
	Average Net Loan	1950.00	1900.00	1900.00	1900.00	1900.00
Rate of Interest on Loan	8.8000%	8.8000%	8.8000%	8.8000%	8.8000%	
Interest on Loan Accrued	171.00	168.20	168.20	168.20	168.20	
34	Net loan - Opening	1400.00	1400.00	1400.00	1400.00	1400.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1300.00	1300.00	1300.00	1300.00	1300.00
	Average Net Loan	1350.00	1300.00	1300.00	1300.00	1300.00
Rate of Interest on Loan	8.9000%	8.9000%	8.9000%	8.9000%	8.9000%	
Interest on Loan Accrued	119.25	115.70	115.70	115.70	115.70	
42	Net loan - Opening	1800.00	1800.00	1800.00	1800.00	1800.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1700.00	1700.00	1700.00	1700.00	1700.00
	Average Net Loan	1750.00	1700.00	1700.00	1700.00	1700.00
Rate of Interest on Loan	8.8000%	8.8000%	8.8000%	8.8000%	8.8000%	
Interest on Loan Accrued	153.75	149.60	149.60	149.60	149.60	
44	Net loan - Opening	1300.00	1300.00	1300.00	1300.00	1300.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	1200.00	1200.00	1200.00	1200.00	1200.00
	Average Net Loan	1250.00	1200.00	1200.00	1200.00	1200.00
Rate of Interest on Loan	8.8000%	8.8000%	8.8000%	8.8000%	8.8000%	
Interest on Loan Accrued	108.75	105.60	105.60	105.60	105.60	
47	Net loan - Opening	900.00	900.00	900.00	900.00	900.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	800.00	800.00	800.00	800.00	800.00
	Average Net Loan	850.00	800.00	800.00	800.00	800.00
Rate of Interest on Loan	8.7000%	8.7000%	8.7000%	8.7000%	8.7000%	
Interest on Loan Accrued	72.75	69.60	69.60	69.60	69.60	
49	Net loan - Opening	1000.00	1000.00	1000.00	1000.00	1000.00
	Decrease - Decrease due to REP	0.00	0.00	0.00	0.00	0.00
	Decrease - Decrease due to AOC/OTR during the period	100.00	100.00	100.00	100.00	100.00
	Chk	0.00	0.00	0.00	0.00	0.00
	Repayments of loans during the period	100.00	100.00	100.00	100.00	100.00
	Net loan - Closing	900.00	900.00	900.00	900.00	900.00
	Average Net Loan	950.00	900.00	900.00	900.00	900.00
Rate of Interest on Loan	8.7000%	8.7000%	8.7000%	8.7000%	8.7000%	
Interest on Loan Accrued	81.75	78.30	78.30	78.30	78.30	

Calculation of Interest on Actual Loans					Form 17	
Name of the Company Name of the Power Station		ATPC Limited MUSKA 7			Amount in INR	
Sl. no.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23
	Net loan - Opening	2281.74	2281.74	2281.74	2281.74	2281.74
	Interest on loan	2281.74	2281.74	2281.74	2281.74	2281.74
	Cost of interest on loan	2,540.00	1,540.00	1,540.00	1,540.00	1,540.00
	Interest on loan accumulated	228.17	228.17	228.17	228.17	228.17
44	Block 44 Service - Interest refundment on 04.03.2024					
	Block loan - Opening	4798.00	4798.00	4798.00	4798.00	4798.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	4798.00	4798.00	4798.00	4798.00	4798.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	4798.00	4798.00	4798.00	4798.00	4798.00
	Repayments of loans during the period					
	Net loan - Closing	4798.00	4798.00	4798.00	4798.00	4798.00
	Interest on loan	4798.00	4798.00	4798.00	4798.00	4798.00
	Cost of interest on loan	5,400.00	3,400.00	3,400.00	3,400.00	3,400.00
	Interest on loan accumulated	479.80	479.80	479.80	479.80	479.80
45	Block 45 Service					
	Block loan - Opening	21890.00	21890.00	21890.00	21890.00	21890.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	21890.00	21890.00	21890.00	21890.00	21890.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	21890.00	21890.00	21890.00	21890.00	21890.00
	Repayments of loans during the period				4280.00	5280.00
	Net loan - Closing	21890.00	21890.00	21890.00	17610.00	16610.00
	Interest on loan	21890.00	21890.00	21890.00	17610.00	16610.00
	Cost of interest on loan	2,500.00	1,500.00	1,500.00	1,500.00	1,500.00
	Interest on loan accumulated	2189.00	2189.00	2189.00	2189.00	2189.00
46	Block 46 Service					
	Block loan - Opening	2788.00	2788.00	2788.00	2788.00	2788.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	2788.00	2788.00	2788.00	2788.00	2788.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	2788.00	2788.00	2788.00	2788.00	2788.00
	Repayments of loans during the period					
	Net loan - Closing	2788.00	2788.00	2788.00	2788.00	2788.00
	Interest on loan	2788.00	2788.00	2788.00	2788.00	2788.00
	Cost of interest on loan	3,200.00	2,200.00	2,200.00	2,200.00	2,200.00
	Interest on loan accumulated	278.80	278.80	278.80	278.80	278.80
47	Block 47 Service					
	Block loan - Opening	3288.00	3288.00	3288.00	3288.00	3288.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	3288.00	3288.00	3288.00	3288.00	3288.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	3288.00	3288.00	3288.00	3288.00	3288.00
	Repayments of loans during the period		690.00			
	Net loan - Closing	3288.00	2598.00	3288.00	3288.00	3288.00
	Interest on loan	3288.00	2598.00	3288.00	3288.00	3288.00
	Cost of interest on loan	3,800.00	2,800.00	3,800.00	3,800.00	3,800.00
	Interest on loan accumulated	328.80	259.80	328.80	328.80	328.80
48	Block 48 Service					
	Block loan - Opening	3788.00	3788.00	3788.00	3788.00	3788.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	3788.00	3788.00	3788.00	3788.00	3788.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	3788.00	3788.00	3788.00	3788.00	3788.00
	Repayments of loans during the period					
	Net loan - Closing	3788.00	3788.00	3788.00	3788.00	3788.00
	Interest on loan	3788.00	3788.00	3788.00	3788.00	3788.00
	Cost of interest on loan	4,400.00	3,400.00	3,400.00	3,400.00	3,400.00
	Interest on loan accumulated	378.80	378.80	378.80	378.80	378.80
49	Block 49 Service (Block VI Loan refundment)					
	Block loan - Opening	718.00	718.00	718.00	718.00	718.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	718.00	718.00	718.00	718.00	718.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	718.00	718.00	718.00	718.00	718.00
	Repayments of loans during the period					
	Net loan - Closing	718.00	718.00	718.00	718.00	718.00
	Interest on loan	718.00	718.00	718.00	718.00	718.00
	Cost of interest on loan	8,400.00	6,400.00	6,400.00	6,400.00	6,400.00
	Interest on loan accumulated	71.80	71.80	71.80	71.80	71.80
50	Block 50 Service (Refundment of Initial Aem. III)					
	Block loan - Opening	118.00	118.00	118.00	118.00	118.00
	Accumulated repayments of loans upto previous period					
	Net loan - Opening	118.00	118.00	118.00	118.00	118.00
	Interest - Decrease due to PFI					
	Interest - Decrease due to AEC/OTM during the period					
	Net	118.00	118.00	118.00	118.00	118.00
	Repayments of loans during the period					
	Net loan - Closing	118.00	118.00	118.00	118.00	118.00
	Interest on loan	118.00	118.00	118.00	118.00	118.00
	Cost of interest on loan	1,400.00	1,400.00	1,400.00	1,400.00	1,400.00
	Interest on loan accumulated	11.80	11.80	11.80	11.80	11.80

Calculation of Interest on Actual Loans						Form 17
Name of the Company Name of the Power Station		NTPC Limited INDIA 1				
						Amount in INR
S. No.	Particulars	2018-20	2019-21	2020-21	2021-22	2022-23
61	Block 62 Series (Refranchising of United Bank of India IV)					
	Block 62 - Opening	10000000000	10000000000	10000000000	10000000000	10000000000
	Cumulative repayments of loans with principal interest	10000000000	10000000000	10000000000	10000000000	10000000000
	Net 62 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 62 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 62 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
62	Block 72 Series (Wharf)					
	Block 72 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 72 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
63	Block 72 Series (Refranchising PFC VI)					
	Block 72 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 72 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
64	Block 72 Series (Refranchising PFC VI)					
	Block 72 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 72 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
65	Block 72 Series (Refranchising PFC VI)					
	Block 72 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 72 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
66	Block 72 Series (Refranchising PFC VI)					
	Block 72 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 72 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 72 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
67	Block 74 Series					
	Block 74 - Opening	0	0	0	0	0
	Cumulative repayments of loans with principal interest	0	0	0	0	0
	Net 74 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0
	Increase: Decrease due to ACR/Draw during the period	0	0	0	0	0
	Net 74 - Closing	0	0	0	0	0
	Repayments of loans during the period	0	0	0	0	0
	Net 74 - Opening	0	0	0	0	0
	Interest on Loan	0	0	0	0	0
	Cost of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
	TOTAL LOAN					
	Block 62 - Opening	10000000000	10000000000	10000000000	10000000000	10000000000
	Cumulative repayments of loans with principal interest	10000000000	10000000000	10000000000	10000000000	10000000000
	Net 62 - Opening	0	0	0	0	0
	Increase: Decrease due to PFI	0	0	0	0	0

Calculation of Interest on Actual Loans					Form 17	
Name of the Company Name of the Power Station		NTPC Limited INDIA ₹				
		Amount in INR				
Sl. no.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23
	UJETA Debarra JAL S. AND DEBI Agency for JETA					
	Prin	8772	8772	8772	8772	8772
	Reservations of Loans during the period	2000000	2000000	2000000	2000000	2000000
	Net loan - Opening	1120000	1120000	1120000	1120000	1120000
	Reservations during the period	1880000	1880000	1880000	1880000	1880000
	Net loan - Closing	2000000	2000000	2000000	2000000	2000000
	Rate of Interest on Loan	7.875%	7.875%	7.875%	7.875%	7.875%
	Interest on Loan Accountable	158000	158000	158000	158000	158000
	UJETA BANK IV-D-2 Agreement from 23.03.2014					
	Prin	8000000	8000000	8000000	8000000	8000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	7000000	7000000	7000000	7000000	7000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	8000000	8000000	8000000	8000000	8000000
	Rate of Interest on Loan	7.875%	7.875%	7.875%	7.875%	7.875%
	Interest on Loan Accountable	620000	620000	620000	620000	620000
	UJETA Bank IV-D-3 Agreement from 23.03.2014					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	7.875%	7.875%	7.875%	7.875%	7.875%
	Interest on Loan Accountable	780000	780000	780000	780000	780000
	UJETA BANK IV-D-4 Agreement from 25.03.2014					
	Prin	8000000	8000000	8000000	8000000	8000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	7000000	7000000	7000000	7000000	7000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	8000000	8000000	8000000	8000000	8000000
	Rate of Interest on Loan	7.875%	7.875%	7.875%	7.875%	7.875%
	Interest on Loan Accountable	620000	620000	620000	620000	620000
	PK 71-D-1 Agreement from 15.07.2013					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Accountable	740000	740000	740000	740000	740000
	PK 71-D-2 Agreement from 15.07.2013					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Accountable	740000	740000	740000	740000	740000
	PK 71-D-3 Agreement from 15.07.2013					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Accountable	740000	740000	740000	740000	740000
	PK 71-D-4 Agreement from 15.07.2013					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Accountable	740000	740000	740000	740000	740000
	PK 71-D-5 Agreement from 15.07.2013					
	Prin	10000000	10000000	10000000	10000000	10000000
	Reservations of Loans during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Opening	9000000	9000000	9000000	9000000	9000000
	Reservations during the period	1000000	1000000	1000000	1000000	1000000
	Net loan - Closing	10000000	10000000	10000000	10000000	10000000
	Rate of Interest on Loan	8.25%	8.25%	8.25%	8.25%	8.25%
	Interest on Loan Accountable	740000	740000	740000	740000	740000

Calculation of Interest on Actual Loans					Form 12	
Name of the Company Name of the Power Station		NTPC Limited MUSKA 2		Amount in INR		
S. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23
	PC 71.0-20 repayment from 20.07.2013					
	Prin. amt - Opening	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Prin. amt - Closing	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Prin. amt. of loans during the period	0	0	0	0	0
	Prin. amt. - Opening	0	0	0	0	0
	Prin. amt. - Closing	0	0	0	0	0
	Sum of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
	PC 71.0-20 repayment from 20.07.2013					
	Prin. amt - Opening	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Prin. amt - Closing	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Prin. amt. of loans during the period	0	0	0	0	0
	Prin. amt. - Opening	0	0	0	0	0
	Prin. amt. - Closing	0	0	0	0	0
	Sum of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
	PC 71.0-20 repayment from 20.07.2013					
	Prin. amt - Opening	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Prin. amt - Closing	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Prin. amt. of loans during the period	0	0	0	0	0
	Prin. amt. - Opening	0	0	0	0	0
	Prin. amt. - Closing	0	0	0	0	0
	Sum of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
	PC 71.0-20 repayment from 20.07.2013					
	Prin. amt - Opening	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Prin. amt - Closing	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Prin. amt. of loans during the period	0	0	0	0	0
	Prin. amt. - Opening	0	0	0	0	0
	Prin. amt. - Closing	0	0	0	0	0
	Sum of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0
	PC 71.0-20 repayment from 20.07.2013					
	Prin. amt - Opening	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Prin. amt - Closing	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000	1,00,00,000
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Interest - Opening	0	0	0	0	0
	Interest - Closing	0	0	0	0	0
	Prin. amt. of loans during the period	0	0	0	0	0
	Prin. amt. - Opening	0	0	0	0	0
	Prin. amt. - Closing	0	0	0	0	0
	Sum of Interest on Loan	0	0	0	0	0
	Interest on Loan Accrued	0	0	0	0	0

Calculation of Interest on Actual Loans							Form 17
Name of the Company Name of the Power Station		NTPC Limited MUSA 7					(Amount in INR)
S. No.	Particular	2018-19	2019-20	2020-21	2021-22	2022-23	
	Rate of interest on loan	8.1000%	7.4500%	6.100%	5.100%	5.200%	
	Interest on loan accumulated	247.21	127.81	5.00	0.00	1.00	
	Repayments made (100% of requirement from 01.10.2018)						
	Drawn amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Cumulative repayments of loans upto previous period	1260.00	1287.81	2000.00	2000.00	2000.00	
	Net amt - Opening	2427.00	2012.19	2.00	0.00	1.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	2427.00	2012.19	2.00	0.00	1.00	
	Repayments of loans during the period	1260.00	1287.81	2000.00	2000.00	2000.00	
	Net amt - Closing	2427.00	2012.19	2.00	0.00	1.00	
	Average Net Loan	2427.00	2012.19	2.00	0.00	1.00	
	Rate of interest on loan	8.1000%	7.4500%	6.100%	5.100%	5.200%	
	Interest on loan accumulated	247.21	127.81	5.00	0.00	1.00	
	Repayments made (100% of requirement from 01.10.2018)						
	Drawn amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Cumulative repayments of loans upto previous period	1260.00	1287.81	2000.00	2000.00	2000.00	
	Net amt - Opening	2427.00	2012.19	2.00	0.00	1.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	2427.00	2012.19	2.00	0.00	1.00	
	Repayments of loans during the period	1260.00	1287.81	2000.00	2000.00	2000.00	
	Net amt - Closing	2427.00	2012.19	2.00	0.00	1.00	
	Average Net Loan	2427.00	2012.19	2.00	0.00	1.00	
	Rate of interest on loan	8.100%	7.4500%	6.100%	5.100%	5.200%	
	Interest on loan accumulated	247.21	127.81	5.00	0.00	1.00	
	100% PFI Agreement from 01.01.2020						
	Drawn amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Cumulative repayments of loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	2000.00	2000.00	2000.00	2000.00	2000.00	
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Closing	2000.00	2000.00	2000.00	2000.00	2000.00	
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00	
	Rate of interest on loan	7.800%	6.800%	6.800%	7.200%	6.200%	
	Interest on loan accumulated	158.88	137.17	137.81	141.12	117.84	
	100% PFI Agreement from 01.01.2022						
	Drawn amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Cumulative repayments of loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	2000.00	2000.00	2000.00	2000.00	2000.00	
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Closing	2000.00	2000.00	2000.00	2000.00	2000.00	
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00	
	Rate of interest on loan	7.800%	6.800%	6.800%	7.200%	6.200%	
	Interest on loan accumulated	81.11	81.11	74.21	74.11	70.00	
	100% PFI Agreement from 01.01.2022						
	Drawn amt - Opening	100.00	100.00	100.00	100.00	100.00	
	Cumulative repayments of loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Opening	100.00	100.00	100.00	100.00	100.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	100.00	100.00	100.00	100.00	100.00	
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Closing	100.00	100.00	100.00	100.00	100.00	
	Average Net Loan	100.00	100.00	100.00	100.00	100.00	
	Rate of interest on loan	7.800%	6.800%	6.800%	7.200%	6.200%	
	Interest on loan accumulated	39.94	37.99	40.94	40.94	41.99	
	100% PFI Agreement from 01.01.2022						
	Drawn amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Cumulative repayments of loans upto previous period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Opening	2000.00	2000.00	2000.00	2000.00	2000.00	
	Interest Decrease due to PFI	0.00	0.00	0.00	0.00	0.00	
	Interest Decrease due to A/C/Draw during the period	0.00	0.00	0.00	0.00	0.00	
	Total	2000.00	2000.00	2000.00	2000.00	2000.00	
	Repayments of loans during the period	0.00	0.00	0.00	0.00	0.00	
	Net amt - Closing	2000.00	2000.00	2000.00	2000.00	2000.00	
	Average Net Loan	2000.00	2000.00	2000.00	2000.00	2000.00	
	Rate of interest on loan	7.800%	6.800%	6.800%	7.200%	6.200%	
	Interest on loan accumulated	247.21	247.21	247.21	247.21	247.21	

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest		
1	Vijaya Bank-IV	8.4000%	01-Apr-19	13-04-2019	12.00	1.01	8.0117%		
		8.3000%	13-Apr-19	13-05-2019	30.00	2.48			
		8.3500%	13-May-19	13-07-2019	61.00	5.09			
		8.3000%	13-Jun-19	13-08-2019	31.00	2.57			
		8.1500%	13-Aug-19	13-09-2019	31.00	2.53			
		8.1000%	13-Sep-19	13-10-2019	30.00	2.43			
		8.0500%	13-Oct-19	13-11-2019	31.00	2.50			
		7.8500%	13-Nov-19	13-12-2019	30.00	2.38			
		7.6500%	13-Dec-19	13-01-2020	31.00	2.37			
		7.6000%	13-Jan-20	13-02-2020	31.00	2.36			
		7.5500%	13-Feb-20	31-Mar-20	48.00	3.62			
						368.00		28.32	
		Vijaya Bank-IV	7.550%	01-Apr-20	12-Apr-20	12.00		0.91	7.2879%
7.400%	13-Apr-20		12-May-20	30.00	2.22				
7.350%	13-May-20		12-Jun-20	31.00	2.28				
7.200%	13-Jun-20		12-Jul-20	30.00	2.18				
7.150%	13-Jul-20		23-Aug-20	42.00	3.00				
				145.00	10.57				
2	Axis Bank	8.450%	01-Apr-19	22-Apr-19	21.00	1.77	8.0903%		
		8.350%	22-Apr-19	22-Jun-19	61.00	5.09			
		8.300%	22-Jun-19	22-Jul-19	30.00	2.49			
		8.250%	22-Jul-19	22-Aug-19	31.00	2.56			
		8.200%	22-Aug-19	22-Sep-19	31.00	2.54			
		8.100%	22-Sep-19	22-Oct-19	30.00	2.43			
		8.000%	22-Oct-19	22-Nov-19	31.00	2.48			
		7.900%	22-Nov-19	22-Dec-19	30.00	2.37			
		7.800%	22-Dec-19	22-Mar-20	91.00	7.10			
		7.750%	22-Mar-20	31-Mar-20	10.00	0.78			
			388.00	29.6105					
Axis Bank	7.750%	01-Apr-20	21-Apr-20	21.00	1.63	7.5656%			
	7.600%	22-Apr-20	21-May-20	30.00	2.28				
	7.550%	22-May-20	31-Mar-21	314.00	23.71				
			365.00	27.61					
3	HUECO-I	8.300%	01-Apr-19	01-05-2019	30.00	2.49	8.0131%		
		8.200%	01-May-19	01-08-2019	92.00	7.54			
		8.050%	01-Aug-19	01-11-2019	92.00	7.41			
		7.900%	01-Nov-19	01-02-2020	92.00	7.27			
		7.700%	01-Feb-20	31-Mar-20	60.00	4.62			
			366.00	28.33					
HUECO-I	7.700%	01-Apr-20	30-Apr-20	30.00	2.31	7.3886%			
	7.400%	01-May-20	31-Jul-20	92.00	6.81				
	7.300%	01-Aug-20	23-Aug-20	23.00	1.61				
			145.00	10.73					
4	Indian Bank-II	8.2500%	01-Apr-19	26-Jun-19	88.00	7.26	8.2500%		
					88.00	7.26			
5	Indian Bank-III	8.2500%	01-Apr-19	20-07-2019	110.00	9.08	8.2017%		
		8.3000%	20-Jul-19	20-09-2019	62.00	5.15			
		8.1500%	20-Sep-19	20-10-2019	30.00	2.45			
		8.0500%	20-Oct-19	23-Dec-19	65.00	5.23			
			267.00	21.90					
6	State Bank of India - VII	8.2500%	01-Apr-19	14-05-2019	43.00	3.55	7.9342%		
		8.1500%	14-May-19	14-05-2019	92.00	7.50			

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		7.9500%	14-Aug-19	14-11-2019	92.00	7.31	
		7.7000%	14-Nov-19	14-02-2020	92.00	7.08	
		7.8500%	14-Feb-20	31-Mar-20	47.00	3.60	
					366.00	29.04	7.9342%
	State Bank of India - VII	7.850%	01-Apr-20	13-May-20	43.00	3.29	6.8560%
		7.000%	14-May-20	13-Aug-20	92.00	6.44	
		6.850%	14-Aug-20	31-Mar-21	230.00	15.38	
					365.00	25.02	
	State Bank of India - VII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VII	6.65%	01-04-2022	13-05-2022	43.00	2.66	
	State Bank of India - VII	6.75%	14-05-2022	13-08-2022	92.00	6.21	
	State Bank of India - VII	7.15%	14-08-2022	13-11-2022	92.00	6.56	
	State Bank of India - VII	7.80%	14-11-2022	13-03-2023	92.00	6.99	
	State Bank of India - VII	8.00%	14-02-2023	31-03-2023	48.00	3.68	
					365.00	26.32	7.2100%
	State Bank of India - VII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VII	8.10%	14-May-23	29-Jun-23	47.00	3.81	
					90.00	7.25	8.05%
7	Syndicate Bank-III	8.4500%	01-Apr-19	17-06-2019	77.00	6.91	8.1036%
		8.5000%	17-Jun-19	06-08-2019	50.00	4.25	
		8.2500%	06-Aug-19	06-09-2019	31.00	2.56	
		8.0000%	06-Sep-19	06-01-2020	122.00	9.76	
		7.8000%	06-Jan-20	06-03-2020	31.00	2.42	
		7.6000%	06-Feb-20	06-03-2020	29.00	2.20	
		7.5500%	06-Mar-20	31-Mar-20	26.00	1.96	
					366.00	29.66	8.1036%
	Syndicate Bank-III	7.550%	01-Apr-20	05-Apr-20	5.00	0.38	7.4620%
		7.850%	06-Apr-20	05-May-20	30.00	2.30	
		7.500%	06-May-20	05-Jul-20	61.00	4.58	
		7.300%	06-Jul-20	05-Aug-20	31.00	2.36	
		7.200%	06-Aug-20	23-Aug-20	18.00	1.30	
					145.00	10.61	
8	United Bank of India-IV	8.4000%	01-Apr-19	06-05-2019	35.00	2.98	8.3672%
		8.3500%	06-May-19	01-07-2019	56.00	4.68	
		8.3600%	01-Jul-19	06-08-2019	36.00	2.99	
		8.2500%	06-Aug-19	06-08-2019	31.00	2.56	
		8.1800%	06-Sep-19	29-Sep-19	23.00	1.87	
					161.00	15.04	8.3672%
9	Union Bank-II	8.4000%	01-Apr-19	01-07-2019	91.00	7.64	8.0795%
		8.3500%	01-Jul-19	03-09-2019	64.00	5.34	
		8.0000%	03-Sep-19	03-11-2019	61.00	4.88	
		7.9000%	03-Nov-19	03-01-2020	61.00	4.82	
		7.8000%	03-Jan-20	03-02-2020	31.00	2.42	
		7.7000%	03-Feb-20	31-Mar-20	58.00	4.47	
					368.00	29.57	8.0795%
	Union Bank-II	7.700%	01-Apr-20	02-Apr-20	2.00	0.15	6.7019%
		7.350%	03-Apr-20	02-Jun-20	61.00	4.48	
		7.250%	03-Jun-20	02-Jul-20	30.00	2.18	
		7.150%	03-Jul-20	02-Aug-20	31.00	2.22	
		6.950%	03-Aug-20	31-Aug-20	29.00	2.02	
		6.800%	01-Sep-20	30-Sep-20	30.00	2.04	
		6.750%	01-Oct-20	30-Nov-20	61.00	4.12	
		6.000%	01-Dec-20	31-Mar-21	121.00	7.26	

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
					365.00	24.48	
	Union Bank-II	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	Union Bank-II	6.00%	01-04-2022	10-05-2022	40.00	2.40	
	Union Bank-II	6.40%	11-05-2022	10-06-2022	31.00	1.98	
	Union Bank-II	6.90%	11-06-2022	10-08-2022	61.00	4.21	
	Union Bank-II	7.40%	11-08-2022	10-10-2022	61.00	4.51	
	Union Bank-II	7.90%	11-10-2022	10-12-2022	61.00	4.62	
	Union Bank-II	8.25%	11-12-2022	29-12-2022	19.00	1.57	
	Union Bank-II	7.50%	30-12-2022	10-01-2023	12.00	0.90	
	Union Bank-II	7.65%	11-01-2023	10-02-2023	31.00	2.37	
	Union Bank-II	7.90%	11-02-2023	31-03-2023	49.00	3.67	
					365.00	26.64	7.2975%
	Union Bank-II	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
	Union Bank-II	8.10%	11-Jan-24	31-Mar-24	61.00	6.56	
					366.00	29.08	7.94%
10	Corporation Bank-IV	8.2500%	01-Apr-19	11-04-2019	10.00	0.83	8.0556%
		8.3000%	11-Apr-19	11-10-2019	183.00	15.01	
		8.0500%	11-Oct-19	11-11-2019	31.00	2.50	
		8.0000%	11-Nov-19	11-01-2020	61.00	4.88	
		7.8500%	11-Jan-20	11-02-2020	31.00	2.43	
		7.7500%	11-Feb-20	11-03-2020	29.00	2.25	
		7.6600%	11-Mar-20	31-Mar-20	21.00	1.60	
					366.00	29.48	8.0556%
	Corporation Bank-IV	7.660%	01-Apr-20	10-Apr-20	10.00	0.76	6.6705%
		7.350%	11-Apr-20	10-May-20	30.00	2.21	
		7.250%	11-May-20	10-Jun-20	31.00	2.25	
		7.150%	11-Jun-20	10-Jul-20	30.00	2.15	
		6.950%	11-Jul-20	10-Aug-20	31.00	2.15	
		6.800%	11-Aug-20	10-Sep-20	31.00	2.11	
		6.750%	11-Sep-20	30-Nov-20	81.00	5.47	
		6.600%	01-Dec-20	31-Mar-21	121.00	7.26	
					365.00	24.35	
	Corporation Bank-IV	6.00%	01-04-2021	31-03-2022	365	21.90	6.00%
	Corporation Bank-IV	6.00%	01-04-2022	10-05-2022	40.00	2.40	
	Corporation Bank-IV	6.40%	11-05-2022	10-06-2022	31.00	1.98	
	Corporation Bank-IV	6.90%	11-06-2022	10-08-2022	61.00	4.21	
	Corporation Bank-IV	7.40%	11-08-2022	10-10-2022	61.00	4.51	
	Corporation Bank-IV	7.90%	11-10-2022	10-12-2022	61.00	4.62	
	Corporation Bank-IV	8.25%	11-12-2022	29-12-2022	19.00	1.57	
	Corporation Bank-IV	7.50%	30-12-2022	10-01-2023	12.00	0.90	
	Corporation Bank-IV	7.65%	11-01-2023	10-02-2023	31.00	2.37	
	Corporation Bank-IV	7.90%	11-02-2023	31-03-2023	49.00	3.67	
					365.00	26.64	7.2975%
	Corporation Bank-IV	7.90%	01-Apr-23	10-Jan-24	285.00	22.52	
	Corporation Bank-IV	8.10%	11-Jan-24	31-Mar-24	61.00	6.56	
					366.00	29.08	7.94%
11	HDFC Bank Limited-IV	8.450%	01-Apr-19	17-04-2019	16.00	1.35	8.0492%
		8.400%	17-Apr-19	29-07-2019	103.00	8.65	
		8.300%	29-Jul-19	29-08-2019	31.00	2.57	
		8.200%	29-Aug-19	29-09-2019	31.00	2.54	
		8.100%	29-Sep-19	29-10-2019	30.00	2.43	
		8.000%	29-Oct-19	01-12-2019	33.00	2.64	
		7.850%	01-Dec-19	01-03-2020	91.00	6.96	
		7.450%	01-Mar-20	31-Mar-20	31.00	2.31	
					366.00	29.46	8.0492%

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	HDFC Bank Limited-IV	7.450%	01-Apr-20	31-May-20	61.00	4.54	6.3812%
		6.300%	01-Jun-20	23-Dec-20	206.00	12.98	
		5.950%	24-Dec-20	31-Mar-21	98.00	5.83	
					365.00	23.35	
	HDFC Bank Limited-IV	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC Bank Limited-IV	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Limited-IV	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-IV	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Limited-IV	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-IV	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Limited-IV	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-IV	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-IV	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-IV	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-IV	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
12	HDFC Bank Limited-V	8.450%	01-Apr-19	25-06-2019	85.00	7.18	8.0586%
		8.400%	25-Jun-19	29-07-2019	34.00	2.86	
		8.300%	29-Jul-19	29-08-2019	31.00	2.57	
		8.200%	29-Aug-19	29-09-2019	31.00	2.54	
		8.100%	29-Sep-19	29-10-2019	30.00	2.43	
		8.000%	29-Oct-19	01-12-2019	33.00	2.64	
		7.650%	01-Dec-19	01-03-2020	91.00	6.96	
		7.450%	01-Mar-20	31-Mar-20	31.00	2.31	
					366.00	29.49	
	HDFC Bank Limited-V	7.450%	01-Apr-20	31-May-20	61.00	4.54	6.3812%
		6.300%	01-Jun-20	23-Dec-20	206.00	12.98	
		5.950%	24-Dec-20	31-Mar-21	98.00	5.83	
					365.00	23.35	
	HDFC Bank Limited-V	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC Bank Limited-V	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC Bank Limited-V	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-V	6.85%	24-06-2022	23-08-2022	61.00	4.16	
	HDFC Bank Limited-V	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-V	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Limited-V	8.20%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-V	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-V	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-V	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-V	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
13	State Bank of India - VIII	8.2500%	01-Apr-19	14-05-2019	43.00	3.55	7.9342%
		8.1500%	14-May-19	14-08-2019	92.00	7.50	
		7.9500%	14-Aug-19	14-11-2019	92.00	7.31	
		7.7000%	14-Nov-19	14-02-2020	92.00	7.08	
		7.5500%	14-Feb-20	31-Mar-20	47.00	3.60	
					366.00	29.04	
	State Bank of India - VIII	7.650%	01-Apr-20	13-May-20	43.00	3.29	8.8560%
		7.000%	14-May-20	13-Aug-20	92.00	6.44	

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
		6.650%	14-Aug-20	31-Mar-21	230.00	15.30	
					365.00	25.02	
	State Bank of India-VIII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - VIII	6.65%	01-04-2022	13-05-2022	43.00	2.66	
	State Bank of India - VIII	6.75%	14-05-2022	13-06-2022	32.00	6.21	
	State Bank of India - VIII	7.15%	14-08-2022	13-11-2022	92.00	6.58	
	State Bank of India - VIII	7.60%	14-11-2022	13-02-2023	92.00	6.99	
	State Bank of India - VIII	8.00%	14-02-2023	31-03-2023	46.00	3.68	
					365.00	26.32	7.2108%
	State Bank of India - VIII	8.00%	01-Apr-23	13-May-23	43.00	3.44	
	State Bank of India - VIII	8.10%	14-May-23	13-Aug-23	92.00	7.45	
	State Bank of India - VIII	8.15%	14-Aug-23	13-Feb-24	184.00	15.00	
	State Bank of India - VIII	8.20%	14-Feb-24	31-Mar-24	47.00	3.65	
					366.00	29.74	8.1262%
14	State Bank of India - XII	8.3500%	01-Apr-19	11-05-2019	40.00	3.34	8.0168%
		8.2500%	11-May-19	11-08-2019	92.00	7.59	
		8.0500%	11-Aug-19	11-11-2019	92.00	7.41	
		7.8000%	11-Nov-19	11-01-2020	61.00	4.76	
		7.7500%	11-Jan-20	01-02-2020	21.00	1.83	
		7.7000%	01-Feb-20	31-Mar-20	60.00	4.62	
					368.00	29.34	8.0168%
	State Bank of India - XII	7.700%	01-Apr-20	10-Apr-20	10.00	0.77	6.8034%
		7.150%	11-Apr-20	10-Jul-20	91.00	6.51	
		6.650%	11-Jul-20	31-Mar-21	264.00	17.56	
					365.00	24.83	
	State Bank of India - XII	6.65%	01-04-2021	31-03-2022	365	24.27	6.65%
	State Bank of India - XII	6.65%	01-04-2022	10-07-2022	101.00	6.72	
	State Bank of India - XII	7.05%	11-07-2022	10-10-2022	92.00	6.49	
	State Bank of India - XII	7.35%	11-10-2022	10-01-2023	92.00	6.76	
	State Bank of India - XII	8.00%	11-01-2023	31-03-2023	89.00	6.40	
					365.00	26.36	7.2232%
	State Bank of India - XII	8.00%	01-Apr-23	10-Apr-23	10.00	0.80	
	State Bank of India - XII	8.10%	11-Apr-23	10-Oct-23	183.00	14.82	
	State Bank of India - XII	8.15%	11-Oct-23	10-Jan-24	92.00	7.50	
	State Bank of India - XII	8.20%	11-Jan-24	31-Mar-24	81.00	6.64	
					366.00	29.76	8.1320%
15	HDFC Bank Limited-III	6.450%	01-Apr-19	01-07-2019	91.00	7.69	6.0584%
		6.400%	01-Jul-19	29-07-2019	28.00	2.35	
		6.300%	29-Jul-19	29-08-2019	31.00	2.57	
		6.200%	29-Aug-19	29-09-2019	31.00	2.54	
		6.100%	29-Sep-19	29-10-2019	30.00	2.43	
		6.000%	29-Oct-19	01-12-2019	33.00	2.64	
		7.650%	01-Dec-19	01-03-2020	91.00	6.96	
		7.450%	01-Mar-20	31-Mar-20	31.00	2.31	
					366.00	29.50	6.0594%
	HDFC Bank Limited-III	7.450%	01-Apr-20	31-May-20	61.00	4.64	6.3682%
		6.300%	01-Jun-20	23-Dec-20	208.00	12.98	
		5.950%	24-Dec-20	31-Mar-21	96.00	5.83	
					365.00	23.35	
	HDFC Bank Limited-III	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%

Interest Rate Flow

S.NO	BANK	RATE OF INTEREST	From	To	Number of Days	Product	Weighted Average Rate of Interest
	HDFC Bank Limited-III	5.95%	01-04-2022	23-05-2022	51.00	3.15	
	HDFC Bank Limited-III	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC Bank Limited-III	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC Bank Limited-III	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC Bank Limited-III	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC Bank Limited-III	8.30%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC Bank Limited-III	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC Bank Limited-III	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC Bank Limited-III	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC Bank Limited-III	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%
15	HDFC Bank Limited-IX	6.300%	24-Aug-20	23-Dec-20	122.00	7.69	6.1441%
		5.950%	24-Dec-20	31-Mar-21	98.00	5.83	
					220.00	13.52	
	HDFC IX	5.95%	01-04-2021	31-03-2022	365	21.72	5.95%
	HDFC-IX	5.95%	01-04-2022	23-05-2022	53.00	3.15	
	HDFC-IX	6.35%	24-05-2022	23-06-2022	31.00	1.97	
	HDFC-IX	6.85%	24-06-2022	23-08-2022	61.00	4.18	
	HDFC-IX	7.35%	24-08-2022	23-10-2022	61.00	4.48	
	HDFC-IX	7.85%	24-10-2022	23-12-2022	61.00	4.79	
	HDFC-IX	8.30%	24-12-2022	31-12-2022	8.00	0.66	
	HDFC-IX	7.95%	01-01-2023	28-02-2023	59.00	4.69	
	HDFC-IX	8.01%	01-03-2023	31-03-2023	31.00	2.48	
					365.00	26.40	7.2335%
	HDFC-IX	8.01%	01-Apr-23	31-May-23	61.00	4.89	
	HDFC-IX	7.95%	01-Jun-23	31-Mar-24	305.00	24.25	
					366.00	29.13	7.96%

Name of the Loan	From	To	Floating Rate of Interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Frequency/year	Interest rate (incl WHT)	Loan Proportion	From	To	Product	WAVG rate	From	To
BS, NEW YORK	21-04-2018	24-05-2018	4.28820%	1.0000%	10.0000%	Ad-360	2018-21	4.21807%	100%	21-04-2018	21-04-2018	1.000000			
BS, NEW YORK	18-05-2018	28-07-2018	3.90700%	0.4000%	10.0000%	Ad-360	2018-21	4.21800%	100%	21-04-2018	21-04-2018	1.000000			
BS, NEW YORK	28-07-2018	29-01-2019	3.21750%	0.4000%	10.0000%	Ad-360	2019-21	3.90700%	100%	21-04-2018	21-04-2018	1.000000			
USD LIBOR (Forward) Instruments															
USD 750 Million Draw III	20-09-2022	20-10-2022	4.41620%	0		Ad-360	2022-22	4.41620%	100%	21-04-2018	21-04-2018	0.000000	3.88100%		
USD 750 Million Draw III	20-10-2022	21-09-2022	5.82340%	0		Ad-360	2022-22	5.82340%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	21-04-2022	24-04-2022	5.67308%	0		Ad-360	2022-24	5.67308%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	25-04-2022	24-10-2022	5.28834%	0		Ad-360	2022-24	5.28834%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	25-10-2022	21-03-2024	5.81900%	0		Ad-360	2022-24	5.81900%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	20-09-2022	20-10-2022	4.58620%	1.0000%	100.0000%	Ad-360	2022-22	4.58620%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	25-10-2022	24-03-2023	5.59360%	0.4000%	100.0000%	Ad-360	2022-23	5.59360%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	21-04-2022	24-04-2022	5.79308%	0.4000%	100.0000%	Ad-360	2022-24	5.79308%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	25-04-2022	24-10-2022	5.28834%	0.4000%	100.0000%	Ad-360	2022-24	5.28834%	100%	21-04-2018	21-04-2018	0.000000			
USD 750 Million Draw III	25-10-2022	21-03-2024	5.82900%	0.4000%	100.0000%	Ad-360	2022-24	5.82900%	100%	21-04-2018	21-04-2018	0.000000			
USD LIBOR (Forward) Instruments															
													0.0000%		

01-04-2021 01-03-2021			From To 01-04-2021 01-03-2021			From To 01-04-2021 01-03-2021		
Name of the Loan	Product	WAVE rate	No of days	Product	WAVE rate	No of days	Product	WAVE rate
BB, NEW YORK	0		0	0		0	0	
BB, NEW YORK	0		0	0		0	0	
BB, NEW YORK	0		0	0		0	0	
BB, NEW YORK (Average)	0.0000%				0.0000%			0.0000%
USD 150 million Draw II	0		27	1.642154		0	0	
USD 150 million Draw II	0		120	1.271458		0	0	
USD 750 million Draw II	0		0	0		24	1.190038	
USD 750 million Draw II	0		0	0		183	10.517254	
USD 750 million Draw II	0		0	0		158	8.273120	
USD 750 million Draw II	0		0	0		0	0	
USD 750 million Draw II	0		180	1.260040		0	0	
USD 750 million Draw II	0		0	0		24	0.1629017	
USD 750 million Draw II	0		0	0		183	1.647728	
USD 750 million Draw II	0		0	0		158	1.487954	
Product & Interest Rates to be compared Average to C	0.0000%			1.49270%			8.32210%	

Refinancing details:

Rs Lakh

Sr. No.	Bank	ROI on prepayment date	Date of Prepayment	Replaced with Bank	ROI of replaced Loan	Prepayment Amount	Benefit(%)	Benefit(%) retained with NTPC
Prepayment of Loans in 2019-20								
1	United Bank of India IV	8.1500%	23-Dec-19	Sond 69	7.3200%	3955.21	0.83%	0.4150%
2	Indian Bank-IX	8.0000%	15-Dec-19	Sond 69	7.3200%	1343.75	0.73%	0.3650%
						5300.00		
Prepayment of Loans during 2020-21								
1	MUDCO-I	7.0000%	28-Aug-20	HSFC-IX	6.3000%	1,329.00	0.70%	0.3500%
2	Tyndirata Bank-III	7.2000%	24-Aug-20	HSFC-IX	6.3000%	3,000.00	0.90%	0.4000%
3	Vijaya Bank-IV	7.3000%	24-Aug-20	HSFC-IX	6.3000%	337.39	0.95%	0.4250%
4	FPC T1 D-33 repayment I	7.8000%	15-Oct-20	Sond 72	5.4500%	1,447.92	2.38%	1.1900%
5	FPC T1 D-34 repayment I	8.1700%	15-Oct-20	Sond 72	5.4500%	1,364.38	2.72%	1.2600%
6	FPC T1 D-36 repayment I	8.3000%	15-Oct-20	Sond 72	5.4500%	1,822.50	2.85%	1.4250%
7	FPC T1 D-37 repayment I	8.3500%	15-Oct-20	Sond 72	5.4500%	2,200.00	2.90%	1.4000%
						22931.80		
Prepayment of loans during 2022-23								
1	Corp Bonds 2022	5.0200%	30-Sep-22	USD 750 Million Drawl III	4.8840%	8,217	0.58%	0.2780%
						8217.00		

USD 750 Million Drawl III

Name of the Loan	From	To	Floating Rate of Interest	Withholding Tax (WHT)	Applicability of Withholding Tax	Interest Basis	Financial year	Interest rate (incl WHT)	Loan Proportion	No. of days	Product	WAVG rate
USD 750 A	28-09-2022	28-09-2022	4.4182%	0.00%		Act/365	2022-23	4.4182%	36.67%	1	0.938823	
USD 750 B	28-09-2022	28-09-2022	4.0682%	5.45%	100%	Act/360	2022-23	4.3032%	13.33%	1	0.005817	4.4940%

MOUDA I

(Rs Lakhs)

Year wise Repayment of Loans

Sl. No.	Bank	ROr on prepayment date	Date of prepayment	Replaced with Bank	ROr of replaced Loan	Prepayment Amount	Benefit (%)	Benefit (%) retained with NTPC
Prepayment of Loans in 2016-17								
1	Alfalah Bank-ii	9.50%	20-Dec-16	ICICI V	8.50%	857.54	0.75%	0.20%
2	Dena Bank-ii	9.40%	20-Dec-16	ICICI V	8.50%	5000.00	0.80%	0.30%
3	UCO-B	9.20%	25-Dec-16	ICICI V	8.50%	4887.80	0.45%	0.13%
4	Punjab & Sindh Bank-I	8.00%	14-Feb-17	SBI VIB	8.00%	4071.43	1.00%	0.00%
						14816.77		
Prepayment of Loans during 2017-18								
1	UCV	11.00%	16-Feb-17	ICICI-V	7.20%	714.25	3.10%	1.03%
						714.25		
Prepayment of Loans during 2018-19								
1	ICICI Bank-V	8.00%	11-Jan-18	Corporation Bank-iv	8.20%	10544.04	0.40%	0.13%
2	ICICI Bank-VI	8.00%	15-Jan-18	Bank of	8.20%	745.00	0.30%	0.10%
3	ICICI Bank-II	8.00%	18-Feb-18	SBI-VI	8.20%	2900.00	0.30%	0.10%
						13500.04		

Details of Income tax for consolidation of Merger
Company: VTC Ltd
Name of the generating parent: VTC Ltd

Particulars	Unit	2014			2015			2016		
		Domestic Cost	Execution cost	Incidental cost	Domestic Cost	Execution cost	Incidental cost	Domestic Cost	Execution cost	Incidental cost
A. Adjusted Cost of Sale										
1. Original Cost of Sale	INR	28,088.87	7,274.18	0.00	62,174.97	9,947.85	0.00	68,115.82	9,994.87	0.00
2. Mutual Gains	INR	6,66,42,877.43	1,27,89,709.58	0.00	23,28,78,927.53	8,88,73,884.53	0.00	30,17,52,815.06	1,01,88,578.88	0.00
B. Qualifier										
3. Quantity of Total Capital invested in Cost / Capital Company	INR	5,88,718.85	1,23,720.87	0.00	9,28,184.25	1,88,714.25	0.00	1,18,927.77	1,48,821.44	0.00
4. Adjustment (1) / (2) in proportion of cost in Cost / Capital	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Cost adjusted to Total Capital Company Cost	INR	5,88,718.85	1,23,720.87	0.00	9,28,184.25	1,88,714.25	0.00	1,18,927.77	1,48,821.44	0.00
6. Income tax credit & set-offing balance for total Capital company	INR	4,80,000.00	1,10,000.00	0.00	8,221.81	1,104.00	0.00	4,208.07	1,108.00	0.00
7. Mutual Capital Company (A - B)	INR	1,08,718.85	1,03,000.87	0.00	6,98,982.84	1,87,984.25	0.00	9,98,000.00	1,48,712.99	0.00
C. MERG										
8. Amount charged to the Cost / Capital Company	INR	1,10,49,54,037.73	18,78,39,829.58	0.00	1,21,78,42,987.38	19,38,48,421.74	0.00	1,12,18,37,261.88	19,23,38,992.54	0.00
9. Adjustment (1) / (2) in proportion of cost in Cost / Capital	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Netting off set-offing and bank other similar charges	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Total amount charged to MERG	INR	1,10,49,54,037.73	18,78,39,829.58	0.00	1,21,78,42,987.38	19,38,48,421.74	0.00	1,12,18,37,261.88	19,23,38,992.54	0.00
D. TRANSPORTATION										
12. Transportation charges to Cost / Sale / Joint Venture										
By Rail	INR	81,84,77,810.00	11,28,08,871.00	0.00	78,27,88,800.00	26,78,78,281.00	0.00	71,49,10,249.00	19,88,28,107.00	0.00
By Road	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
By Air	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Adjustment (1) / (2) in proportion of cost in Cost / Capital	INR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Dividends of Capital / etc.	INR	21,87,810.00	2,48,230.00	0.00	11,28,088.00	4,88,878.00	0.00	14,24,274.00	9,48,868.00	0.00
15. Cost of stock in transferring Cost through MERG system, if	INR	0	0	0	8,88,484.00	1,88,821.00	0	8,78,888.00	4,78,821.00	0
16. Total transportation charges: (12) + (13) + (14) + (15)	INR	81,84,77,810.00	11,28,08,871.00	0.00	79,36,972.00	28,68,681.00	0.00	86,23,421.00	24,38,108.00	0.00
17. Total amount charged for Cost / Capital company including transportation (11 + 16)	INR	1,10,49,54,037.73	18,78,39,829.58	0.00	1,21,78,42,987.38	19,38,48,421.74	0.00	1,12,18,37,261.88	19,23,38,992.54	0.00
E. TOTAL COST										
18. Initial Cost (Cost) given (1A) + (17)	INR	1,10,49,54,037.73	18,78,39,829.58	0.00	1,21,78,42,987.38	19,38,48,421.74	0.00	1,12,18,37,261.88	19,23,38,992.54	0.00
19. Working Notes										
20. Original and MER Cost of Cost / Capital			4,24,718		4,00,000			4,24,718		
F. Adjustments										
21. 50% of Domestic cost of the company transferred as part of	INR	420	420		420	420		420	420	
22. 50% of Domestic cost of the company transferred as part of	INR	420			420			420		
23. 50% of Domestic cost of the company transferred as part of	INR			50			50			50
24. 50% of Domestic cost of the company transferred as part of	INR									50
25. Original average 50% of Cost / Capital	INR		420			420		420		
26. 50% of Domestic cost of the company transferred as part of	INR	420	420		420	420		420	420	
27. 50% of Domestic cost of the company transferred as part of	INR			50			50			50
28. 50% of Domestic cost of the company transferred as part of	INR									50
29. Original average 50% of Cost / Capital	INR		420			420		420		

Year
ending

Details of Income Tax for companies of Group

Company: HFC Ltd

Name of Regulating Sector (where applicable)

Notes	Unit	2012			2011			2010		
		Domestic Cost	Excise Duty Cost	Interest Cost	Domestic Cost	Excise Duty Cost	Interest Cost	Domestic Cost	Excise Duty Cost	Interest Cost
1. Opening Balance of Tax	₹	1,19,921.00	9,201.52	1,94,238.52	2,07,740.78	5,300.84	1,30,008.24	6,28,888.88	12,411.58	1,38,221.72
2. Value of Stock	₹	78,83,81,570.85	1,00,70,000.81	1,18,00,00,000.00	1,24,90,00,000.00	6,24,00,770.00	1,23,00,07,000.00	1,86,00,00,000.00	6,10,00,000.00	1,17,00,00,000.00
3. Additions										
4. Quantity of Stock (kg) added to Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
5. Quantity of Stock (kg) removed to Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
6. Total quantity of Stock (kg) added / (kg)	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
7. Quantity of Stock (kg) removed to Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
8. Net Change	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
9. Amount charged to the Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
10. Amount of Stock (kg) removed to Stock / kg of Stock	₹									
11. Netting off of Stock (kg) added after Stock charged	₹									
12. Total amount charged to Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
13. TRANSFERRANCE	₹									
14. Transference charge to the Stock / kg of Stock	₹									
To Tax	₹									
To Duty	₹									
To Other	₹									
15. Additions (kg) in amount charged to the Stock / kg of Stock	₹									
16. Deductions charge from	₹	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
17. Total amount charged to the Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
18. Total amount charged to the Stock / kg of Stock including transference (kg x 10)	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
19. Net Change										
20. Net Change (kg) of Stock / kg of Stock	₹	1,12,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00	1,00,000.00	10,000.00	10,000.00
21. Closing Stock		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22. Weighted average cost of Stock / kg of Stock			1,12,000.00			1,12,000.00			1,12,000.00	
23. Qty. of Stock used in the opening and closing stock of all	₹	100	100		100	100		100	100	
24. Qty. of Stock used in the opening and closing stock of all	₹	100	100		100	100		100	100	
25. Qty. of Stock used in the opening and closing stock of all	₹			100			100			100
26. Qty. of Stock used in the opening and closing stock of all	₹			100			100			100
27. Weighted average Qty. of Stock / kg of Stock	₹		1,12,000.00			1,12,000.00			1,12,000.00	
28. Qty. of Stock used in the opening and closing stock of all	₹	100	100		100	100		100	100	
29. Qty. of Stock used in the opening and closing stock of all	₹	100	100		100	100		100	100	
30. Qty. of Stock used in the opening and closing stock of all	₹			100			100			100
31. Qty. of Stock used in the opening and closing stock of all	₹			100			100			100
32. Weighted average Qty. of Stock / kg of Stock	₹		1,12,000.00			1,12,000.00			1,12,000.00	

Detailed Income Statement for contributors of Energy

December 31, 2014

Name of the generating Station: Hecker

Name	Unit	2013				2014			
		Demand Charge	Demand Cost	Quantity Used	Market Cost	Demand Charge	Demand Cost	Quantity Used	Market Cost
A. Demand Customer									
1. Opening Demand of cost	WT	88,035.99	8,861,164.71	-6,864.97	78.97	1,851,885.19	6,771,897.75	-61,982.97	12,108,144.54
2. Value of Demand	Pa	12,871,505.00	2,791,819,981.22	12,241,439.22	6,884,951.79	94,024,734.48	1,285,244,151.74	12,926,764,426.22	17,882,931,794.22
B. Quantity									
3. Quantity of Demand Charges applied to the Demand Customer	WT	6,783,944.70	6,773.89		25,161.13	2,251,844.82	1,381,145.88		25,201.20
4. Adjustment - Value of energy supplied made by the Demand Customer	WT								
5. Demand applied to the Demand Customer (Total)	WT	6,783,944.70	6,773.89		25,161.13	2,251,844.82	1,381,145.88		25,201.20
6. Non-benefit market & handling losses for Demand Customer	WT	2,028.48	12.97		79.28	1,428.74	1,889.17		79.87
7. Market (WT) applied (Total - 6)	WT	8,812,889.40	6,786.87		25,240.41	2,253,273.56	1,383,035.05		25,281.07
C. PAID									
8. Amount charged by the Demand Customer	Pa	12,871,505.00	24,859,101.22		12,170,158.10	102,112,477.22	94,781,802.00		25,211,154,012.22
9. Adjustment - Value of energy charged to Demand Customer	Pa								
10. Netting & handling without other market charges	Pa	21,181,887.22	92,159.22		3,448,919.22	24,851,327.22	18,891,912.00		24,851,899.22
11. Total amount charged to Demand Customer	Pa	12,871,505.00	24,859,101.22		15,619,077.32	127,063,804.44	113,673,714.00		24,876,998.44
D. MARKET/PAID									
12. Transportation charges to the Demand Customer - Road Transport									
By Pa	Pa					11,691,857.32	12,781,857.32		11,691.72
By Road	Pa								
By Shw	Pa								
13. Adjustment - Value of energy charged to Demand Customer	Pa								
14. Discounts (Market / Pa)	Pa	11,771,294.00				1,381,889.00	1,381,889.00		11,788,183.00
15. Loss of market - netting (Market / Demand Customer)	Pa								
16. Net transportation charges (Total - 12 - 13 + 14)	Pa	11,771,294.00	11,781,889.00			13,073,746.32	14,163,746.32		11,799,874.72
17. Total amount charged to Demand Customer (Market/PAID including transportation 12 + 14)	Pa	12,871,505.00	24,859,101.22		15,619,077.32	142,883,650.76	127,837,460.32		24,888,873.16
E. OTHER COST									
18. Market Cost of Demand Charges (Market / Demand Customer)	Market	2,254.86	6,786.97	6,786.97	1,381.26	2,254.86	6,786.97	6,786.97	1,381.26
19. Market Meter		1.00	1.00	0	0	1.00	1	1	1.00
20. Highest average cost of Demand Charges			364.28				364.28		
Pa									
21. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market	1,803.89	5,429.58	5,429.58	1,105.01	1,803.89	5,429.58	5,429.58	1,105.01
22. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market	1.60	1.60	0	0	1.60	1.60	1.60	1.60
23. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market								
24. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market								
25. Highest average 80% of Demand Charges	Market		364.28				364.28		
26. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market	1,803.89	5,429.58	5,429.58	1,105.01	1,803.89	5,429.58	5,429.58	1,105.01
27. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market	1.60	1.60	0	0	1.60	1.60	1.60	1.60
28. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market								
29. 80% of the market cost of the opening rate market as per 20 of the Demand Customer	Market								
30. Highest average 80% of Demand Charges	Market		364.28				364.28		

Details of Income Statement for continuation of Income Statement 2019-20
Name of the generating station: **Wardah**

Particulars	Unit	2019-20					2018-19				
		Demand/Contract	Contract/Load	Generation	Imported	Spillage	Demand/Contract	Contract/Load	Generation	Imported	Spillage
A. Opening Stock of coal	MT	2,36,201.84	2,36,201.71	27,482.47	27,482.27	-	21,746.26	18,208.92	489.28	1,707.24	-
B. Total of coal	MT	48,21,26,585.87	4,81,18,95,485.75	30,22,52,295.71	7,42,51,126.27	-	11,28,56,096.97	8,99,55,729.88	48,47,512.48	7,88,47,705.14	-
C. Coal stock											
1. Quantity of coal (Agreed supply to Coal / Agreed Company)	MT	3,42,258.48	3,23,254.78	-	21,473.85	848.24	7,74,284.27	1,12,282.42	-	91,223.42	424.42
2. Quantity of coal (Contract supply made by Coal / Agreed)	MT	-	-	-	-	-	-	-	-	-	-
3. Coal supplied to Coal (Agreed Company) Total	MT	3,42,258.48	3,23,254.78	-	21,473.85	848.24	7,74,284.27	1,12,282.42	-	91,223.42	424.42
4. Increase/Decrease in Working Stock for Coal (Agreed supply)	MT	4,783.27	3,794.82	-	129.41	848.24	6,273.85	1,248.98	-	127.81	124.42
5. Total Coal (Agreed supply 3+4)	MT	3,47,041.75	3,27,049.60	-	21,603.26	1,696.48	7,80,558.12	1,13,531.40	-	91,351.23	248.84
D. PWR											
6. Amount charged by the Coal / Agreed Company	Rs	1,27,71,07,283.00	84,57,81,794.02	-	27,22,78,421.02	25,29,84,010.00	1,79,26,34,821.00	2,12,37,381.00	-	28,82,34,228.00	12,28,271.00
7. Adjustment in Coal (Agreed supply) to coal / Agreed	Rs	-	-	-	-	-	-	-	-	-	-
8. Working Stock charge for coal / Agreed Company	Rs	81,28,21,210.00	48,22,228.00	-	34,12,221.00	1,08,12,221.00	1,08,12,221.00	1,08,12,221.00	-	2,12,37,381.00	12,28,271.00
9. Total amount charged for coal / Agreed	Rs	1,08,99,28,493.00	84,80,04,622.02	-	31,36,90,642.02	26,37,96,231.00	1,79,26,34,821.00	2,12,37,381.00	-	30,04,71,609.00	24,56,542.00
10. Transportation charge	Rs	-	-	-	-	-	-	-	-	-	-
11. Transportation charge by Rail / Road / Agreed Transport											
By Rail	Rs	84,22,17,127.00	17,72,17,127.00	-	6,12,729.00	7,72,12,127.00	10,22,12,729.00	6,12,729.00	-	6,12,729.00	6,12,729.00
By Road	Rs	-	-	-	-	-	-	-	-	-	-
By Air	Rs	-	-	-	-	-	-	-	-	-	-
12. Adjustment for the amount charged for coal / Agreed	Rs	-	-	-	-	-	-	-	-	-	-
13. Working charge / etc	Rs	4,22,221.00	2,22,221.00	-	1,72,729.00	22,22,729.00	12,22,221.00	12,22,221.00	-	4,22,221.00	2,22,221.00
14. Total amount charged for coal through WPPA system / etc	Rs	-	-	-	-	-	-	-	-	-	-
15. Transportation charge (11+12+13+14)	Rs	84,22,17,127.00	17,72,17,127.00	-	6,12,729.00	7,72,12,127.00	10,22,12,729.00	6,12,729.00	-	6,12,729.00	6,12,729.00
16. Total amount charged for coal / Agreed supplied including transportation 12+13+14	Rs	1,08,99,28,493.00	84,80,04,622.02	-	31,36,90,642.02	26,37,96,231.00	1,79,26,34,821.00	2,12,37,381.00	-	30,04,71,609.00	24,56,542.00
E. Other coal											
17. Opening Stock of Coal (Agreed / WPPA / etc)	MT/MT	3,242.28	4,224.28	2,224.28	1,227.27	4,224.28	2,224.28	4,224.28	2,224.28	2,224.28	2,242.42
18. Working Stock	MT/MT	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28	2,224.28
19. Weighted average cost of coal (Agreed)				2,224.28					2,224.28		
F. Spillage											
20. 20% of Demand coal of the working stock available at end of	MT/MT	400	400	400			200	400	400	400	
21. 20% of Demand coal available at end of the contract	MT/MT	200	400				200	400	400		200
22. 20% of increase/decrease of the working stock available at end of	MT/MT				200					200	
23. 20% of increase/decrease supplied at end of the contract	MT/MT				200					200	
24. Weighted average 20% of coal (Agreed) available	MT/MT		400						200		
25. 20% of Demand coal of the working stock available at end of	MT/MT	200	200	400			200	200	400	400	
26. 20% of Demand coal available at end of increase/decrease	MT/MT	200	200			200	200	200			200
27. 20% of increase/decrease of the working stock available at end of	MT/MT				200					200	
28. 20% of increase/decrease supplied at end of increase/decrease	MT/MT				200					200	
29. Weighted average 20% of working stock available	MT/MT			200					200		

Details of Income tax for computation of Net Income
Company: MPO Ltd
Name of the generating Station: MPO Ltd

Sl. No.	Particulars	Unit	Year 21					Year 22				
			Demand/Actual	Quota/Net Use	Quota/Net Use	Imported Use	Balance	Demand/Actual	Quota/Net Use	Quota/Net Use	Imported Use	Balance
A1	Overall Summary											
1	Opening Stock of coal	MT	2,80,787.74	1,000.77	488.28	2,80,787.74	2,80,787.74	1,10,712.27	488.28	1,000.77	2,80,787.74	2,80,787.74
2	Total of Stock	N	80,00,00,000.00	80,00,000.00	48,47,812.40	80,00,000.00	80,00,000.00	80,00,000.00	80,00,000.00	48,47,812.40	80,00,000.00	80,00,000.00
B	Quota											
3	Quota of Coal (Agreed to supply to Coal / Agreed Company)	MT	1,10,000.00	1,10,000.00		80,412.22	100.00	6,70,000.00	1,10,000.00		48,707.80	100.00
4	Quota of Coal (Agreed to supply to Coal / Agreed Company)	MT										
5	Coal supplied to Coal (Agreed Company) Total	MT	1,10,000.00	1,10,000.00	-	80,412.22	100.00	6,70,000.00	1,10,000.00		48,707.80	100.00
6	Quota of Coal & Handling Issues for Coal (Agreed Company)	MT	6,700.00	6,700.00	-	100.00		6,000.00	6,000.00		67.00	
7	Total Coal (Agreed Company) (3+6)	MT	1,16,700.00	1,16,700.00	-	80,512.22	100.00	6,76,000.00	1,16,000.00		48,774.80	100.00
C	Other											
8	Adjustment made by the Coal / Agreed Company	N	1,01,40,00,000.00	80,00,000.00		1,01,40,00,000.00	70,00,000.00	1,01,40,00,000.00	80,00,000.00		1,01,40,00,000.00	1,01,40,00,000.00
9	Adjustment in Coal (Agreed Company) to coal / Agreed	N										
10	Opening Stock of coal	N	1,79,00,000.00	80,00,000.00		1,79,00,000.00		1,79,00,000.00	80,00,000.00		1,79,00,000.00	1,79,00,000.00
11	Total Amount charged to (A+B)	N	1,00,00,00,000.00	80,00,000.00	-	1,00,00,00,000.00	70,00,000.00	1,00,00,00,000.00	80,00,000.00		1,00,00,00,000.00	1,00,00,00,000.00
12	Transferable charges by Coal / Agreed Company											
13	to Govt	N	1,00,00,000.00	80,00,000.00		1,00,00,000.00	6,00,000.00	1,00,00,000.00	80,00,000.00		1,00,00,000.00	1,00,00,000.00
14	to Govt	N										
15	to Govt	N										
16	Adjustment for the amount of the charges to be received / returned	N										
17	Transferable charges of Govt	N	80,00,000.00	80,00,000.00		80,00,000.00		80,00,000.00	80,00,000.00		80,00,000.00	80,00,000.00
18	Transferable charges of Govt through MPO Govt	N										
19	Total transferable charges (13+14+15+16+17+18)	N	80,00,000.00	80,00,000.00	-	80,00,000.00	6,00,000.00	80,00,000.00	80,00,000.00		80,00,000.00	80,00,000.00
20	Total amount charged for Coal / Agreed Company including transferable charges (11+19)	N	1,00,00,00,000.00	80,00,000.00	-	1,00,00,00,000.00	76,00,000.00	1,00,00,00,000.00	80,00,000.00		1,00,00,00,000.00	1,00,00,00,000.00
21	Total Coal											
22	Quota Total of Coal (Agreed Company) (3+6)	N/MT	1,16,700.00	1,16,700.00	80,512.22	1,16,700.00	1,16,700.00	1,16,700.00	1,16,700.00	80,512.22	1,16,700.00	1,16,700.00
23	Opening Stock		2,80,787.74			2,80,787.74		2,80,787.74			2,80,787.74	
24	Transferable charges cost of Coal (Agreed Company)				4,012.22					4,012.22		
A1	Summary											
25	30% of Domestic coal of the opening and available stock of	Domestic	842	408	400			400	400	400		
26	30% of Domestic coal available stock of the opening	Domestic	842	408			200	200	200	200		200
27	30% of imported coal of the opening and available stock of	Imported				380					380	
28	30% of imported coal available stock of the opening	Imported				380					380	
29	Transferable charges 30% of Domestic coal	Domestic			800					800		
30	30% of Domestic coal of the opening and available stock	Domestic	842	408	400			400	400	400		
31	30% of Domestic coal available stock of the opening	Domestic	842	408			200	200	200	200		200
32	30% of imported coal of the opening and available stock	Imported				380					380	
33	30% of imported coal available stock of the opening	Imported				380					380	
34	Transferable charges 30% of imported coal	Imported			800					800		

Detail of Demand Load for construction of Street
Division: 0710 - 08
Name of the generating Station: Heber

Name	Unit	Nov 21				Nov 22			
		Demand Coef. of	Demand Coef.	Demand (MW)	Maximal Load	Demand Coef. of	Demand Coef.	Demand (MW)	Maximal Load
A) Overall Customer									
1 Demand Coef. of load	100%	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2 Value of Demand	W	643,78,885.27	67,17,16,887.77	7,45,86,147.85	64,86,15,141.25	61,22,88,888.84	48,52,18,124.87	1,29,48,77,781.78	
B) Customers									
3 Customer of Coal / lignite supplied to Coal / lignite Company	100%	5,41,888.78	5,38,181.85	-	1,38,811.57	4,75,781.24	1,78,884.81	81,888.17	
4 Adjustment of the demand supplied to Coal / lignite	100%	-	-	-	-	-	-	-	
5 Coal supplied to Coal / lignite Company (MW)	100%	4,88,888.78	4,88,888.85	-	1,38,811.57	4,75,781.24	1,78,884.81	81,888.17	
6 Maximum Demand & handling losses for Coal / lignite based	100%	4,87,128	4,88,888	-	1,38,811	4,75,781	1,78,884	81,888	
7 Maximal / lignite supplied (MW)	100%	5,41,888.88	5,41,881.78	-	1,38,811.58	4,75,781.24	1,78,884.81	81,888.17	
C) Road									
8 Adjustment of the demand supplied to Coal / lignite Company	W	1,38,811.57	1,38,424,818.81	-	1,38,811.57	1,38,811.57	88,88,881.78	78,11,48,881.81	
9 Adjustment of the demand supplied to Coal / lignite	W	-	-	-	-	-	-	-	
10 Maximal / lignite supplied (MW)	W	81,888.17	81,881.85	-	81,881.78	1,38,811.57	81,881.84	81,881.78	
11 Total Demand Coef. of load	W	1,38,78,188.88	1,38,88,188.88	-	1,38,811.57	1,38,811.57	78,88,188.88	81,88,188.88	
12 Transportation charges to Coal / lignite / Road Transport									
By Rail	W	88,88,188.88	1,38,78,188.88	-	-	88,88,188.88	88,88,188.88	88,88,188.88	
By Road	W	-	-	-	-	-	-	-	
By Ship	W	-	-	-	-	-	-	-	
13 Adjustment of the demand supplied to Coal / lignite / transport	W	-	-	-	-	-	-	-	
14 Discount of the demand	W	-	-	-	-	-	-	-	
15 Loss of demand in transporting Coal through 1100 system /	W	-	-	-	-	-	-	-	
16 Total transportation charges (MW) = (12 + 13 + 14 + 15)	W	88,88,188.88	1,38,78,188.88	-	-	88,88,188.88	88,88,188.88	88,88,188.88	
17 Total amount charged for Coal / lignite supplied including transportation (MW)	W	1,38,78,188.88	1,38,78,188.88	-	1,38,78,188.88	1,38,78,188.88	88,88,188.88	88,88,188.88	
D) Other Data									
18 Demand Coef. of Coal / lignite / Coal	W/MW	1,38,78	1,38,78	1,38,78	1,38,78	1,38,78	1,38,78	1,38,78	
19 Working hours	W	1,38,78	1,38	1,38,78	1,38	1,38	1,38	1,38	
20 Highest average MW of Coal / lignite	W		1,38,78				1,38,78		
21 Station	W								
22 MW of maximum load of the station as a whole as per all of	100%	1,38,78	1,38	1,38,78		1,38,78	1,38,78	1,38,78	
23 MW of maximum load of the station as per all of the company	100%	1,38,78	1,38	1,38,78		1,38,78	1,38,78	1,38,78	
24 MW of maximum load of the station as per all of the station	100%				1,38,78			1,38,78	
25 MW of maximum load supplied as per all of the company	100%				1,38,78			1,38,78	
26 Highest average MW of Coal / lignite as per all	100%		1,38,78				1,38,78		
27 MW of maximum load of the station as per all of the station	100%	1,38,78	1,38	1,38,78		1,38,78	1,38,78	1,38,78	
28 MW of maximum load of the station as per all of the station	100%	1,38,78	1,38	1,38,78		1,38,78	1,38,78	1,38,78	
29 MW of maximum load of the station as per all of the station	100%				1,38,78			1,38,78	
30 Highest average MW of all stations in the station	100%		1,38,78				1,38,78		

Details of Income Tax for consideration of Income
Company: WTTI Ltd
Name of the generating concern: None

Sl. No.	Particulars	Unit	Rs. in Lakhs		
			Company's Share	Shareholder's Share	Company's Share
1	Opening Balance	---	1,88,817.99	95,308.24	27,10,000.00
2	Value of Stock	Rs.	25,22,42,211.85	21,71,27,124.48	27,10,000.00
3	Transfer of Div. Rights received by Div. Rights Company	---	4,24,775.87	2,38,883.08	44,100.00
4	Adjustment to Div. Rights supplied received by Div. Rights Company	---	---	---	---
5	Div. Rights received by Shareholder's Company	---	4,24,775.87	2,38,883.08	44,100.00
6	Transfer of Div. Rights received by Div. Rights Company	---	1,594.00	1,458.81	18.42
7	Div. Rights supplied by Div. Rights Company	---	4,20,877.99	2,37,424.27	44,111.00
8	Div. Rights	---	---	---	---
9	Amount charged to Div. Rights Company	Rs.	20,14,20,277.22	18,52,28,771.80	22,47,31,524.75
10	Adjustment to Div. Rights charged to Div. Rights Company	Rs.	---	---	---
11	Transfer of Div. Rights and Div. Rights charges	Rs.	2,05,41,776.18	1,86,29,844.00	2,20,78,707.88
12	Total Div. Rights charged to Div. Rights Company	Rs.	21,19,72,053.40	1,87,16,128.80	22,68,10,232.63
13	TRANSFER CHARGES	Rs.	---	---	---
14	Transfer of Div. Rights to Div. Rights Company	---	---	---	---
15	Div. Rights	Rs.	21,19,72,053.40	1,87,16,128.80	---
16	Div. Rights	Rs.	---	---	---
17	Adjustment to Div. Rights charged to Div. Rights Company	Rs.	---	---	---
18	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
19	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
20	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
21	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
22	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
23	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
24	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
25	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
26	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
27	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
28	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
29	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
30	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
31	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
32	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
33	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
34	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
35	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
36	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
37	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
38	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
39	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
40	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
41	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
42	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
43	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
44	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
45	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
46	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
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89	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
90	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
91	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
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93	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
94	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
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96	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
97	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
98	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
99	Div. Rights charged to Div. Rights Company	Rs.	---	---	---
100	Div. Rights charged to Div. Rights Company	Rs.	---	---	---

Details of Source and the composition of Energy Charges
Company - ATFC Ltd
Name of the generating Station - Muzard

Month		OCT 13	Nov 13	Dec 13	OCT 14	Nov 14	Dec 14	OCT 15
A) FUEL COST			LBO			LBO		
1) Opening Stock of Oil	Rs	4,379.24	3,082.38	3,888.34	4,041.86	3,247.86	4,273.88	4,238.44
2) Value of Stock	Rs	(3,77,04,812.58)	(4,11,37,551.38)	(3,17,54,121.85)	(3,51,23,129.84)	(3,33,31,433.4)	(4,34,33,270.01)	(3,32,75,236.24)
B) QUANTITY								
3) Quantity of Oil supplied by Oil Company	Cr	0.00	3,587.82	1.00	0.00	0.00	0.00	0.00
4) Adjustment (+/-) in quantity supplied made by Oil Company	Cr	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5) Oil supplied by Oil Company (3+4)	Cr	0.00	3,587.82	1.00	0.00	0.00	0.00	0.00
6) Commercial Import & Handling Costs	Rs	NA	NA	NA	NA	NA	NA	NA
7) Net Oil supplied (5 - 6)	Cr	0.00	3,587.82	1.00	0.00	0.00	0.00	0.00
C) PRICE								
8) Amount charged by the Oil Company	Rs	0.00	18,88,85,129.70	1.00	0.00	0.00	0.00	0.00
9) Adjustment (+/-) in amount charged by Oil Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10) Handling, Sampling etc. such other similar charges	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11) Total Amount charged (8+9+10)	Rs	0.00	18,88,85,129.70	0.00	0.00	0.00	0.00	0.00
D) TRANSPORTATION								
12) Transportation charges by Rail / Ship / Road Transport								
By Rail	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13) Adjustment (+/-) in amount charged by railways / Road/Rail	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14) Demurrage charges, if any	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15) Cost of Diesel Oil transported Oil through MDR system, if	Rs	0	0	0	0	0	0	0
16) Total transportation charges (12+13+14+15)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17) Total amount charged for Oil (11+16)	Rs	0.00	18,88,85,129.70	0.00	0.00	0.00	0.00	0.00
E) OTHER COST								
18) Areas Cost of Oil (HSD/DO) (12Cr / 12R)	Rs/WL	47,409.36	55,322.81	55,322.81	51,189.27	51,189.27	51,189.27	49,299.35
19) Blending fees	Rs	NA	NA	NA	NA	NA	NA	NA
20) Weighted average cost of Oil		47,409.36	55,322.81	55,322.81	51,189.27	51,189.27	51,189.27	49,299.35
F) QUALITY								
21) S/Cr of Oil of the opening stock as per bill of Oil company	(Kg/Ltr)	NA	NA	NA	NA	NA	NA	NA
22) S/Cr of oil supplied as per bill of oil company	(Kg/Ltr)	NA	NA	NA	NA	NA	NA	NA
23) S/Cr of reported coal of the cooling tower station as per bill of	(Kg/Ltr)							
24) S/Cr of reported coal supplied as per bill of coal company	(Kg/Ltr)							
25) Weighted average S/Cr of Oil as above	(Kg/Ltr)	NA	NA	NA	NA	NA	NA	NA
26) S/Cr of Oil of the Opening stock as received at station	(Kg/Ltr)	2442	2329	2707	2922	2977	2477	2380
27) S/Cr of Oil supplied (HSD/DO)	(Kg/Ltr)	NA	2329	NA	NA	NA	NA	NA
28) S/Cr of reported coal of the Cooling tower as received at station	(Kg/Ltr)							
29) S/Cr of reported coal supplied as received at station	(Kg/Ltr)							
30) Weighted average S/Cr of Oil (HSD/DO)	(Kg/Ltr)	2,442.36	2,329.84	2,707.36	2,922.89	2,977.36	2,477.36	2,380.35

Details of Shipments for the Calculation of Energy Charges

Company: NTPC Ltd

Name of the generating station: Madras

Month		Aug 21	Sep 21	OCT 21	Nov 21	Dec 21	OCT 21	Nov 21	Dec 21
B. PRICES	Unit	100			100				100
A. OPENING QUANTITY									
1. Opening Stock of Oil	litre	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2. Receipt of Stock	litre	18,11,27,551.54	18,18,00,119.54	18,26,34,537.21	18,88,74,594.75	19,14,76,471.57	48,79,71,174.27	18,47,71,621.66	19,25,74,347.05
B. QUANTITY									
3. Quantity of Oil supplied to Oil Consumers	litre	0.00	0.00	0.00000	0.00	0.00	0.00	0.00	0.00
4. Adjustment (+ / -) in quantity supplied made by Oil Company	litre	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Oil supplied by Oil Company (3+4)	litre	0.00	0.00	0.00000	0.00	0.00	0.00	0.00	0.00
6. Normal loss & holding stock	litre	NA	NA	NA	NA	NA	NA	NA	NA
7. Net Oil supplied (5-6)	litre	0.00	0.00	0.00000	0.00	0.00	0.00	0.00	0.00
C. PRICE									
8. Amount charged by the Oil Company	Rs	0.00	0.00	18,26,34,537.21	0.00	0.00	0.00	0.00	0.00
9. Adjustment (+ / -) in amount charged by Oil Company	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Handling charges and such other similar charges	Rs	0.00	-1,43,289.89	0.00	0.00	0.00	0.00	0.00	0.00
11. Total amount charged (8+9+10)	Rs	0.00	-1,43,289.89	18,26,34,537.21	0.00	0.00	0.00	0.00	0.00
D. TRANSPORTATION									
12. Transportation charges by Rail / Ship / Road Transport									
12a. By Rail	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12b. By Road	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12c. By Ship	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Adjustment (+ / -) in amount charged by railway / carrier	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Demurrage charges, if any	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Cost of pipe in conveying Oil through MDR system, if	Rs	0	0	0	0	0	0	0	0
16. Total transportation charges (12a+12b+12c+13+14+15)	Rs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. Total amount charged for Oil supplied including	Rs	0.00	-1,43,289.89	18,26,34,537.21	0.00	0.00	0.00	0.00	0.00
E. TOTAL COST									
18. Invoice value of Oil supplied (17a+17b+17c)	Rs/ton	48,284.90	48,284.90	52,284.90	52,284.90	52,284.90	74,284.90	74,284.90	74,284.90
19. Balancing Note	Rs	NA	NA	NA	NA	NA	NA	NA	NA
20. Invoiced value cost of Oil		48,284.90	48,284.90	52,284.90	52,284.90	52,284.90	74,284.90	74,284.90	74,284.90
F. QUANTITY									
21. BCF of Oil of the opening stock as per Bill of Oil Company	(ton/lt)	NA	NA	NA	NA	NA	NA	NA	NA
22. BCF of Oil supplied as per Bill of Oil Company	(ton/lt)	NA	NA	NA	NA	NA	NA	NA	NA
23. BCF of imported coal of the opening stock as per Bill of	(ton/lt)								
24. BCF of imported coal supplied as per Bill of oil company	(ton/lt)								
25. Invoiced average BCF of Oil as per Bill	(ton/lt)	NA	NA	NA	NA	NA	NA	NA	NA
26. BCF of Oil of the opening stock as received at station	(ton/lt)	2127	2127	2412	2412	2412	3447	3447	3447
27. BCF of Oil supplied (MPC/DO)	(ton/lt)	NA	NA	NA	NA	NA	NA	NA	NA
28. BCF of imported coal of the opening stock as received at	(ton/lt)								
29. BCF of imported coal supplied as received at station	(ton/lt)								
30. Invoiced average BCF of Oil (MPC/DO)	(ton/lt)	2,429.00	2,429.00	2,429.00	2,429.00	2,429.00	2,447.00	2,447.00	2,447.00

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masuda I
COD: 30.03.2014
For Financial Year: 2019-20

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Advances (F)	Claimed as a part of stores and spares	Justification
1	M08011851E3-SATE VALVE S1 (130MM) (1300.0-00-1)	0.24	No	No	No	No	
2	M08000124-CI 3/8" B VALUE 42 48 RINGS 2"INDE TYPE	0.31	No	No	No	No	
3	M0801181000-COUP ASBY ELCCON COUPLING 810-584	18.71	No	No	No	No	
4	M0801184000-COUP COUPLING ELCCON COUPLING 810-680	29.48	No	No	No	No	
5	M0801278000-PC FLUIDOMAT WFO-B COMP ASBY	1.51	No	No	No	No	
6	M0801380000-COMP ASBY FLUIDOMAT COUPLING 8014	14.90	No	No	No	No	
7	M0801384000-GR-ELCCON 88VCT-400 GEAR BOX INTERNAL	4.14	No	No	No	No	
8	M0801384000-GR-ELCCON 88VCT-250 GEAR BOX INTERNAL	1.59	No	No	No	No	
9	M0801317000-ASBY GR 30 L ELCCON GEAR BOX PCB-41 10-1	30.18	No	No	No	No	
10	M0801317000-COMP ASBY ELCCON GEAR BOX PCB-41 10-1	18.75	No	No	No	No	
11	M0801405000-COMP ASBY ALLENBERY GEAR BOX CXC-387	14.90	No	No	No	No	
12	M0801405000-GEAR BOX ASBY ALLENBERY CXC-387	15.81	No	No	No	No	
13	M0801405100-COMP ASBY ALLENBERY GEAR BOX CXC-387	27.75	No	No	No	No	
14	M0801405100-COMP ASBY ALLENBERY GEAR BOX CXC-387	4.07	No	No	No	No	
15	M0801405000-COMP ASBY PREMIUM ENERGY GEAR BOX CXC-387	23.34	No	No	No	No	
16	M0801314000-COMP ASBY PREMIUM ENERGY GEAR BOX H2-180	7.71	No	No	No	No	
17	M0801074000-COUPPLING (MODEL N080 COMP ASBY NAME 68M)	0.51	No	No	No	No	
18	M018806111H-JOURNAL BRG HALF GEAR-JOUR BRG 4R-FLESH	2.80	No	No	No	No	
19	M013806111-CARTRIDGE ASBY BRG PUMP TUBES	145.20	No	No	No	No	
20	M018006000-SHR 32000 IHR 11500	213.30	No	No	No	No	
21	M018118000-PUMP ASBY F0824	8.71	No	No	No	No	
22	M01806000-45921 COMPLETE ASBY	8.01	No	No	No	No	
23	M01806000-F120-2570H DRIVE SHAFT	13.34	No	No	No	No	
24	M018103000-T230-2370H BOM ASBY COMPLETE	234.00	No	No	No	No	
25	M018107100-SPUT CASE PUMP ASBY ALDOWMORE P01 18214	10.18	No	No	No	No	
26	M01806000-8812 COMPLETE PUMP ASBY	4.14	No	No	No	No	
27	M01806000-PUMP ASBY P01 7000 BOM	51.11	No	No	No	No	
28	M0181200004-MECH SEAL EAGLE BURG EXTT (N08) MDC-402	40.07	No	No	No	No	
29	M0181200004-MECH SEAL EAGLE BURG EXTT (N08) MDC-402	40.07	No	No	No	No	
30	M0181200000-MECHANICAL SEAL EAGLE BURGMANN	16.99	No	No	No	No	
31	M0181200000-MECHANICAL SEAL EAGLE BURGMANN MDC-346	15.21	No	No	No	No	
32	M0181200000-MECHANICAL SEAL EAGLE BURGMANN MDC-346	15.81	No	No	No	No	
33	M0180160000-PUMP ASBY 0000WVA 1004N2	21.01	No	No	No	No	
34	M0204810000-8812 TRANSMISSION SHAFT	2.80	No	No	No	No	
35	M0204810000-PUMP ASBY R01 12017 1000W	5.73	No	No	No	No	
36	M0208828041-CR1 FLUID PUMP ASBY 426 JVVM 8013-E	128.24	No	No	No	No	
37	M02174018000-VACUUM PUMP ASBY 3WA-4 313-081A-0190	47.03	No	No	No	No	
38	M0208010000-T0888 COMP PUMP ASBY	12.71	No	No	No	No	
39	M0310000000-PUMP ASBY 3100000000 HITACHI 100114	16.90	No	No	No	No	
40	M0310000000-COMP ASBY 3100000000 HITACHI 100114	12.11	No	No	No	No	
41	M0343804100-COMP 3ET 30HP PUMP TYPE VO 30-348-TCWH	4.11	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masoora
COD: 20.03.2014
For Financial Year: 2019-20

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
41	M3244748300H-TPS300/310 COMPLETE ASST	4.44	No	No	No	No	
42	M3244878000-PLUMP ASST 2M X 250/31	3.78	No	No	No	No	
44	M3270288300-TWIN SCREW PLUMP ASST TUSHACC	2.15	No	No	No	No	
45	M3277089000-025 LTR WATER RING VACUUM PUMP ASST	10.16	No	No	No	No	
46	M3277139018-025200 WATER RING VACUUM PUMP ASST	10.40	No	No	No	No	
47	M3287949000-025 LTR COMPLETE ASST	9.41	No	No	No	No	
48	M3297498000-025 LTR COMP. PUMP ASST	14.79	No	No	No	No	
49	M3458000000-COMPRESSOR ASST/ATLAS COPCO COMPRESSOR	141.90	No	No	No	No	
50	M3796281000-SET OF INTERNALS-031216 HORA 1433-84	28.49	No	No	No	No	
51	M3799000130-8H/ ASST 200045 COOL VALVE TECH	201.81	No	No	No	No	
52	M382112442-2HD TURNING MTR ASST 01101139000 (BENTY)	49.50	No	No	No	No	
53	M3811026780-ROTOR VANE VAC PUMP 334418999 EDWARDS	9.57	No	No	No	No	
54	M3811027180-SEAL RING 0124010 (004) 1.8H/ 7.0H-115/47	1.90	No	No	No	No	
55	M3811027180-SHAFT SEAL ASST 0118950 (026) 8H/	14.00	No	No	No	No	
56	M3811027189-SEAL RING 0118950 (026) 1.8H/ 7.0H-115/47	14.00	No	No	No	No	
57	M3812045011-SEAL RING 011-21401390 (1.8H)	5.00	No	No	No	No	
58	M3812049000-JOURNAL END SCRS. 01387719007 (008) 8H/	4.20	No	No	No	No	
59	M3812078000-CURVE ASST 05-116-086 ANDERSON	18.58	No	No	No	No	
60	M3840109000-COAL COMPARTMENT ASSEMBLY	257.60	No	No	No	No	
61	M385016300-2E 5 V (CW-HCM) RADIAL SEALS SET	7.97	No	No	No	No	
62	M385016300-2E 5 V (CW-HCM) RADIAL SEALS SET	0.97	No	No	No	No	
63	M385016300-2E 5 V (CW-HCM) RADIAL SEALS SET	1.68	No	No	No	No	
64	M385016300-RADIAL SEAL SET 1/2 HX 200MM	6.04	No	No	No	No	
65	M385016300-2E 5 V (CW-HCM) RADIAL SEALS SET	2.70	No	No	No	No	
66	M385016300-2E 5 V (CW-HCM) RADIAL SEALS SET	70.67	No	No	No	No	
67	M385016300-ROTOR ASST 0-55-116-0110668 8H/	283.30	No	No	No	No	
68	M385016300-ROTOR ASST 0-55-116-0110668 8H/	80.34	No	No	No	No	
69	M385016300-BLACK 1.20-028-2170067 8H/ 14.5-1	11.50	No	No	No	No	
70	M385016300-ROTOR ASST 0-55-116-0111624 8H/	211.81	No	No	No	No	
71	M3851218000-ROTOR ASST 130-S-0300048	74.34	No	No	No	No	
72	M3851256018-OROVING ROD 130-P-88 D00048	141.10	No	No	No	No	
73	M3714233000-RH SPRAY/ MAINLY ON 05AVY PART NO. 8088	1.80	No	No	No	No	
74	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	1.89	No	No	No	No	
75	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.45	No	No	No	No	
76	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	
77	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	
78	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	
79	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	
80	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	
81	M3714233003-RH SPRAY BRANCH BLOCK VV PART NO. 5011	3.00	No	No	No	No	

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Maudia I
COG: 20.03.2014
For Financial Year: 2019-20

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
80	NAT56019014-BLADE FOR IPT-20/12 P.3, 4AN	63.57	No	No	No	No	It represents the purchase of critical and major high machine spares for all lines by the plant which were procured after contractual/contractual inspection reports regarding the maintenance being carried out in the period of maintenance/overhaul completed. It represents the critical spares for the plant to perform as per the efficiency as required from the plant as per Regulation 16(3) central generation, which is required as per of 22th schedule thereof, as presented in the capital expenditure to the plant which being the critical spares allowed by the rule 16(3) schedule.
81	NAT56019019-JOURNAL HEAD BOILER XRF-1000.000AN	0.63	No	No	No	No	
82	NAT56019020-JOURNAL SHAFT ASSEMBLY FOR IPT-20/12 P.3, 4AN	64.27	No	No	No	No	
83	NAT56019021-HILL DISCHARGE VALVE MAIN PLANT TYPE-CERAMIC	11.52	No	No	No	No	
84	NAT56019022-HEATING ROLLER SHAFT FOR IPT-20/12 P.3, 4AN	483.58	No	No	No	No	
85	NAT56019023-RAPPER NO.41 CARD FOR RAPCON	0.71	No	No	No	No	
86	NAT56019024-DIGITAL BUFFER CARD FOR RAPCON	0.33	No	No	No	No	
87	NAT56019025-TRANSDUCER RECTIFIER (2P) EIP	18.14	No	No	No	No	
88	NAT56019026-INTELLIGENT CONTROLLER FOR RAPPER CONTROL	0.44	No	No	No	No	
89	NAT56019027-DIGITAL BUFFER CARD FOR RAPCON	0.31	No	No	No	No	
90	NAT56019028-VALVE DRIVE VALVE (2P) 1200 X 1200	12.73	No	No	No	No	
91	NAT56019029-ROTOR STAND TURBO GENERATOR	17.41	No	No	No	No	
92	NAT56019030-TRIP RELEASE DEVICE (1200) 0.000.0.000	11.71	No	No	No	No	
93	NAT56019031-DATE (PLUS) VV 400 MM (NGL)	0.60	No	No	No	No	
94	NAT56019032-ROTOR ASSEMBLY 3-MAT 1200 X 1200	80.32	No	No	No	No	
95	NAT56019033-ROTOR ASSEMBLY 3-MAT 1200 X 1200	1.35	No	No	No	No	
96	NAT56019034-ROTOR ASSEMBLY 3-MAT 1200 X 1200	110.50	No	No	No	No	
97	NAT56019035-ANAL ROTOR MOTOR RELEASE (1200)	3.08	No	No	No	No	
98	NAT56019036-1200 NO FULLEY SHAFT FOR IPT-20/12 P.3, 4AN	1.28	No	No	No	No	
99	NAT56019037-1200 DRIVE SHAFT FOR IPT-20/12 P.3, 4AN	4.28	No	No	No	No	
100	NAT56019038-DRIVE UNIT ASSEMBLY FOR IPT-20/12 P.3, 4AN	19.93	No	No	No	No	
101	NAT56019039-DOUBLE ACTING TYPE W/O CYLINDER FOR IPT	8.00	No	No	No	No	
102	NAT56019040-ROLLERS FOR BLEW KING 1200 2P 2000.000.41	41.46	No	No	No	No	
103	NAT56019041-2000X1200 CONVEYOR ROLLER	1.24	No	No	No	No	
104	NAT56019042-2000X1200 CONVEYOR ROLLER	1.53	No	No	No	No	
105	NAT56019043-2000X1200 CONVEYOR ROLLER	30.71	No	No	No	No	
106	NAT56019044-COMPOSITE VACUUM PUMP ASSEMBLY	22.35	No	No	No	No	
107	NAT56019045-GRINDER ASSEMBLY 3-4379 00002-0004 MBB	13.56	No	No	No	No	
108	NAT56019046-JET PUMP (1200) 00002-0004 MBB	1.82	No	No	No	No	
109	NAT56019047-ROTOR ASSEMBLY 3-MAT 1200 X 1200	2.87	No	No	No	No	
110	NAT56019048-ROTOR ASSEMBLY 3-MAT 1200 X 1200	6.48	No	No	No	No	
111	NAT56019049-CIRCUIT BREAKER AIR 1000A 2P 12T	1.21	No	No	No	No	
112	NAT56019050-CIRCUIT BREAKER AIR 1000A 2P 12T	41.86	No	No	No	No	
113	NAT56019051-INDICATING LAMP LED TYPE GREEN 110VDC	0.07	No	No	No	No	
114	NAT56019052-INDICATING LAMP LED TYPE RED 110VDC	4.28	No	No	No	No	
115	NAT56019053-INDICATING LAMP LED TYPE GREEN 110VDC	0.23	No	No	No	No	
116	NAT56019054-INDICATING LAMP LED TYPE RED 110VDC	4.28	No	No	No	No	
117	NAT56019055-INDICATING LAMP LED TYPE GREEN 110VDC	0.23	No	No	No	No	
118	NAT56019056-INDICATING LAMP LED TYPE RED 110VDC	4.28	No	No	No	No	
119	NAT56019057-INDICATING LAMP LED TYPE GREEN 110VDC	0.23	No	No	No	No	
120	NAT56019058-INDICATING LAMP LED TYPE RED 110VDC	4.28	No	No	No	No	
121	NAT56019059-INDICATING LAMP LED TYPE GREEN 110VDC	0.23	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masuda I
COG: 20.03.2014
For Financial Year: 2019-20

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
122	MS120211238-CT 30/1A, 10VA, CL-3	2.82	No	No	No	No	
123	MS120281128- CURRENT TRANSFORMER - TR/1A/08 UB CLLD	2.05	No	No	No	No	
124	MS11121413-CT 1000/1A, 415V, 10VA SIEMENS	2.05	No	No	No	No	
125	MS11121413-CT 1000/1A, 415V, 10VA SIEMENS	2.05	No	No	No	No	
126	MS12218890-VT RATINGS 415V/3, 2110/3, 10-3 120 VA	0.24	No	No	No	No	
127	MS112040118-H MV CT 500/1A, 10VA, CL1/10VA, SP11	1.95	No	No	No	No	
128	MS041122841-ANALOGICAL ANCON P148 O/C RELAY	0.14	No	No	No	No	
129	MS22280407-BATTERY 200 12V 11 AH	0.08	No	No	No	No	
130	MS40111118-AC VOLT/METER 0-500V C.L.T. 96X96MM	0.02	No	No	No	No	
131	MS40208030-0F6 GAS FILLING, 8FLU, 40W	4.27	No	No	No	No	
132	MS41278817-CONVERTER VFD 517KW, 123 KW	18.74	No	No	No	No	
133	MS10470019-0F-08 TRANSFORMER 100-4000W/11KV	0.32	No	No	No	No	
134	MS41888148-ACTUATOR, 1/2" WELLS&TUYRON	18.75	No	No	No	No	
135	MS420411304-ISE MODULE FOR SENSOR-TOXIC/SAH, MEGGITT	0.01	No	No	No	No	
136	MS44008121-VALVE SOL 89004507 PEANON	2.57	No	No	No	No	
137	MS44017018-DIGITAL CONVERTER 284018-T1E-AUSIT	1.05	No	No	No	No	
138	MS44970042-OXYGEN ANALYSER IN 220 300-2-C-T-T-E	1.00	No	No	No	No	
139	MS45817888-HIGH TEMP GC ANALYSER PROBE ASSEMBLY	1.25	No	No	No	No	
140	MS45817888-SIGNAL ISOLATOR 1-20MA	2.48	No	No	No	No	
141	MS44111101-TEMP TRANSMITTER 0-400-DEG C, 0.1% RT	0.25	No	No	No	No	
142	MS44111508-TEMP TRANSMITTER 0-1500 DEG C, 0.2% RT, 0.1% UNIV.	0.33	No	No	No	No	
143	MS02110017-15-01 TRANSMITTER, 1/2" DIA, 1/2" RADIA	2.31	No	No	No	No	
144	MS45118011-FURNACE FLAME CAMERA RETRACTION ASSEMBLY	40.00	No	No	No	No	
145	MS45118011-WALL EYE CAMERA 40M, W/4 20MM ZOOM LENS	12.81	No	No	No	No	
146	MS41488113-BURNER TILT ACTUATOR COMPLETE, PC-CABLE	1.48	No	No	No	No	
147	MS41048224-PIEZO ACTUATOR-08 YCM, MAKE-ELTRON	5.37	No	No	No	No	
148	MS41060049-PIEZO ACT FOR AIR CONTROL VALVE ACTUATOR	0.42	No	No	No	No	
149	MS41118884-CATION CONDUCTIVITY ANALYSER FOR DWAS	2.18	No	No	No	No	
150	MS41550127H-ANALYSER WATER, 10/10/10-2000PPE	6.78	No	No	No	No	
151	MS41688178-ONLINE SODIUM ANALYSER	4.62	No	No	No	No	
152	MS41688188-CONDUCTIVITY ANALYSER WITH SENSOR	1.57	No	No	No	No	
153	MS40100017-06 ALUMINA ACTUATOR 344432/231PM	8.75	No	No	No	No	
154	MS40100019-ACTUATOR 344580/20121 WITH GEAR BOX	1.89	No	No	No	No	
155	MS40100043-COMPOSITE ACTUATOR, 5240 1-220 ALUMINA	7.05	No	No	No	No	
156	MS41200075-CONTROL UNIT FOR ACTV 435 TO 41000 ACTV	2.91	No	No	No	No	
157	MS40121118-ELECT AIR ACTUATOR, 1/2" HV 5000-20275MAI	11.82	No	No	No	No	
158	MS40118000-LCD DISPLAY SCREEN ALONG WITH MOUNTING &	12.31	No	No	No	No	
159	MS02140001-ANALOG INPUT MODULE P80011, MAKE ROXBORO	0.10	No	No	No	No	
160	MS02140007-MAX-DIG ANALOG I/P MODULE, 12N8199014,	0.21	No	No	No	No	
161	MS02140004-ANALOG I/P CARD/02 10P/04 MAX-DIG 8N6L	0.50	No	No	No	No	

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Meuda-I
COG: 20.03.2014
For Financial Year: 2019-20

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
162	MSS0146619-ANALOG I/O I/P MODULE- EN6220(H)18-BHE	0.53	No	No	No	No	
163	MSS024707524-SCHNEIDER ANALOG I/P/T-14040000	0.01	No	No	No	No	
164	MSS044707526-SCHNEIDER ANALOG I/P/T-1404001000	1.59	No	No	No	No	
165	MSS14218219-COMMUN MODULE- EN6277-ETH-18WE-488	0.61	No	No	No	No	
166	MSS14218219-COMMUNICATION MODULE- CAPSTAR- 488	1.24	No	No	No	No	
167	MSS2021001-DISCRETE I/O MODULE-9M/12T- MAXI-FOUR080	0.95	No	No	No	No	
168	MSS2321100-SIGNAL I/O MODULE- 4M/24T- MAXI-FOUR080	0.10	No	No	No	No	
169	MSS2066503-ULTIMODE TO SINGLE MODE MEDIA CONVERTOR	0.01	No	No	No	No	
170	MSS2348200-D-BUS EXTENDER MODULE- Z092191271A-AMADONA	0.27	No	No	No	No	
171	MSS47018014-FIBER LOGIC CONTROLLER- FIB90-ETH- 488	0.18	No	No	No	No	
172	MSS47018014-CONTROL PROCESSOR- FIB90- MAXI-FOUR080	0.67	No	No	No	No	
173	MSS47490010-SECONDARY PROCESSOR- ED082200439	0.17	No	No	No	No	
174	MSS17249006-APPLICATION SERVER-ADUC142-04A11-0640	43.59	No	No	No	No	
175	MSS24211002-WORKSTATION- MODEL #9320020794-REBOR1	5.21	No	No	No	No	
176	MSS94270001-WORKSTATION INCLUDING ALL ACCESSORIES	29.63	No	No	No	No	
177	MSS24100011-ENGINE WORKSTATION- 8001-6001284-08	13.97	No	No	No	No	
178	MSS24482001-MAX OPERATOR STATION	23.42	No	No	No	No	
179	MSS24746002N-OPERATOR STATION-PCW47T- MAXI-FOUR080	0.24	No	No	No	No	
	Total - Meuda-I and Meuda-II (2320 MW)	4752.67					
	Total - For Meuda-I (1000 MW)	2048.57					

Petitioner

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masitah
COG: 30.03.2014
For Financial Year: 2020-21

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Advances (F)	Claimed as a part of stores and spares	Justification
1	M3181255440-RT VVY 010W11 MO SW A217WCE C 3550 BRAM	3.53	No	No	No	No	
2	M3483564140-C C 03ATE VVY 310E-27, DUBO, ATU-806	0.11	No	No	No	No	
3	M3181028100P-300 RB O GATE VALVE FLANGED FNLS 0	0.00	No	No	No	No	
4	M3184170756-200 NB O GATE VALVE	0.00	No	No	No	No	
5	M3170811720-868RHVS BOLLER SPHERICAL 38X750-F	51.94	No	No	No	No	
6	M3041148000-PC-ELECTON CON-56HP COMP ASSY	2.04	No	No	No	No	
7	M3041241000-COOP OPLS ABEY ELECTON COUPLING-584	14.81	No	No	No	No	
8	M3041144000-COOP COUPLING ELECTON COUPLING-662	10.54	No	No	No	No	
9	M3041440000-COMP ASSY PEMBRIL COUPLING PST-580	17.18	No	No	No	No	
10	M3041440000-COMP ASSY PEMBRIL COUPLING PST-570	9.21	No	No	No	No	
11	M3041440000-COMP ASSY PEMBRIL COUPLING PST-580	15.20	No	No	No	No	
12	M303224800-ASSY ELECTON GEAR BOX KONDIL-202	11.00	No	No	No	No	
13	M3032271900-ASSY GR 10 L ELECTON GEAR BOX PUB-21 301	14.00	No	No	No	No	
14	M3031071900-COMP ASSY ELECTON GEAR BOX 314N-21 L 67	13.80	No	No	No	No	
15	M303450000-COMP ASSY ALLENBERRY GEAR BOX OX-180	4.57	No	No	No	No	
16	M303451700-COMP ASSY ALLENBERRY GEAR BOX OX-303	15.50	No	No	No	No	
17	M3032670000-COMP ASSY PREMIUM ENERGY GEAR BOX 3-100	18.30	No	No	No	No	
18	M310800000-SCREEN PUMP ASSY ALEXON PUMP	8.00	No	No	No	No	
19	M3100640000-PUMP ASSY AERGA RD-390350	14.21	No	No	No	No	
20	M3100000000-MECHANICAL SEALEROLE BURGMANN	18.44	No	No	No	No	
21	M3108000000-PUMP ASSY BAH-70X	171.51	No	No	No	No	
22	M3184070000-PUMP BEARING 130.01 LUYAR 250-470/0	13.44	No	No	No	No	
23	M3184070011-PUMP BEARING 130.01 LUYAR 250-470/0	8.74	No	No	No	No	
24	M3206170004-THROAT BEARING PLATE LUYAR 310470/0	18.82	No	No	No	No	
25	M3442380011-ASH DUMP PUMPWARRIOR 750A FLOOWISE 54M	14.85	No	No	No	No	
26	M3170416000-COMPLETE CATRIDGE ASSEMBLY TOMPS-20P	7.00	No	No	No	No	
27	M317106000-600170-WATER RING VACUUM PUMP ASSY	144.98	No	No	No	No	
28	M317118000-600200-WATER RING VACUUM PUMP ASSY	14.31	No	No	No	No	
29	M3183267100-SH107C-6070-PUMP COMP ASSY	15.13	No	No	No	No	
30	M3401161000-ROTOR BRUKA 24275021767000 CORCO	14.54	No	No	No	No	
31	M3408000000-HP ELEMENT 144500001 ATLAS COPCO DR-50C	17.74	No	No	No	No	
32	M3408000000-DR 50 SERVICE STAGE	17.24	No	No	No	No	
33	M3408000000-SERVICE STAGE INGRESS ATLAS COPCO	17.83	No	No	No	No	
34	M3408000000-HP STAGE ELEMENT 144500001 ATLAS COPCO	7.64	No	No	No	No	
35	M3408000000-HP STAGE ELEMENT 144500001 ATLAS COPCO	17.50	No	No	No	No	
36	M3709033000-R-2300-DY-BU-HUB-HUB COMP. VALVE ASSY	14.47	No	No	No	No	
37	M3709100000-COMPLETE VALVE REF L004-1315-04	10.04	No	No	No	No	
38	M3709100000-THROTLE VALVE H004-1315-08	16.41	No	No	No	No	
39	M3709100000-ANGLE DRAM VLV ASSY 11E-04E7-001	20.74	No	No	No	No	
40	M3709721000-030001 581300091 BOLLERVALVE VVY ASSY	8.80	No	No	No	No	
41	M3709721000-030001 581300091 BOLLERVALVE VVY ASSY	8.79	No	No	No	No	

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mundra I
COD: 30.03.2014
For Financial Year: 2020-21

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
41	M179721906-ORAIN VALVE ASSY 801787644,SEMPLE AS	3.37	No	No	No	No	
42	M078890700-4336M/F055Q/ COMPLETE ASSY	4.24	No	No	No	No	
44	M319995410H-4" 2"SSU-CLUBH- W/CRANK COUPL VLV ASY	1.68	No	No	No	No	
45	M3799999620-GATE VALVE ASY 1010019H SHL	11.84	No	No	No	No	
46	M438819003-ANDOVER BLADE OFA, CUS90756000/01 SHL	141.85	No	No	No	No	
47	M382120007-ANDOVER BLADE OFA, CUS90756000/01 SHL	141.12	No	No	No	No	
48	M449000001H-COAL COMPARTMENT ASSEMBLY	76.43	No	No	No	No	
49	M443300014-ROTOR ASSY 2-55-210-01108815 SHL	68.11	No	No	No	No	
50	M475046009-HYD AIR SERVICE 0-55-015-011088108H	10.68	No	No	No	No	
51	M448126018H-GRINDING ROLL 130-5-8E DOOGAN	141.10	No	No	No	No	
52	M448126020H-GRINDING ROLL 130-5-8E DOOGAN	141.08	No	No	No	No	
53	M448126018H-GRINDING ROLL 130-5-8E DOOGAN	141.10	No	No	No	No	
54	M471109089-ORAIN BLOWER ASSY	1.37	No	No	No	No	
55	M4734158118-RING LINE ORAIN ORAIN ISOLATING VALVE	8.06	No	No	No	No	
56	M4734158215-ORAIN HEADER 3118 SHL BLOWER 400/500MM	9.65	No	No	No	No	
57	M4721348000-REHEATER SPAR CONTROL VALVE 2.5" X1500	3.76	No	No	No	No	
58	M475006700-RADIAL SEAL SHL 17.5 VM 3000	1.37	No	No	No	No	
59	M475006704-18 MOTOR FOR 24PH UT	1.05	No	No	No	No	
60	M475006600-RADIAL SEALS 17" CV-CON 30 VM	1.34	No	No	No	No	
61	M476158012H-JOURNAL HEAD BLOWER XRF 1088, 200MM	19.25	No	No	No	No	
62	M476109855-PC Ball shaft 800/500P 1000 MILL	86.51	No	No	No	No	
63	M476109780-MILL DISCHARGE VLV 1000/500 PLAT TREC-CORRANG	2.88	No	No	No	No	
64	M4761097100M-GRINDING ROLLER 500H XRF 1088, 200MM	211.74	No	No	No	No	
65	M476109690-MILL DISCHARGE VLV ASSEMBLY NO 1, 0.811 S	16.34	No	No	No	No	
66	M4770148020H-INTELLIGENT CONTROLLER	2.75	No	No	No	No	
67	M4770158012H-INTELLIGENT CONTROLLER FOR RAFFER CONTRL	9.14	No	No	No	No	
68	M510000009H-SEALING RING PART NO 0100000000/000	3.77	No	No	No	No	
69	M510000000H-SEALING RING 0100000000/000	3.77	No	No	No	No	
70	M510000001H-SEALING RING 0100000000/000	3.77	No	No	No	No	
71	M510000002H-SEALING RING 0100000000/000	3.77	No	No	No	No	
72	M510000003H-SEALING RING 0100000000/000	3.77	No	No	No	No	
73	M510000004H-SEALING RING MACHINED 0105010000/0	28.75	No	No	No	No	
74	M510000005H-SEALING RING MACHINED 0105010000/0	41.88	No	No	No	No	
75	M510000006H-SEALING RING 0105010000/0 MACHINED	3.27	No	No	No	No	
76	M510000007H-SEALING RING MACHINED 1100100000/0	13.89	No	No	No	No	
77	M510000008H-PC SERVO MOTOR AS PER DRWG 11004-17000	8.91	No	No	No	No	
78	M510000009H-PC SERVO MOTOR COUPL ASSY # 1114043000C	0.61	No	No	No	No	
79	M510000001-ANDOVER BLADE OFA-800-400- W/CR THE NO-01 04	5.79	No	No	No	No	
80	M510000002-ANDOVER BLADE OFA-800-400- W/CR THE NO-01 04	4.81	No	No	No	No	
81	M510000004-ANDOVER BLADE OFA-800-400- W/CR THE NO-01 04	10.21	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mandak
COG: 30.03.2014
For Financial Year: 2020-21

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
80	MS125986230-CLANGIS DRAIN VALVE SPA 17 700 PERINEX	3.47	No	No	No	No	General and routine high maintenance activities are covered by the stores and spares. Contingentary and special allowance are used for major maintenance and repairs regularly for cost control. During such times, certain parts of equipment which are damaged/irrecoverable are replaced/renewed as these parts are critical to the system and hence affect the system as per Regulation 15.3. In such cases, equipment is replaced as per the Regulation 15.3 and the cost of the replacement is covered by the stores and spares along with the cost of the work to effect the maintenance.
81	MS125986230-VALVE CONTROL PISTON RING W/O ACTUATOR SAGI	10.22	No	No	No	No	
84	MS121218075-DAVE R3 SWAP W/250VAC 120V-24V DC 10A	1.53	No	No	No	No	
85	MS121218075-DAVE R3 SWAP PISTON MODULE	0.14	No	No	No	No	
86	MS124190008-HYDROGEN OILSK TURBO GENERATOR	23.68	No	No	No	No	
87	MS141207442-EMERGENCY GOVERNOR 211427050000000000	22.89	No	No	No	No	
88	MS147906980-43401-2-PROBET JOURNAL BEARING	4.00	No	No	No	No	
89	MS147906980-43401-2-43401 JOURNAL BEARING	1.07	No	No	No	No	
90	MS151178027-MOTOR ASSY 3-PM 74110/2.8KX 24V11A	60.52	No	No	No	No	
91	MS154484114-SEAR BOX 11500882 ELECTRONIC 7A/282	28.10	No	No	No	No	
92	MS155248608-HYDRAULIC MOTOR 4X1000 RPM 1/2HP 200 BAR	2.08	No	No	No	No	
93	MS155248608-HYDRAULIC MOTOR 215-217-4HP 3000RPM MOTOR	40.08	No	No	No	No	
94	MS155248608-SEAR PULLER 20127000000 SHAFI 24V	1.28	No	No	No	No	
95	MS155248608-45 TRIMJET PUMP ASSEMBLY	2.17	No	No	No	No	
96	MS155248608-DRIVE MOTOR 11500882/1500RPM/SEAR/CONTROLABLE	5.88	No	No	No	No	
97	MS155248608-TRIMJET OF SAGNET SEAR BOX 01 SAGNET OX	0.02	No	No	No	No	
98	MS155248608-FAN ASSY CONTROLABLE CORRAID	17.20	No	No	No	No	
99	MS155248608-SEAR AL-121 50A 300V	10.13	No	No	No	No	
100	MS155248608-CENTRIFUGAL PUMP ALPHA LEVEL MARE 20A	24.48	No	No	No	No	
101	MS155248608-ENGINE ASSY 215000011 800L 8000	12.48	No	No	No	No	
102	MS155248608-COMPOSITE RUBBER VALVE ASSEMBLY 150MM	4.43	No	No	No	No	
103	MS155248608-ELECTRONIC GOVERNOR 21111045 200V	9.32	No	No	No	No	
104	MS155248608-ACB SP MAN-OFT-00001000000	1.10	No	No	No	No	
105	MS155248608-MOTOR 201 20 0400 W/2.8KX DC180V/10A	18.75	No	No	No	No	
106	MS155248608-MOTOR 201 20 0400 W/2.8KX DC180V/10A	13.97	No	No	No	No	
107	MS155248608-POWER TRAY 3 PH 150VA OPEN LOKAN	118.95	No	No	No	No	
108	MS155248608-PROTECTION CT 1500/1.4 15VA CLASS 1P20	0.02	No	No	No	No	
109	MS155248608-SPARE CURTAIN W/1.4 CL-PS	13.95	No	No	No	No	
110	MS155248608-REAR N (MERC) DIGITAL TIO/DC AC/DC/0.488	2.01	No	No	No	No	
111	MS155248608-LEAD ACID BATTERY 1500AH 01U/DEL 15A	1.97	No	No	No	No	
112	MS155248608-AL-120 DELTA 100V 3000/120V	5.84	No	No	No	No	
113	MS155248608-AC CHASSIS P/MODULE	0.07	No	No	No	No	
114	MS155248608-AC CHASSIS P/MODULE	1.84	No	No	No	No	
115	MS155248608-ACB-AC/DC CURRENT SENSITIVE SPARE 25A	17.61	No	No	No	No	
116	MS155248608-PP TRANSMITTER 4 TO 8 BAR/0.40	0.11	No	No	No	No	
117	MS155248608-PP TRANSMITTER 0-2000 MMWC	0.32	No	No	No	No	
118	MS155248608-DIFFERENTIAL PRESSURE TRANSMITTER	0.28	No	No	No	No	
119	MS155248608-SEAR UNIT OF 80 BAR/250 BAR VALVE	2.71	No	No	No	No	
120	MS155248608-SEAR MONITOR CARD/15A/700 1000000000	2.05	No	No	No	No	
121	MS155248608-KEY SWITCH SERVICE 1L221A/88-001	0.37	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mundra I
COG: 30.03.2014
For Financial Year: 2020-21

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
122	M542080014-RELATIVE VELOCITY DRIVER - UK-202A2	0.98	No	No	No	No	
123	M542080015-RELATV DISPLACMNT SENSOR (VJ021A206-1111)	1.00	No	No	No	No	
124	M542080023N-VALVE SOL. PROGRAMER	18.54	No	No	No	No	
125	M542080024-STACK POSITION SCK ANALYSR ACTIO	41.25	No	No	No	No	
126	M542128004-DENSITY METER CORRECTS.BP-25EH	8.25	No	No	No	No	
127	M542128005N-ULTRASONIC FLOW TRANSMITTER O-2200 M3/MH	4.50	No	No	No	No	
128	M542128007-LEVEL TRANSMTR O-40MTP, RADAR	2.21	No	No	No	No	
129	M542128008-LEVEL TRANSMTR O-20000 MVA RADAR TYPE	1.53	No	No	No	No	
130	M542080015-PNEU ACTUATOR - MODEL 48-4147Z, ORESSER	2.78	No	No	No	No	
131	M542080030-PNEU ACT FOR MLC CONTROL VALVE ACTUATOR	0.61	No	No	No	No	
132	M542080031-ON-LINE PRESS. CAT COMP ANGE. O-100 VOLT	75.20	No	No	No	No	
133	M542080034-POWER SUPPLY UNIT FOR LED-10 ACTUATOR	2.00	No	No	No	No	
134	M542080035-ACTUATOR (ORLEA 415) AC 24V-4-200/3/14 KV	14.54	No	No	No	No	
135	M542080036-420V/10A ACTUATOR	0.38	No	No	No	No	
136	M542080037-COMPLTE ACT ASSEMBY ALMA SA12A22	1.40	No	No	No	No	
137	M542080045-COMPLTE ACT ASSEMBY ALMA SA10A21	2.75	No	No	No	No	
138	M542080071-ALMA ACTUATOR SA10A21/111111	2.20	No	No	No	No	
139	M542080088-ELECTRIC ACTUATOR MODEL SA12A15-4E ALMA	0.28	No	No	No	No	
140	M542080091-ELECT ACTUATOR - TYPE - 245 2424 ALMA	7.12	No	No	No	No	
141	M542080092-DC-DC POWER PACK UNIT, 100W/15A/15V ALMA	1.24	No	No	No	No	
142	M542080093-ELE ACTUATOR ALMA SA10A15 FOR E-LE-PAC-VL-1	0.38	No	No	No	No	
143	M542080094-ELECTRICAL 1120-30A/50C COMPLETE ACTUATOR	1.88	No	No	No	No	
144	M542080124-ACTOR (250) 14A 4E RPM W/O NO-9900	0.28	No	No	No	No	
145	M542080063-ELECT ACTUATOR ALMAE ROTORX 4 150 F12A	0.33	No	No	No	No	
146	M542080068-ALMA (1) SA10A21 W/O NO-95A 8 90	1.87	No	No	No	No	
147	M542080011-ALMA SA100E17-1000/1025	4.02	No	No	No	No	
148	M542080099-ELECT COMPLETE ACTUATOR/100 FOR ALMA	0.31	No	No	No	No	
149	M542080113-ELECT ACT 1120 10 2 5P/18 RPM	1.38	No	No	No	No	
150	M542118011N-MF CALIBRATOR TORO DAVIS 11111	12.56	No	No	No	No	
151	M542080070-VOLTAGE MONITOR - C/734L7890S	0.00	No	No	No	No	
152	M552080001-ANALOG INPUT MODULE FM6111 ALMAE FORBORG	0.71	No	No	No	No	
153	M552080017-ALMA ONE ANALOG I/P MODULE, FM6111/100A	0.62	No	No	No	No	
154	M552080020-ALMA ONE ANALOG OUTPUT 4-20MA EDC6111/100A	0.17	No	No	No	No	
155	M552080024-ANALOG I/P CARD/500 I/P/PC1 ALMA ONE 8411	0.75	No	No	No	No	
156	M552080028-ANALOG DC I/P MODULE, 5000/1000/18 8411	0.80	No	No	No	No	
157	M552080030-8125 CONTROLLER MODULE, FM 1110, FORBORG	2.44	No	No	No	No	
158	M552080031-FLD DRIVE V/LT M/L TRNO, FORBORG	0.20	No	No	No	No	
159	M552080032-8PACX PACK FOR ALMA ONE, 891 30 1821A 8411	2.12	No	No	No	No	
160	M552080033-CONCRETE I/P MODULE FM6117, ALMAE FORBORG	1.08	No	No	No	No	
161	M552080034-DIGITAL INPUT 24 DC I/CR100 FORBORG/1000E	0.24	No	No	No	No	

Details of Capital Expenditure

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mahe-1
COG: 30.03.2014
For Financial Year: 2020-21

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Contingency	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
262	M551251901-DIGITAL OUT MODULE-FRM137, MAKE FORBORG	0.20	No	No	No	No	
263	M551251902-CHANNEL IO EXT SOURCE DO MODULE, FRM142	2.22	No	No	No	No	
264	M551251903A-SCHNEIDER DIGITAL OUTPUT 1400028F06	1.10	No	No	No	No	
265	M551251903B-PROJECTOR MODULE SINGLE	68.31	No	No	No	No	
266	M5522011001-4 SLOT VERT BASE PLATE-4PWR MAKE FORBORG	0.30	No	No	No	No	
267	M5522011002-8 SLOT VERT BASE PLATE-8PWR MAKE FORBORG	6.45	No	No	No	No	
268	M5522011003-SCHNEIDER POW SUP 24V 80000P221400	0.40	No	No	No	No	
269	M5522011004-CONTROL PROCESSOR, PCP270, MAKE FORBORG	0.24	No	No	No	No	
270	M557206022-PRECISION SERVER - MODEL: T340, DELL	12.82	No	No	No	No	
271	M557206020-HISTORIAN SERVER - MODEL: T7600, DELL	28.47	No	No	No	No	
272	M5582011001-WORKSTATION - MODEL: P5500,HP,HP FORBORG	6.33	No	No	No	No	
273	M562010020-24PORT RISE MANAGED SWITCH, MAKE SYTERYS	4.25	No	No	No	No	
274	M5642050001-OPC TO ETHERNET MEDIA CONVERTOR-STANDARD	0.07	No	No	No	No	
275	M5700041001-SERVER CONTROL REGN. 1-4, 200K, 3000, 300V	24.11	No	No	No	No	
276	M5700041002-SERVER MULT REGN. 1-4, 200K, 3000, 300V	20.58	No	No	No	No	
	Total - Mahe-1 and Mahe-6 (2120 MW)	3330.50					
	Total - For Mahe-1 (1808 MW)	1435.56					

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Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masuda I
COD: 30.03.2014
For Financial Year: 2021-22

Sr. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Advances (F)	Claimed as a part of stores and spares	Justification
1	M18201507400-GATE VALVE SW END A216 WCC1500-BOMM	0.95	No	No	No	No	
2	M1841167420-CHECK VALV SW END A216 WCC1500-BOMM	0.91	No	No	No	No	
3	M1818111170-400 RE MARK OFFLEUTTERVALVE	0.00	No	No	No	No	
4	M1370450000-REPAIRS AND MAINTN OPERATIONAL 242/500	56.85	Yes	No	No	No	
5	M1370551720-REPAIRS AND MAINTN OPERATIONAL 244/500	51.41	Yes	No	No	No	
6	M2041110000-GELECON COMP 420-COMP ASSY	3.97	No	No	No	No	
7	M2041118500-PC-FLUID000M77 HD-9-COMP ASSY	1.81	No	No	No	No	
8	M2041140000-COMP ASSY PERMIBL COUPLING PFT-510	13.21	No	No	No	No	
9	M2041146000-COMP ASSY PERMIBL COUPLING PFT-500	10.10	No	No	No	No	
10	M2041144000-COMP ASSY PERMIBL COUPLING PFT-460	10.25	No	No	No	No	
11	M2020184000-COMP ASSY GLECON GEAR BOX KONGS	11.00	No	No	No	No	
12	M2021254800-COMP ASSY GLECON GEAR BOX KD-313	83.71	No	No	No	No	
13	M2021221500-GE GLECON GEAR BOX INTERNAL	3.38	No	No	No	No	
14	M2021117300-COMP ASSY GLECON GEAR BOX PHD-24 NO 1	18.75	No	No	No	No	
15	M2021451700-COMP ASSY ALLENBERRY GEAR BOX CMC-353	13.89	No	No	No	No	
16	M2020117700-GEAR REEL-COMP ASSY	1.03	No	No	No	No	
17	M2020142100-KINLOGAR COP 2100 COMP ASSY	10.47	No	No	No	No	
18	M1118216048-CARTROSE 4121 DN RTD 1000-1	13.69	No	No	No	No	
19	M1115016000-PUMP ASSY ASSY 80-250V43	43.58	No	No	No	No	
20	M1118808014-ROU RUAL 98% VAR P2-58.24 DSE FOR BR	0.34	No	No	No	No	
21	M1118808143-THELIST BRGSTR-HEP BRP PR PUMP 4X43E	1.85	No	No	No	No	
22	M1118148000-PUMP ASSY PIS 582A 200000	13.05	No	No	No	No	
23	M1118147000-PUMP ASSY SRI 150K12	12.84	No	No	No	No	
24	M2112160000-SHFT WATER PUMP ASSY FLOWMORE PIS F 2033	8.00	No	No	No	No	
25	M11294018000-PUMP ASSY GOODWIN 100A102	24.51	No	No	No	No	
26	M2149116000-PUMP ASSY 8HP-50	68.37	No	No	No	No	
27	M2147066112-CVP 1500-PUMP SHFT	3.85	Yes	No	No	No	
28	M21470660419-REPAIRS 2340321 CVV 2130	91.50	No	No	No	No	
29	M2148916254-PUMP ASSY RB 125/27/1960V9	9.74	No	No	No	No	
30	M2121140000-COMPLETE PUMP	7.17	No	No	No	No	
31	M2187100000-401114-24HC COMPLETE ASSEMBLY	2.84	No	No	No	No	
32	M2110200000-PUMP BRP SLUDGE/SURRY ATTACH W0111 4	43.00	No	No	No	No	
33	M2341116000-PUMP ASSY 100/400-TPE 3/C	8.57	No	No	No	No	
34	M2411580211-55H SLURRY PUMP P84A100/175A CLOCKWISE SAM	74.24	No	No	No	No	
35	M2148116000-COMP PP ASSY 1AM TURBOLAR 120/150	13.11	No	No	No	No	
36	M2144988000-PUMP ASSY 2M F 180/18	11.51	No	No	No	No	
37	M2144988000-PUMP ASSY 2M F 180/18	13.97	No	No	No	No	
38	M217118018-50000 WATER RING VACUUM PUMP ASSY	27.37	No	No	No	No	
39	M239013000-217°C W-COMP ASSY	3.28	No	No	No	No	
40	M238020000-PUMP ASSY 8M17C	10.88	No	No	No	No	
41	M2798111000-COMPLETE VALVE ASSY 2014 1000/R 20M148	13.11	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mandak
COD: 30.03.2014
For Financial Year: 2021-22

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
41	M179680104-VALVE SEAT & COLLAR SET	2.61	No	No	No	No	
42	M0786043049-STEAM VALVE COLLAR SET	26.00	No	No	No	No	
44	M1796180415-7/8" STEAM VALVE SEAT SET	48.21	No	No	No	No	
45	M1796180415-ANGLE DRN VV ASSY 110-DART-101	7.11	No	No	No	No	
46	M1796180415-VALVE SEAT SET 110-DART-101	7.42	No	No	No	No	
47	M1796180415-VALVE SEAT SET 110-DART-101	7.41	No	No	No	No	
48	M1796180415-COMPLTE VALVE ASSY 110-DART-101	20.47	No	No	No	No	
49	M1796180415-COMPLTE VALVE ASSY 110-DART-101	11.11	No	No	No	No	
50	M1796180415-COMPLTE VALVE ASSY 110-DART-101	8.41	No	No	No	No	
51	M1796180415-VALVE SEAT SET 110-DART-101	10.00	No	No	No	No	
52	M1796180415-VALVE SEAT SET 110-DART-101	10.00	No	No	No	No	
53	M1796180415-VALVE SEAT SET 110-DART-101	2.12	No	No	No	No	
54	M1796180415-VALVE SEAT SET 110-DART-101	4.44	No	No	No	No	
55	M1796180415-VALVE SEAT SET 110-DART-101	4.44	No	No	No	No	
56	M1796180415-VALVE SEAT SET 110-DART-101	8.88	No	No	No	No	
57	M1796180415-VALVE SEAT SET 110-DART-101	20.00	No	No	No	No	
58	M1796180415-VALVE SEAT SET 110-DART-101	24.12	No	No	No	No	
59	M1796180415-VALVE SEAT SET 110-DART-101	12.00	No	No	No	No	
60	M1796180415-VALVE SEAT SET 110-DART-101	9.00	No	No	No	No	
61	M1796180415-VALVE SEAT SET 110-DART-101	1.71	No	No	No	No	
62	M1796180415-VALVE SEAT SET 110-DART-101	4.50	No	No	No	No	
63	M1796180415-VALVE SEAT SET 110-DART-101	1.50	No	No	No	No	
64	M1796180415-VALVE SEAT SET 110-DART-101	111.88	No	No	No	No	
65	M1796180415-VALVE SEAT SET 110-DART-101	45.00	No	No	No	No	
66	M1796180415-VALVE SEAT SET 110-DART-101	111.88	No	No	No	No	
67	M1796180415-VALVE SEAT SET 110-DART-101	7.50	No	No	No	No	
68	M1796180415-VALVE SEAT SET 110-DART-101	1.61	No	No	No	No	
69	M1796180415-VALVE SEAT SET 110-DART-101	42.74	No	No	No	No	
70	M1796180415-VALVE SEAT SET 110-DART-101	6.01	No	No	No	No	
71	M1796180415-VALVE SEAT SET 110-DART-101	2.27	No	No	No	No	
72	M1796180415-VALVE SEAT SET 110-DART-101	2.24	No	No	No	No	
73	M1796180415-VALVE SEAT SET 110-DART-101	2.12	No	No	No	No	
74	M1796180415-VALVE SEAT SET 110-DART-101	0.72	No	No	No	No	
75	M1796180415-VALVE SEAT SET 110-DART-101	12.75	No	No	No	No	
76	M1796180415-VALVE SEAT SET 110-DART-101	24.07	No	No	No	No	
77	M1796180415-VALVE SEAT SET 110-DART-101	24.50	No	No	No	No	
78	M1796180415-VALVE SEAT SET 110-DART-101	1.62	No	No	No	No	
79	M1796180415-VALVE SEAT SET 110-DART-101	7.01	No	No	No	No	
80	M1796180415-VALVE SEAT SET 110-DART-101	6.41	No	No	No	No	
81	M1796180415-VALVE SEAT SET 110-DART-101	42.00	No	No	No	No	

It is hereby certified that the quantities mentioned above are correct and true.

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mandla I
COG: 30.03.2014
For Financial Year: 2011-12

Sr. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
80	MS12218204-MDL DR-UP PRIMARY TOCS2200418 BHC	17.41	No	No	No	No	Investment in capital expenditure is eligible for all three forms of cost credit under the provisions of section 35(2)(a) of Income Tax Act, 1961. The expenditure incurred on the purchase of machinery and fixed capital assets for which cost of acquisition of capital assets is not ascertainable is eligible for cost of acquisition of capital assets as per section 35(2)(a) of Income Tax Act, 1961. The expenditure incurred on the purchase of capital assets for which cost of acquisition of capital assets is not ascertainable is eligible for cost of acquisition of capital assets as per section 35(2)(a) of Income Tax Act, 1961. The expenditure incurred on the purchase of capital assets for which cost of acquisition of capital assets is not ascertainable is eligible for cost of acquisition of capital assets as per section 35(2)(a) of Income Tax Act, 1961.
81	MS12218210-SECONDARY BACKUP 2004180008 SHL	17.41	No	No	No	No	
82	MS12218224-VALVE SUPPLY 3U/547380 2008040000	4.99	No	No	No	No	
83	MS12218227-VALVE SUPPLY 3U/547380 2008040000	0.61	No	No	No	No	
84	MS12218228-HYDROGEN OIL TURBO GENERATOR	14.91	No	No	No	No	
85	MS12218230-REGULATING VALVE W/EL CLAMP 1001804	27.28	No	No	No	No	
86	MS12218231-HYD SPEED GOVERNOR Assy 1114210000000	12.74	No	No	No	No	
87	MS142016275-GEAR BOX & 10 TURB TURBINE & GOVT/F/F	25.82	No	No	No	No	
88	MS12218232-GEAR BOX 15000WAC ELEC/CH C/F/T/100	14.51	No	No	No	No	
89	MS12218233-HYDRAULIC MOTOR 4 ELEC/CH C/F/T/100	45.98	No	No	No	No	
90	MS12218234-HORN DRIVE - T&S PULLEY	2.76	No	No	No	No	
91	MS12218235-HORN DRIVE - 2000 PULLEY/DRIVE PULLEY	1.30	No	No	No	No	
92	MS12218236-COMPOSITE BUCKET WITH LIPER 88U 1005-04	6.74	No	No	No	No	
93	MS12218237-ROTOR DEFLECTOR FULLY FOR CONV	1.37	No	No	No	No	
94	MS12218238-BUCKET W/EL 2 PLANDT	40.17	No	No	No	No	
95	MS12218239-PROCAST HUB ASSY 1001701 ELEC/CH C/F/T/100	10.09	No	No	No	No	
96	MS12218240-GRINDER RSP 1001701 ELEC/CH C/F/T/100	41.75	No	No	No	No	
97	MS12218241-GRINDER Assy 1-4-10-1000-2-004 MBE	40.85	No	No	No	No	
98	MS12218242-BUTTERFLY VALVE ASSY-1400MM	44.71	No	No	No	No	
99	MS12218243-VALVE COMPLETE PAN Assy	1.24	No	No	No	No	
100	MS12218244-C-PIN SHAFT 1000W 090/090-GRUBMS	1.94	No	No	No	No	
101	MS12218245-BOTTOM CAUSEWAY REIN FOR JAW CHU	70.90	No	No	No	No	
102	MS12218246-SELF PROPELLED ART BROOM/RT	19.71	No	No	No	No	
103	MS12218247-DOOR ASSY 8000 DOOR 80-100	227.34	No	No	No	No	
104	MS12218248-80-100 TORQUE CONVERTER	2.71	No	No	No	No	
105	MS12218249-MOTOR 1100W 1400RPM 1001804	1.24	No	No	No	No	
106	MS12218250-MOTOR 300W 1100RPM 1001804	4.00	No	No	No	No	
107	MS12218251-MOTOR 1100W 1400RPM 1001804	4.84	No	No	No	No	
108	MS12218252-MOTOR 1100W 1400RPM 1001804	7.18	No	No	No	No	
109	MS12218253-MOTOR 300W 1100RPM 1001804	13.79	No	No	No	No	
110	MS12218254-MOTOR 300W 1100RPM 1001804	19.00	No	No	No	No	
111	MS12218255-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	58.11	No	No	No	No	
112	MS12218256-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	44.48	No	No	No	No	
113	MS12218257-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	0.20	No	No	No	No	
114	MS12218258-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	18.31	No	No	No	No	
115	MS12218259-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	0.32	No	No	No	No	
116	MS12218260-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	0.05	No	No	No	No	
117	MS12218261-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	7.72	No	No	No	No	
118	MS12218262-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	0.64	No	No	No	No	
119	MS12218263-3PH POWER 150V 3.65KW 400V 3.65KW 400V 3.65KW	1.37	No	No	No	No	

Details of Capital Expenses

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masoora
COG: 30.03.2014
For Financial Year: 2011-12

Sr. No.	Details of Capital Expenses and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
122	MS04153087-RELY NUM 220V DC GE TRC	4.57	No	No	No	No	
123	MS04153049-RELY NUM 220V DC GE TRC	3.04	No	No	No	No	
124	MS4568211509-24VAL VTR GAS DISCONNECT	44.60	No	No	No	No	
125	MS41750609-2125V ACDC VTR 20131017030484 (SINUS)	58.00	No	No	No	No	
126	MS41701829-DR TRANSMITTER D-2000 MPANCL	0.69	No	No	No	No	
127	MS41639029-SERVO UNIT OF FFW PASS SPVAL VALVE	5.71	No	No	No	No	
128	MS41594909-3RD ACTN CNTRL UNIT 43028978000101	13.64	No	No	No	No	
129	MS41059240N-DRIVER FOR RUAL SHFT SENSOR V4-45141	1.04	No	No	No	No	
130	MS41060901-RELTY DISPLACMNT SENSOR HLJ01A09-1011	0.48	No	No	No	No	
131	MS48411033-CLD CNPLAT UNITSOX,NOX ANALYSER	0.11	No	No	No	No	
132	MS41159004-CANOPY METER CIRCULOUS 30-JX-EH	17.06	No	No	No	No	
133	MS41209077H-FAKSE CW DISCHARGE VALVE BOSCH REBOTH	19.95	No	No	No	No	
134	MS48109072-CCD COLOUR CAMERA 480 PIXEL WX COOLED	49.98	No	No	No	No	
135	MS48118075-FLIRFACE FLUVE CAMERA APP	28.84	No	No	No	No	
136	MS48120040-HEX IMATOR DETECTOR	0.70	No	No	No	No	
137	MS47051972	14.05	No	No	No	No	
138	MS47060989-PENUL ACT FOR MIL CONTROL VLV ACTUATOR	1.71	No	No	No	No	
139	MS47060948-ACTUATOR ASSY TYPE 48-4114A 2" X28 3/8"	0.48	No	No	No	No	
140	MS47060974-PNEU ACTUATOR 3/4"X1.5"X48 MIL	1.13	No	No	No	No	
141	MS47061809-PNEUMATIC ACT # 38 X58 1/2" SPARE	0.51	No	No	No	No	
142	MS48101100-ELECT ACTUATOR MODEL 1139-80-H8C	4.04	No	No	No	No	
143	MS48101012N-ELECTICAL ACTUATOR MODEL NO 5X20 1/2 1/8"	17.31	No	No	No	No	
144	MS48022504-RTD WITH TUB FOR TEMP JENSINS ELEMENTS	0.15	No	No	No	No	
145	MS48114009-LCD DISPLAY SCREEN ALONG WITH MOUNTING 4	13.31	No	No	No	No	
146	MS02188030-MAXONIA ANALOG OUTPUT 4-DIGIT-8001300308	2.87	No	No	No	No	
147	MS02188034-ANALOG I/P CARD 150 IOP802 MAX-DNA EHEL	0.23	No	No	No	No	
148	MS02188033-ANALOG INPUT MODULE CH0401 CARD MAXONIA	3.87	No	No	No	No	
149	MS02188031N-A VOLTAGE INPUT IOP 305 PH ED0518210054	3.54	No	No	No	No	
150	MS02188030N-4-DIGIT ANALOG OUTPUT CONTROLLER CARD	2.05	No	No	No	No	
151	MS113470123N-SCANNER INTERF RD HEAD (1400991300)	0.88	No	No	No	No	
152	MS14202013-COMMUN MODULE CM571 ETH MAKE 48E	0.70	No	No	No	No	
153	MS11348030-DIGITAL INPUT 24 DC IOP301 ED0518210054	0.17	No	No	No	No	
154	MS02188030-DVI MATRIX SWTCHER 2K I/P 800V GREEN	3.42	No	No	No	No	
155	MS02179013N-PROJECTOR MODULE 01N5L6C	13.24	No	No	No	No	
156	MS04492010N-8IG EXTENDER MODULE ED05180571A MAX-DNA	1.71	No	No	No	No	
157	MS02188030-PROGRAMMABLE CONTROLLER PMS74 ETH 48E	0.75	No	No	No	No	
158	MS02179029N-PRG REDUNDANCY CPU K09503A30 05	6.30	No	No	No	No	
159	MS02188032N-PRNT PROCESSOR MODULE ED0518004098 84E1	11.34	No	No	No	No	
160	MS02188031N-PRG 1440 PROCESSOR ED0518004098 MAX-DNA	20.37	No	No	No	No	
161	MS02188031N-PRNT PROCESSOR MODULE ED0518004098 DCS	18.28	No	No	No	No	

Details of Capital Expenditure

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mahe-I
COD: 30.03.2014
For Financial Year: 2011-12

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Compensatory	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
262	M5547480316-SECONDARY PROCESSOR, C9622304028	18.24	No	No	No	No	
263	M5577028004-PC FOR UNIT SERVER, 4GB MM2 D45	0.21	No	No	No	No	
264	M557706004-FREEDOM SERVER - MODEL: T350, DELL	10.30	No	No	No	No	
265	M557720607-HISTORIAN SERVER - MODEL: T7810, DELL	53.84	No	No	No	No	
266	M5577748004-CONRA SER- EX, 2011E4- 28111-0431, HEMENS	25.40	No	No	No	No	
267	M558251102-WORKSTATION - FORBORG	3.89	No	No	No	No	
268	M558290002-ENGINE WORKSTATION, 4001-800000, GE	14.44	No	No	No	No	
269	M558290002-ENGINE WORKSTATION, 4001-800000, GE	13.57	No	No	No	No	
270	M558290025A-WORKSTATION FOR ENVIRONMENTAL	10.00	No	No	No	No	
271	M558290025B-PC, WORK STATION, 64000040282	10.00	No	No	No	No	
272	M558290025C-PC, NETWORK COMPUTER (THIN CLIENT)	16.89	No	No	No	No	
273	M5630100120-REPORT BROWSER MANAGER SWITCH, 3000, ENTERSYS	4.24	No	No	No	No	
274	M5700041289-SERVER, INTEL XEON, X 2-4, 2GHZ, 4GB, 1CPU	14.67	No	No	No	No	
275	M5700041313-SERVER, INTEL XEON, X 2-4, 2GHZ, 4GB, 1CPU	14.67	No	No	No	No	
	Total - Mahe-I and Mahe-II (2320 MW)	3464.37					
	Total - For Mahe-I (1600 MW)	1485.28					

Petitioner

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masoora
COG: 30.03.2014
For Financial Year: 2012-13

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Reserve (F)	Claimed as a part of stores and spares	Justification
1	M1834104715-NS11732-GATE VALVE ASSY-CI 1500-NS20M11	0.87	No	No	No	No	
2	M183484513-GATE VALVE SLIDING ENDS 150 NS	0.13	No	No	No	No	
3	M1835085215-C.I. GATE VALVE 205 150mm	0.08	No	No	No	No	
4	M1835885206-C.I. GATE VALVE CLASS-150-SIZE 205mm	0.24	No	No	No	No	
5	M1837011883-8-1/2" V.V. MAN PLUG FW14 50 750MM	1.04	No	No	No	No	
6	M1837810485-8P VALVE IN FLANGE IS CROSS IN 150 800MM	1.02	No	No	No	No	
7	M003118900-COMP ASSY ELBOW GEAR BOX KWVT-410	178.88	No	No	No	No	
8	M0032207140-INTERMEDIATE SHFT 170H 40.1 ELBOW FWD-18	19.00	No	No	No	No	
9	M0034421900-COMP ASSY ALLEYSERV GEAR BOX CHC-500	8.07	No	No	No	No	
10	M003554500-COMP ASSY PW GEAR BOX MODEL 45-1	7.59	No	No	No	No	
11	M003671300-04 ASSY F14.8V1. PTL 40 2015	40.89	No	No	No	No	
12	M003690101-PUMP HEAD (S-200) FLOW 170-800(M/H)	53.08	No	No	No	No	
13	M013686007-VALVE ASSY 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2"	0.38	No	No	No	No	
14	M0136861100-VALVE ASSY 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2"	5.08	No	No	No	No	
15	M0137014000-04 22500-SHR 7050	114.61	No	No	No	No	
16	M013755004-750-2470H IMPELLER	72.31	No	No	No	No	
17	M013761600-750-2470H INTERMEDIATE SHAFT -3	15.84	No	No	No	No	
18	M013809002-750-2470H INTERMEDIATE SHAFT -4	15.84	No	No	No	No	
19	M0137100489-NECK END, EARLE BUNG, EXITTING MOD-BIS	47.84	No	No	No	No	
20	M0137100488-NECK END, EARLE BUNG, EXITTING MOD-4IS	21.41	No	No	No	No	
21	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.41	No	No	No	No	
22	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
23	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
24	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
25	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
26	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
27	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
28	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
29	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
30	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
31	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
32	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
33	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
34	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
35	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
36	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
37	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
38	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
39	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
40	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	
41	M013821800-DRIVE SHAFT 114 WINDLINE VMP 750-2470H	18.24	No	No	No	No	

Details of Capital Expenditure

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mundra I
COG: 30.03.2014
For Financial Year: 2022-23

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
41	M840499(DRAIN)-AFTER COOLER 1456813412(ATLAS COPCO	10.71	No	No	No	No	
42	M878060800-0-C130-DI-HW-BW-NICE COMPLETE VALVE ASSY	3.74	No	No	No	No	
44	M879060800-4-C130-DI-HW-BW-NICE COMPLETE VALVE ASSY	1.01	No	No	No	No	
45	M879060800-COMplete VALVE ASSY NABO-700/1100/1800-002	211.05	No	No	No	No	
46	M879060800-COMplete VALVE ASSY NABO-700/1100/1800-70-	41.48	No	No	No	No	
47	M879060800-7-PISTON BUSH HOOK VALVE 2215-08	39.83	No	No	No	No	
48	M879060800-8-PISTON RING COMPLETE VALVE ASSY 1001	6.99	No	No	No	No	
49	M879060800-10-086 VALVE ASSY CANTON/5301 LABEL	24.38	No	No	No	No	
50	M879060800-11-C130-DI-HW-NICE COMP V/V ASSY	3.48	No	No	No	No	
51	M880110444-HYDRAULIC MOTOR 31100000081 BHEL	12.01	No	No	No	No	
52	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.99	No	No	No	No	
53	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	1.06	No	No	No	No	
54	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	64.90	No	No	No	No	
55	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	421.53	No	No	No	No	
56	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	7.85	No	No	No	No	
57	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.97	No	No	No	No	
58	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.70	No	No	No	No	
59	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	16.23	No	No	No	No	
60	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	12.47	No	No	No	No	
61	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	23.48	No	No	No	No	
62	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	17.94	No	No	No	No	
63	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	44.01	No	No	No	No	
64	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	11.01	No	No	No	No	
65	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	12.70	No	No	No	No	
66	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	1.58	No	No	No	No	
67	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	25.35	No	No	No	No	
68	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	2.00	No	No	No	No	
69	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	3.00	No	No	No	No	
70	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	2.50	No	No	No	No	
71	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.89	No	No	No	No	
72	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	2.41	No	No	No	No	
73	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.21	No	No	No	No	
74	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	8.47	No	No	No	No	
75	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	3.21	No	No	No	No	
76	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	4.08	No	No	No	No	
77	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	6.14	No	No	No	No	
78	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	4.48	No	No	No	No	
79	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	4.42	No	No	No	No	
80	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	0.51	No	No	No	No	
81	M88010444-25-PISTON RING SET COMPLETE VALVE ASSY 1001	147.40	No	No	No	No	

It is hereby stated that the above details are correct and complete and the same are submitted for the consideration of the Hon'ble Member, Parliament, Ministry of Power, Government of India, New Delhi.

Details of Capital Spares

Name of the Petitioner: (NTPC Ltd)
Name of the Generating Station: Masoora
COD: 30.03.2014
For Financial Year: 2022-23

Sl. No.	Details of Capital Spares and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Advance (if)	Claimed as a part of stores and spares	Justification
80	MEE9025741-DR/200-COMPLETE STARTING AIR MOTOR	1.95	No	No	No	No	The above expenses are incurred on the plant for operation & maintenance purposes. As per the definition of capital assets in the Income Tax Act, 1961, these expenses are not eligible for deduction under section 30. Hence, it is requested that the capital assets incurred by the petitioner during the period may be treated as stores & spares for tax purposes.
81	MSE0115006-ROTOR ASSEMBLY TRIP GRASULET OR TRIP SA/TRA2	56.65	No	No	No	No	
84	MST0047118-SIDE BEAM ASSEMBLY ELECTRONIC ASSEMBLY 215-217	204.91	No	No	No	No	
85	MST0048964-HYDRAULIC PUMP ASSEMBLY	18.38	No	No	No	No	
86	MSE4468024-AIR MOTOR PLUMP TRIP COORDINATE/2404	15.94	No	No	No	No	
87	MSE9895086-AIR MOTOR PLUMP TRIP COORDINATE/2404	5.08	No	No	No	No	
88	MSE01249157-DRIVE PULLEY	8.33	No	No	No	No	
89	MSE01249157-HIGH DRIVE - PULLEY/SALE PULLEY	2.40	No	No	No	No	
90	MSE14878000-GRINDY FEEDER ASSEMBLY MOTOR/ELECTRONIC	15.92	No	No	No	No	
91	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	3.83	No	No	No	No	
92	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	45.58	No	No	No	No	
93	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	41.12	No	No	No	No	
94	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	20.17	No	No	No	No	
95	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	8.01	No	No	No	No	
96	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	21.11	No	No	No	No	
97	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	19.88	No	No	No	No	
98	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	20.00	No	No	No	No	
99	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	17.17	No	No	No	No	
100	MSE002810880-TRAILING WHEEL ASSEMBLY ASSEMBLY TRIP	72.28	No	No	No	No	
101	MSE13018884-TRACK SIDE ASSEMBLY ELECTRONIC ASSEMBLY	20.95	No	No	No	No	
102	MSE13018884-TRACK SIDE ASSEMBLY ELECTRONIC ASSEMBLY	20.95	No	No	No	No	
103	MSE00249157-PULLEY TRIP COORDINATE CHARGER TRIP	0.04	No	No	No	56	
104	MSE00249157-PULLEY TRIP COORDINATE CHARGER TRIP	0.05	No	No	No	No	
105	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	7.65	No	No	No	No	
106	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	6.54	No	No	No	No	
107	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	8.24	No	No	No	No	
108	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	13.95	No	No	No	No	
109	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.30	No	No	No	No	
110	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.08	No	No	No	No	
111	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	1.11	No	No	No	No	
112	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	2.01	No	No	No	No	
113	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.44	No	No	No	No	
114	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.24	No	No	No	No	
115	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	1.49	No	No	No	No	
116	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.44	No	No	No	No	
117	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.21	No	No	No	No	
118	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.34	No	No	No	No	
119	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.11	No	No	No	No	
120	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	0.71	No	No	No	No	
121	MSE12754083-MOTOR COIL CASE INDUCED MOTOR COIL CASE	3.27	No	No	No	No	

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masoora
COG: 30.03.2014
For Financial Year: 2012-13

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
122	MS41840041-PI LADSOLE ASP-30 (CARD TYPE CE-481-27-1E	0.50	No	No	No	No	
123	MS412080020-CONTROL UNIT, Pkg. FOR L988 V.V. CO	11.74	No	No	No	No	
124	MS420050415-DRIVER FOR AXIAL SHIFTER SENSOR, VV-451A2	0.52	No	No	No	No	
125	MS420010020-DRIVER FOR AFT ROTOR EXPANSION SENSOR	1.87	No	No	No	No	
126	MS420480014-WET PHASOR SENSOR, VL200A28A-101	0.24	No	No	No	No	
127	MS420600014-RELATIVE VIBRN. DRIVER, VV-201A2	0.24	No	No	No	No	
128	MS420600014-DUPL. DRIVER EXACT MOUNT, VL200A28A-101	0.24	No	No	No	No	
129	MS420600017-RELATIVE VIBRN. EXTN. CABLE, VV-201A4-B	0.50	No	No	No	No	
130	MS420640120-DIGITAL ISOLATOR 4-00VW	0.67	No	No	No	No	
131	MS420610173-470-DUPLEX ATDPT 2001 135MM	0.28	No	No	No	No	
132	MS420610184-470-DUPLEX ATDPT 2001 201MM	0.28	No	No	No	No	
133	MS420600019-DIGITAL INPUT MODULE, 8*10VDC	1.85	No	No	No	No	
134	MS420600019-DIGITAL OUTPUT MODULE, 8*10V DCO 1A	2.25	No	No	No	No	
135	MS421150002-RELIGIOLONG DENSITY TRANSURTR RIA200-41-CE4	8.08	No	No	No	No	
136	MS420000007-PHSL ACTR. PA-4 1100-0-100 AIR OPEN, PORA	10.09	No	No	No	No	
137	MS420010001-DOUBLE ACT. ACTR. 50-1000-11-100-512-885F	0.21	No	No	No	No	
138	MS420010001-DOUBLE ACT. ACTR. 50-1000-11-100-512-885F	0.05	No	No	No	No	
139	MS420010002-DOUBLE ACT. ACTR. 50-1000-11-100-512-885F	0.43	No	No	No	No	
140	MS420010004-DOUBLE ACT. ACTR. 50-1000-11-100-512-885F	0.08	No	No	No	No	
141	MS420000000-PHSL ACT FOR MFL CONTROL VALVE ACTUATOR	0.61	No	No	No	No	
142	MS420000000-PHSL ACTUATOR - TYPE 3A 7A MFL	1.97	No	No	No	No	
143	MS420010011-DUCK ANALYSER POWER SUPPLY BOARD	0.31	No	No	No	No	
144	MS420000000-ACTUATOR ELECTRIC 150/26.6VWV, LVWTDPOUS	20.46	No	No	No	No	
145	MS420000000-LIGHT TORQUE ACTUATOR (M80 60-91 885M)	13.41	No	No	No	No	
146	MS420000000-ELECT. ACTUATOR 1A0T 2-410-81-11, ALMA	2.34	No	No	No	No	
147	MS420000000-COMPLETE ACT. ASSEMBLY ALMA 1A100A20	2.45	No	No	No	No	
148	MS420000000-ELECT. ACTUATOR 1A0T 1A0T 2-410-81-11, ALMA	11.28	No	No	No	No	
149	MS420000000-ACTUATOR SASCEBO/AS200-40 WITH GBAR BOX	0.81	No	No	No	No	
150	MS420000000-COMPLETE ROTORCK ACTUATOR K900034 885PM	5.78	No	No	No	No	
151	MS420000000-CONTROL UNIT FOR ACTR. 430 TO 41000 ROTK	2.80	No	No	No	No	
152	MS420000000-ALARM PROCESSING MODULE FOR ELECTRONIC 4815	0.74	No	No	No	No	
153	MS420000000-DIGITAL PROCESSING MODULE FOR STD1 8481	0.73	No	No	No	No	
154	MS420000000-ANALOG O/P MODULE 401104-2, AL20M	0.08	No	No	No	No	
155	MS420000000-ELECTRONIC MODULE FOR DISCHARGE 0981	0.24	No	No	No	No	
156	MS420000000-DIGITAL O/P MODULE VIBRIST. MAKE ACYBORG	0.21	No	No	No	No	
157	MS420000000-PROJECTOR MODULE, PHELIC	20.56	No	No	No	No	
158	MS420000000-MASTER CLOCK SYSTEM COMPLETE	0.01	No	No	No	No	
159	MS420000000-PROGRAM POSN. ANALOG UNIT MEL. 1068178810A	1.11	No	No	No	No	
160	MS420000000-CONTROL PROCESSOR, FOR 270 MAKE POSN040	0.84	No	No	No	No	
161	MS420000000-PRECISION REFER. MODEL, T4810, DELTA	1.00	No	No	No	No	

Details of Capital Expenditure

Name of the Petitioner: **(NTPC Ltd)**
 Name of the Generating Station: **Mauda-1**
 COD: **30.03.2014**
 For Financial Year: **2022-23**

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
102	MISCELLANEOUS LOCAL SERVICE COMPAG (DA/DC/BA/C DIS)	25.25	No	No	No	No	
103	MISCELLANEOUS DA/DC/HARD DISK HP TS DR DIS	0.82	No	No	No	No	
	Total - Mauda-1 and Mauda-2 (3320 MW)	3558.95					
	Total - For Mauda-1 (3200 MW)	1377.34					

Petitioner

Details of Capital Expenditure

Name of the Petitioner: NTPC Ltd
 Name of the Generating Station: Masoora
 COG: 30.03.2014
 For Financial Year: 2013-14

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
1	M022188044-200 NR CE GATE VALVE FOR BRD AP-500	0.24	No	No	No	No	
2	M022188044-200A GLOW HO. CAST STEEL B-10001 (55147)	0.21	No	No	No	No	
3	M021817078-BUTTERFLY VALVE 500 MM AP-500 JN-2E	0.50	No	No	No	No	
4	M024126000-COMPLETE ASSY. 27-02-076A & 27-02-	19.54	Yes	No	No	No	
5	M024126000-PCU 27-02-076 COMP ASSY	0.71	No	No	No	No	
6	M022241881-GEAR BOX ASSY.ELECON 7 HWL 188R-1	8.31	No	No	No	No	
7	M021338900N-BE PITCH/ELECON ARCT-400	18.48	No	No	No	No	
8	M022227941-INTERNAL SET ELECT. GEAR BOX PLS-21-20-1	40.90	No	No	No	No	
9	M021327941-INTERNAL SET 37-OR 80-1.ELECON PND-18	15.00	No	No	No	No	
10	M022412900-GEAR BOX ASSY ALLENBERY 010-010	11.50	No	No	No	No	
11	M021327900-COMP ASSY ALLENBERY GEAR BOX CAC-400	43.74	No	No	No	No	
12	M021412944-COMP INTERNAL SET ALLENBERY 0K CAC-500	57.21	No	No	No	No	
13	M022211400-COMP ASSY PREMIUM ENERGY OR 823R-715	8.81	No	No	No	No	
14	M021212400-COMP ASSY PREMIUM ENERGY GEAR BOX H2(24)	18.00	No	No	No	No	
15	M021218000-COMPLETE ASSY. PTL GEAR BOX U1000	10.34	No	No	No	No	
16	M021178400-COMP ASSY PREMIUM ENERGY GEAR BOX U1400	6.90	No	No	No	No	
17	M020400800 (UR) W/ATCH 11/500-COMP ASSY	8.60	No	No	No	No	
18	M021810000-0178 W/PER.50143 ST.V/RES 34R1200	40.11	No	No	No	No	
19	M021810000-0178 W/PER.50143 ST.V/RES 34R1200	24.21	No	No	No	No	
20	M021700000-047713PLU-170-MACH SEAL COMP ASSY NEW	44.18	No	No	No	No	
21	M021701000-047713PLU-170-MACH SEAL COMP ASSY NEW	14.14	No	No	No	No	
22	M021700000-CVP 2100 PUMP SHAFT	2.48	No	No	No	No	
23	M021700000-THROCT 840 LANTERN, 300000, CVP 2100	18.17	No	No	No	No	
24	M021700000-SP-LINER, 210000, CVP 2100	47.90	No	No	No	No	
25	M021700000-W/ROLLER, 170000, CVP 2100	11.44	No	No	No	No	
26	M021700000-C-RING, 200000, CVP 2100	49.37	No	No	No	No	
27	M021700000-C-ROTOR, 200000, CVP 2100	12.00	Yes	No	No	No	
28	M021821000-PUMP ASSY. 17370118174310000 06L	8.28	No	No	No	No	
29	M021621901-PLAIN BEARINGS 300.00 LUNAR 250-470/1	9.86	No	No	No	No	
30	M021621901-THROCT BEARING PLATE, LUNAR 250-470/1	11.14	No	No	No	No	
31	M021220000-4PH SLURRY PUMP 400/750A CLOONEYSE 540	14.58	No	No	No	No	
32	M024470000-PUMP ASSY. 500 TURBO ATU14	11.07	No	No	No	No	
33	M021617000-PUMP ASSY. CS 80-100	10.23	No	No	No	No	
34	M021041000-PUMP ASSY TURBOCS 745 140 040	4.34	No	No	No	No	
35	M021700000-PUMP ASSY. 020010000	114.20	No	No	No	No	
36	M0217118018-010000 WATER RING VACUUM PUMP ASSY	26.31	No	No	No	No	
37	M020410000-PUMP ASSY. 8/4 BAH	14.84	No	No	No	No	
38	M040804210-SERVICE STAGE 181802181 ATLAS COPCO	18.21	No	No	No	No	
39	M040804210-SERVICE STAGE 181802181 ATLAS COPCO	47.34	No	No	No	No	
40	M040804210-SERVICE STAGE 181802181 ATLAS COPCO	38.60	No	No	No	No	
41	M040804210-SERVICE STAGE 181802181 ATLAS COPCO	18.17	No	No	No	No	

Details of Capital Expend

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mandak
COG: 30.03.2014
For Financial Year: 2013-14

Sl. No.	Details of Capital Expend and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
41	M1799615004-GATE VALVE Assy BHEL JWC CLEVER, WCG	2.57	No	No	No	No	
42	M079902000-GATE VALVE ASSY CELLERBRAND, BHEL	7.54	No	No	No	No	
44	M179904000-PIV-BONE-C-YSNCAAS COMPLETE ASSY BHEL	13.28	No	No	No	No	
45	M1799051004-CRACK VALVE ASSY W/6 COHR. VALVE ASSY	2.44	No	No	No	No	
46	M179906900-VALVE INLET, BHEL, CLASS, MOD, B	11.24	No	No	No	No	
47	M179908000-CRACK VALVE ASSY W/6 COHR. VALVE ASSY	14.24	No	No	No	No	
48	M179909000-THRUST BEARING VALVE ASSY W/6 COHR. VALVE ASSY	16.99	No	No	No	No	
49	M179910000-CRACK VALVE ASSY W/6 COHR. VALVE ASSY	11.24	No	No	No	No	
50	M279994000-NON RETURN VALVE ASSY CON ST J204, BHEL	10.82	No	No	No	No	
51	M179999200-CRACK VALVE ASSY W/6 COHR. VALVE ASSY	10.82	No	No	No	No	
52	M1799994004-CRACK VALVE ASSY W/6 COHR. VALVE ASSY	7.59	No	No	No	No	
53	M279999800-GATE VALVE ASSY W/6 COHR. VALVE ASSY	17.06	No	No	No	No	
54	M179999800-GATE VALVE ASSY BHEL	18.65	No	No	No	No	
55	M179999900-GATE VALVE ASSY BHEL	8.91	No	No	No	No	
56	M430118014-JOURNAL BEARING, BHEL, CLASS, MOD, B	13.48	No	No	No	No	
57	M4301180214-JOURNAL BEARING, BHEL, CLASS, MOD, B	259.17	No	No	No	No	
58	M4301180314-JOURNAL BEARING, BHEL, CLASS, MOD, B	303.24	No	No	No	No	
59	M4301180414-JOURNAL BEARING, BHEL, CLASS, MOD, B	13.24	No	No	No	No	
60	M4301180514-JOURNAL BEARING, BHEL, CLASS, MOD, B	14.57	No	No	No	No	
61	M4301180614-JOURNAL BEARING, BHEL, CLASS, MOD, B	2.59	No	No	No	No	
62	M4301180714-JOURNAL BEARING, BHEL, CLASS, MOD, B	8.57	No	No	No	No	
63	M4301180814-JOURNAL BEARING, BHEL, CLASS, MOD, B	4.69	No	No	No	No	
64	M4301180914-JOURNAL BEARING, BHEL, CLASS, MOD, B	12.21	No	No	No	No	
65	M4301181014-JOURNAL BEARING, BHEL, CLASS, MOD, B	4.94	No	No	No	No	
66	M4301181114-JOURNAL BEARING, BHEL, CLASS, MOD, B	20.39	No	No	No	No	
67	M4301181214-JOURNAL BEARING, BHEL, CLASS, MOD, B	28.44	No	No	No	No	
68	M4301181314-JOURNAL BEARING, BHEL, CLASS, MOD, B	1.40	No	No	No	No	
69	M4301181414-JOURNAL BEARING, BHEL, CLASS, MOD, B	1.66	No	No	No	No	
70	M4301181514-JOURNAL BEARING, BHEL, CLASS, MOD, B	1.63	No	No	No	No	
71	M4301181614-JOURNAL BEARING, BHEL, CLASS, MOD, B	3.10	No	No	No	No	
72	M4301181714-JOURNAL BEARING, BHEL, CLASS, MOD, B	3.74	No	No	No	No	
73	M4301181814-JOURNAL BEARING, BHEL, CLASS, MOD, B	1.05	No	No	No	No	
74	M4301181914-JOURNAL BEARING, BHEL, CLASS, MOD, B	251.24	No	No	No	No	
75	M4301182014-JOURNAL BEARING, BHEL, CLASS, MOD, B	48.07	No	No	No	No	
76	M4301182114-JOURNAL BEARING, BHEL, CLASS, MOD, B	27.24	No	No	No	No	
77	M4301182214-JOURNAL BEARING, BHEL, CLASS, MOD, B	3.43	No	No	No	No	
78	M4301182314-JOURNAL BEARING, BHEL, CLASS, MOD, B	19.28	No	No	No	No	
79	M4301182414-JOURNAL BEARING, BHEL, CLASS, MOD, B	28.41	No	No	No	No	
80	M4301182514-JOURNAL BEARING, BHEL, CLASS, MOD, B	13.71	No	No	No	No	
81	M4301182614-JOURNAL BEARING, BHEL, CLASS, MOD, B	0.88	No	No	No	No	

As per the details of the expenditure incurred and maintained in the books of account, the expenditure is eligible for capitalization.

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mundra I
COG: 00.03.2014
For Financial Year: 2013-14

Sl. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
80	M4750016449-ELECTRICAL ACTUATOR BAEI, 30KVA, 500MM	14.24	No	No	No	No	These small expenditures were incurred regularly for wear and tear during such normal operations parts of machinery which become damaged/overhaul parts are replaced, purchased so that the machine continues to perform as required, effectively or substantially functional as per Regulation 18(1) special allowance accounts operated as part of COG accounts. Therefore, it is proved that the capital spends incurred by the power station during the period are eligible for allowance under Part B of Commission.
81	M4750040054-SERVO MOTOR 400Y	14.01	No	No	No	No	
82	M475000021-SERVO MOTOR 400Y 24	16.87	No	No	No	No	
83	M4750024154-DR PORT BRG ASY FOR BRP 1004 MFL	0.81	No	No	No	No	
84	M5122000349-UNIDERR-40HZ 40600200100A	0.08	No	No	No	No	
85	M5122000774-DAY 4 PC, UNO661 31.22CH DIGITAL LD	0.08	No	No	No	No	
86	M5122048043-DAY 42 M484333333308	2.00	No	No	No	No	
87	M5146070021-MCN CSDC-10-01-04-MSD-6PFA, TAG PS-12	13.36	No	No	No	No	
88	M5146000007-60 SHAFT BEARING 6X16X170 I	0.80	No	No	No	No	
89	M5201180004-CAGE BY TRP 300VULPOT, TRM 547TH412	43.84	No	No	No	No	
90	M5201091119-GRAB BOX 15X16X41, 41000-EP, 75/185	24.14	No	No	No	No	
91	M5201040044-HYDRAULIC MOTOR 4.21500-EP, W4 208-008	2.11	No	No	No	No	
92	M5201095101H-GRAB BEAM, TRP 1005-2400-004	110.31	No	No	No	No	
93	M5201040010-0005 PULLY 1800000120005HART113000800	1.28	No	No	No	No	
94	M5222171485-0200744 APC LUFF CYLINDER	3.87	No	No	No	No	
95	M5222162344-ROLL BOX 3LBY 400, 150 32 2100 501 41 *	128.20	No	No	No	No	
96	M5222162500-DRIVE WHEEL ASY 4000004 TRP	4.00	No	No	No	No	
97	M5222162511-WM 315-117-HPJ RADIAL MOTOR MOTOR	4.11	No	No	No	No	
98	M5276119000-ROTARY AIR COMPRESSOR ASY 20074	8.81	No	No	No	No	
99	M5215017847-TORQUE CONVERTER ASY, 041119001 800L, 80003	4.79	No	No	No	No	
100	M5215018884-TRACK PINS X501 140CT00100444A, DODER	25.80	No	No	No	No	
101	M5215018891-TRANSMISSION ASY 150741318 800L 80305	20.15	No	No	No	No	
102	M5215018889-DRIVE ASY 1120000012 800L 80305	46.81	No	No	No	No	
103	M5215018911-TRANSMISSION ASY 150741318 800L 80305	19.41	No	No	No	No	
104	M5215019017A-HP ASY 202710441A, 800L	10.24	No	No	No	No	
105	M5215019017B-CONDENSER ASY, 021010001 151301 1MFLX0FL	6.44	No	No	No	No	
106	M5215019009-CONDENSER ASY 1XFL, 1513 320 1A	11.88	No	No	No	No	
107	M5215019004V-DELUGE VALVE ASSEMBLY SIDE 90 HB	1.07	No	No	No	No	
108	M5215019003V-DELUGE VALVE ASSEMBLY SIDE 90 HB	1.08	No	No	No	No	
109	M5227144214A-11 KV BUS SUPPORT INSULATOR	0.54	No	No	No	No	
110	M5214604084-MOTOR 110V/1 1485RPM, 60110	1.42	No	No	No	No	
111	M521460104-MOTOR 010 4150AC 3.12L 29 VL 180W	8.88	No	No	No	No	
112	M5242211000-WY MOTOR 4000RPM	13.80	No	No	No	No	
113	M5201070047-MOTOR 30L 90.140K 100.8 MV, DC18P7104F	18.11	No	No	No	No	
114	M5201040083-MOTOR 00L 30 CAGE 100.8 MV, DC11P880 4F	13.24	No	No	No	No	
115	M5201070047-MOTOR 30L 90 CAGE 100.8 MV, DC40L800 4F	17.00	No	No	No	No	
116	M5201100425-70V POWER SUPPLY MODULE FOR VFD	0.11	No	No	No	No	
117	M5204011000-4PFA DSP 11KV 0.4030V 8200VA, 8P, 0FL11	6.11	No	No	No	No	
118	M4751710004-SPRM CURR 400V AC CL-PS	13.90	No	No	No	No	
119	M5215011001-4PFA, POT, CAPACITIVE VOLTAGE 400KV	3.74	No	No	No	No	

Details of Capital Spends

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Masuda I
COG: 30.03.2014
For Financial Year: 2013-14

Sr. No.	Details of Capital Spends and Expenses	Amount	Claimed as a part of additional	Funded through Contingentary	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
122	MS41458114-RELAY NUM DISTANCE PROT SA 110VAC	4.52	No	No	No	No	
123	SP214762607-BATTERY ASSEMBLY 1A BANK 20 220V 100AH 50	140.11	No	No	No	No	
124	MS414706047-COMplete VPO SYSTEM 500KW 495A 440V	48.66	No	No	No	No	
125	MS41484819-PROGESS TRANSMITER	1.88	No	No	No	No	
126	MS41494010-CP TRANSMITTER RANGE-10 100MMW	0.11	No	No	No	No	
127	MS41494410-OFF FREQUENE TRANSMITTER (5-540) 30W/50C	0.32	No	No	No	No	
128	MS41494810-CP TRANSMITTER RANGE - 10 - 1000 MMW	0.31	No	No	No	No	
129	MS41500012-ELECTRO-HYDRAULIC ACTUATOR AD4000-30	0.57	No	No	No	No	
130	MS41512810M-HYDRO SERVO MOTOR ASM 100-21 DO	12.68	No	No	No	No	
131	MS41513010M-SERVO VALVE 4WAY2WAY-21-90/117/15/16/15/15	2.41	No	No	No	No	
132	MS41513010M-POSITION TRANSMTR. 2500V -M, SPARE CO	8.71	No	No	No	No	
133	MS41513010M-SOL VALVE ASD - 1/2"X1/2" 796 P/58	0.73	No	No	No	No	
134	MS41513010M-SAFETY CONTROL UNIT 1500V P-3-200-V-500	14.58	No	No	No	No	
135	MS41513010M-SOL VALVE ASD 1000000007 REB774	20.04	No	No	No	No	
136	MS41513010M-SOL VALVE-MANUAL 63A/1000V/240V/240V/240V	1.67	No	No	No	No	
137	MS41513010M-TEST GENERATOR MODULE-5150V-50A/10	0.02	No	No	No	No	
138	MS41513010M-CONVERTOR 000-00111 VORTH T/100	7.33	No	No	No	No	
139	MS41513010M-ELEV TRANSMITTER RANGE 300MM	0.43	No	No	No	No	
140	MS41513010M-22 MT SUBMERGED CPU-40L MP/142	25.87	No	No	No	No	
141	MS41513010M-PNEU ACTUATOR 80 85 00455A 200-30MM/8	1.31	No	No	No	No	
142	MS41513010M-PROPORTIONAL CNTRL V/V-HYDRAULIC CO	2.54	No	No	No	No	
143	MS41513010M-ENERGY CYLINDER 850021700	40.45	No	No	No	No	
144	MS41513010M-ENERGY CYLINDER 850021818	77.77	No	No	No	No	
145	MS41513010M-ENERGY CYLINDER 850021811	48.87	No	No	No	No	
146	MS41513010M-ENERGY CYLINDER 850021812	78.07	No	No	No	No	
147	MS41513010M-ENERGY CYLINDER 850021817	48.13	No	No	No	No	
148	MS41513010M-POWER CYLINDER COMPLETE WITH POSITIONER	6.42	No	No	No	No	
149	MS41513010M-PNEUMATIC ACTUATOR - 21 / 1E	0.54	No	No	No	No	
150	MS41513010M-PNEU ACTR MOL 17-21011 31011F 1 ML	0.25	No	No	No	No	
151	MS41513010M-CONTINUOUS FLOW RGM ANALYSER	27.20	No	No	No	No	
152	MS41513010M-POWER SUPPLY UNIT LANTTORQUE 1120-85-85	0.35	No	No	No	No	
153	MS41513010M-ACTUATOR RELEASE 1410 80MM	18.14	No	No	No	No	
154	MS41513010M-ACTUATOR ELE 800MM FLS 5400 2 FLS 80MM	8.40	No	No	No	No	
155	MS41513010M-2-WAY/3-1/2" 3000PSI WG NO-45A-1 85	1.34	No	No	No	No	
156	MS41513010M-SEPA BOX 24000-24000 17-20000 200-10	0.21	No	No	No	No	
157	MS41513010M-ELECT ACTUATOR 7M2-10540 UNITE 78040	1.00	No	No	No	No	
158	MS41513010M-ELECT VMP ACTUATOR 7M2-10540 UNITE 78040	17.68	No	No	No	No	
159	MS41513010M-VOLTAGE MONITOR C0734178000	0.08	No	No	No	No	
160	MS41513010M-VALVE-DRY 50MM 20 (F) MODULE 82N92200014	0.17	No	No	No	No	
161	MS41513010M-ARC-FLASH-COUNTING TRANSDUCER 82N92200014	1.48	No	No	No	No	

Details of Capital Expenditure

Name of the Petitioner: NTPC Ltd
Name of the Generating Station: Mahe-1
COD: 30.03.2014
For Financial Year: 2013-14

Sl. No.	Details of Capital Expenditure and Expenses	Amount	Claimed as a part of additional	Funded through Contingent	Funded through Special Allowance (F)	Claimed as a part of stores and spares	Justification
262	MSE01460019-ANALOG I/O I/P MODULE, EDN92301016-8HE	0.64	No	No	No	No	
263	MSE14200019-DIGITAL I/O MODULE, CNF277-ETH, 16MB, 488	0.12	No	No	No	No	
264	MSE0341001-DIGITAL I/O MODULE, FMV217, MAKE FORNARD	1.25	No	No	No	No	
265	MSE20480020-DIGITAL INPUT 24 DC IOP20 EDN92301016-8	0.84	No	No	No	No	
266	MSE14241001-CHANNEL I/O EXT. POL. REL. I/O MODULE, FMV343	4.25	No	No	No	No	
267	MSE2448001-DIGITAL I/O CARD, MEXDHA, OPREL, EDN92301016-8	0.25	No	No	No	No	
268	MSE4018000-PROGRAMMABLE CONTROLLER, PMS74-ETH, 488	0.74	No	No	No	No	
269	MSE01041001-CONTROL PROCESSOR, PCV270, MAKE FORNARD	0.34	No	No	No	No	
270	MSE4748017-7th PRN PROCESS MODULE, EDN92301016-8	11.47	No	No	No	No	
271	MSE47480006-SECONDARY PROCESSOR, EDN92301016-8	17.41	No	No	No	No	
272	MSE7720001-SERVER, POWER EDGE 4X2G, DELL	14.05	No	No	No	No	
273	MSE77200017-AUTOMATIC SERVER, MODEL, T7610, DELL	12.83	No	No	No	No	
274	MSE8020001A-WORK STATION, HAS 6GB RAM WITH GRAPHICS	10.84	No	No	No	No	
275	MSE40041001-SERVER, XENTEL, XENTEL, 3.4 GHz, 4GB, 300W	24.78	No	No	No	No	
276	MSE7424001-SERVER, MULTI BAY, 3.4 GHz, 4GB, 300W	26.77	No	No	No	No	
	Total - Mahe-1 and Mahe-6 (2120 MW)	4136.58					
	Total - For Mahe-1 (1808 MW)	1608.87					

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PART 1							
Non-Tariff Income						Form-1A	
						(Amount in Rs)	
Name of the Petitioner:			NTPC Limited				
Name of the Generating Station:			Mandi-1				
S. No.	Parameter	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1.	Income from cost of land or buildings		33,53,776	14,44,218	17,20,800	24,85,200	17,20,200
2.	Income from sale of scrap		21,07,171	44,88,600	31,04,100	36,78,500	47,53,400
3.	Income from advertisements		-	-	-	-	-
			48,63,147	59,30,819	48,24,900	1,02,48,400	64,73,700
<i>Note: The above figures are 50% of the total non-tariff income for the power licensee and have already been shared with the beneficiaries in terms of 2019 Tariff Regulations.</i>							
						(Petitioner)	

Details of Water Charges

Name of the Petitioner: NTPC Ltd.

Name of the Generating Station: Manda-I

S. No.	Details of Water charges for Manda STPS (2320 MW)		Yearly Sub-Agreement Quantum for Manda STPS (2320 MW)	Normative consumption for Manda STPS (2320 MW)	Rate specified (as per post-notification or agreement)	Spillage of water (in percentage)	Amount Claimed for Manda-I (1000 MW)
	Name of source - Govindhard Dam Allocation Qty (MCM)	Amount (Rs)	MCM	MCM	Unit - Rs/cum		Unit- Rs Lakhs
2019-20	100.00	22,60,76,342.00	34.00	85.53	5.28 for Q1, 5.76 for Q 2 to Q4	Nil	974.47
2020-21	100.00	22,18,85,198.00	30.00	63.33	5.76 for Q1, 6.24 for Q 2 to Q4	Nil	956.40
2021-22	100 MCM upto 03.06.2021; 75 MCM from 04.06.2021 onwards	23,94,28,111.00	53.00	45.35	6.24 for Q1, 6.72 for Q 2 to Q4	Nil	1118.22
2022-23	75.00	39,29,09,526.00	33.00	63.33	6.72 for Q1, 11.00 for Q 2 to Q4	Nil	1091.55
2023-24	75.00	53,83,55,074.00	35.00	65.53	11.00 for Q1, 12.10 for Q 2 to Q4	Nil	2320.50

Note: Detailed computation of water charges provided at Annexure-A9 of the instant petition. The Rates specified above are for industrial water. Refer Annexure-A9 for rates for drinking water.

(Petitioner)

Details of Statutory Charges

Name of the Petitioner:- NTPC Ltd.

Name of the Generating Station: Maude-I

(Amount in Rs)

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	No Statutory Charges				
Total	-	-	-	-	-

(Petitioner)

DYSP/No of Assets De-capitalised during the period

Name of the Post/Office: WPC Unit
 Name of the Generating Station: Madga (TPE Stage-I)
 CDD: 08.01.2024
 For Financial Year: 2023-24

S. No.	Name of the Asset	Nature of de-capitalisation (whether covered under exclusion or as additional capital expenditure)	Value of the Asset De-capitalized as per CDD	(BRS 44)	Value of the Asset De-capitalized as per CAAF	Year Paid to Govt	Depreciation received (in case of de-capitalization)	Whether carrying stock at normal rate or Wt Avg rate of interest as Govt
Block of MADA - part of (BRSM) list								
A MADA - Other Office Equipments								
1	Other Office Equipments	Acc Cap	1.13	2.73	1.81	08.01.2024 23.03.23	0.40	Normal rate
Sub Total A			1.13	2.73	1.81		0.40	
B MADA - EOP, WPT machines & SATCOM equipments								
2	EOP, WPT machines & SATCOM equipments	Acc Cap	1.79	17.28	24.84	08.01.2024 23.03.23	0.29	Normal rate
7			0.99	1.23	0.23	01.12.24	1.07	
3			1.01	3.83	2.36	01.14.23	0.84	
Sub Total B			3.79	21.94	27.44		2.19	
C MADA - Electrical Installations								
4	Electrical Installations	Acc Cap	187.73	13.24	188.78	08.01.2024 20.03.22	01.23	Normal rate
Sub Total C			187.73	13.24	188.78		01.23	
D MADA - Communication Equipments								
	Communication Equipments	Acc Cap	20.21	6.27	27.18	08.01.2024 23.03.22	0.54	Normal rate
Sub Total D			20.21	6.27	27.18		0.54	
TOTAL Block of MADA - part of (BRSM) list		Acc Cap	217.86	42.98	258.94		76.36	

DYKIN of Assets De-capitalized during the period

Name of the Postholder: WRC Ltd
 Name of the Generating Station: Meads (TPE Reg) 1
 CSD: 8021 2234
 For financial year: 2015-16

Break of Spans: part of capital cost

			2015	2016	2017	CSD U&I	2018	Normal rate
			282.23	112.29	207.48	00 00 00	202.28	Normal rate
			282.23	0.00	282.23	01 12 04	282.23	Normal rate
			34.28	8.23	26.04	00 00 00	34.28	Normal rate
			34.28	0.00	34.28	01 12 04	34.28	Normal rate
			0.00	0.00	0.00	01 12 04	0.00	Normal rate
1	Decapitalisation of spans (part of capital cost)	As per Cap	27.47	0.00	27.47	01 12 04	27.47	Normal rate. As per Order dated 28 08 17 in 2027/2028, the 2028 LL was allowed for capital spans against sum of 2000 \$1 year in 2017-18, i.e. 80.00% allowed. Accordingly, against spans of Rs 28.73 was, which were capitalised in 2017-18, Rs 27.47 was considered as part of capital cost and decrease as part of capital cost.
TOTAL of Break of Spans: part of capital cost			317.81	120.29	334.94		336.23	

Break of Spans: not part of capital cost

1	Decapitalisation of spans (not part of capital cost)	As per Cap	0.00	0.00	0.00	01 12 04		As per Order dated 28 08 17 in 2027/2028, the 2028 LL was allowed for capital spans against sum of 2000 \$1 year in 2017-18, i.e. 80.00% allowed. Accordingly, against spans of Rs 28.73 was, which were capitalised in 2017-18, Rs 27.47 was considered as part of capital cost and decrease as part of capital cost.
TOTAL of Break of Spans: not part of capital cost			0.00	0.00	0.00			

Other Break

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DySNo of Asset De-capitalised during the period

Name of the Postholder: WPC Ltd
 Name of the Generating Station: Madhav TPP (Rajp) I
 CDD: 18.01.2018
 For Financial Year: 2017-18

Detail of Capital De-capitalised (Outlets of Capital Cost)	Location	789.87	-789.87	2.00			Capital De-capitalised should be 100% of actual cost and not under estimated. Hence, 100% of the capital cost kept under estimation.
Total De-capitalised (not part of commission)		789.87	-789.87	2.00			
Grand Total of De-cap		1,537.80	-629.76	887.84		279.00	

(Signature)

Details of Assets Depreciated during the period

Name of the Petitioner: **KTFC Ltd**
 Name of the Assessing Officer: **Mumbai STTS Stage 1**
 COO: **30.08.2018**
 For Financial Year: **2018-19**

Sl. No.	Name of the Asset	Method of Depreciation (whether straight line method or additional depreciation)	Value of the Asset Depreciated in per cent	MBDA Act	Value of the Asset Depreciated as per IGAAP	Year Part is used	Depreciation allowed @ rate of depreciation	Whether claiming 50% at normal rate or WDA @ rate of interest on loan
Details of MBDA - part of capital cost								
A: MBDA- Other Office Equipments								
1	Other Office Equipments	Add Cap	0.28	0.27	0.73	COO w/o 1 (11.07.2012)	0.28	Normal rate
Sub Total A			0.28	0.27	0.73		0.28	
B: MBDA- ITR, WF machines & SATCOM equipments								
1	ITR, WF machines & SATCOM equipments	Add Cap	0.34	3.99	4.90	COO w/o 1 (11.07.2012)	3.78	Normal rate
2			0.84	0.26	0.70	77.12.12	3.18	
Sub Total B			2.78	3.65	6.24		2.86	
C: MBDA- Electrical installations								
1	Electrical installations	Add Cap	0.34	0.75	4.30	COO w/o 1 (11.07.2012)	3.55	Normal rate
Sub Total C			2.84	1.75	4.30		1.69	
TOTAL Details of MBDA - part of capital cost			6.25	7.31	22.25		8.74	

Details of Assets Depreciated during the period

Name of the Petitioner: RTFC Ltd
 Name of the Generating Station: Meads STTS Stage 1
 COG: 30.08.2018
 For Financial Year: 2020-21

Deprec of Assets (part of Capital Cost)

S	Description of Assets (Part of Capital Cost)	Add-On	190.24	134.58	224.81	COG U-4 11.03.2012	124.33	Normal rate
			100.01	0.00	111.23	COG U-4 28.08.2016	23.24	Normal rate
TOTAL of Deprec of Assets (part of capital cost)			290.25	134.58	336.04	FT 20-13	147.57	

Deprec of Assets (not part of capital cost)

S	Description of Assets (not part of Capital Cost)	Exclusion	0.00	0.00	0.00	FT 20-13	Depreciation of Assets in 2020-21 not allowed i.e. 0% (Over period 18.9.02 to 28.08.2016)	
TOTAL of Deprec of Assets (not part of capital cost)			0.00	0.00	0.00			
Gross Total of Deprec of Assets in 2020-21			290.25	134.58	336.04		147.57	

(Petitioner)

Details of Assets De-capitalised during the period

Name of the Institution: NTPC Ltd.
 Name of the Generating Station: Maudh STPS Raigarh
 ID: 33.43.2024
 For financial year: 2023-24

Sr. No.	Name of the Asset	Nature of De-capitalisation (whether claimed credit inclusion or an additional capital expenditure)	Value of the Asset De-capitalised as per MDD	MDD %	Value of the Asset De-capitalised as per MDDP	Fee Paid to user	Depreciation recovered till date of de-capitalisation	Whether saving EOD at normal rate or 10% Avg rate of interest as per
Group of Assets: part of capital cost								
MDDP - Software								
1	Software	Add'l Cap	1.00	25.00	38.50	000/- (13.25.24)	43.54	Normal rate
2			4.10	3.10	4.50	Rs 54.00	1.50	Normal rate
	Sub Total		4.10	28.50	43.00		45.04	
	TOTAL Group of MDDP - part of capital cost	Net Cap	4.10	28.50	43.00		46.54	
Group of Assets: part of capital cost								
			22.00	47.40	224.70	000/- (13.25.24)	45.00	Normal rate
			27.57	3.00	27.57	Rs 15.00	13.50	Normal rate
			108.24	22.84	123.50	000/- (13.25.24)	40.70	Normal rate
			5.00	3.00	3.50	Rs 10.00	1.00	
3	Residualisation of Assets (part of Capital Cost)	Net Cap	1.00	3.00	1.50	Rs 12.00	0.00	Normal rate as per Order dated 28.09.23 in 2023-24. No credit to get allowed for debit balance approx. sum of 1000.00 sum in 2023-24. i.e. 28.00% allowed. Accordingly, approx. total of Rs 1.25 sum, which was booked on 13.05.23. Rs 1.25 sum considered as part of debit content booked for part of capital cost.
	TOTAL of Group of Assets: part of capital cost		286.91	324.34	632.27		136.24	

Details of Assets De-capitalised during the period

Name of the Pesticider: NYPC Ltd
 Name of the Generating Station: Mauds STPC Regent
 ID: 37.43.2024
 For Financial Year: 2023/24

Group of Assets: Not part of capital cost							
1	Depreciation of General (not part of Capital Cost)	Deduction	270	0.00	270	FY 21-22	As per Order dated 13.08.21 in 2021/22, by 13.08.21 was allowed for capital expenditure claim of 2021/22, per FY 2021-22 (A 20.45% allowed, accordingly against book of 41.2.21 amt, which were debited in 2021/22, 41.2.21 amt considered as part of capital cost and balance as not part of capital cost.
			11.61	0.00	11.61	FY 22-23	Depreciation allowed under inclusion in 2023-24 rate Order dated 13.08.21 in 2021/22 by 13.08.21 21/22.
			0.00	0.00	0.00	FY 23-24	Depreciation allowed under inclusion in 2023-24.
			48.61	0.00	48.61		
TOTAL of Group of Assets not part of capital cost			48.61	0.00	48.61		
Group of Capital Overhead							
2	Deduction of Capital Overhead	Deduction	251.27	-251.27	0.00	FY 21-22	This deduction of overhead is 104742 and allowed under inclusion, book of the 2021/22 451,182 under inclusion.
			251.27	-251.27	0.00		
Grand Total of Group of assets in 2023-24			1,344.54	-477.27	867.27		486.73

Details of Assets Depreciated during the period

Name of the Institution: - GPC Ltd
 Name of the Generating Station: - Wazir VPP Stage-1
 CDD: - 01.04.2019
 For Financial Year: - 2022-23

Sr. No.	Name of the Asset	Nature of depreciable asset (whether normal asset, under section or an additional asset, operational)	Value of the asset Depreciated as per rule 2	WDD Amt	Value of the Asset Depreciated as per GEAR	Less: PFR to Govt	Depreciation amount (if rate of depreciation)	Whether leaving PFR at normal rate or the 10% rate of interest on loan
Details of WDDAs part of capital cost								
a) WDDA- Temporary structure								
1	Temporary structure	Asst. Str.	0.00	0.00	0.00	0.00	0.00	Normal rate
	Sub Total a		0.00	0.00	0.00	0.00	0.00	
b) WDDA- Furniture & fixtures								
	Furniture & Fixtures	Asst. Str.	0.87	0.86	0.87	0.00	0.86	Normal rate
	Sub Total b		0.87	0.86	0.87	0.00	0.86	
c) WDDA- Other Office Equipments								
	Other Office Equipments	Asst. Str.	9.70	9.67	9.69	0.00	9.69	Normal rate
	Sub Total c		9.70	9.67	9.69	0.00	9.69	
d) WDDA- BOP, A/C Machines & SPICOM Equipment								
	BOP, A/C Machines & SPICOM Equipment	Asst. Str.	0.00	0.00	0.00	0.00	0.00	Normal rate
	Sub Total d		0.00	0.00	0.00	0.00	0.00	
e) WDDA- Communication Equipments								
	Communication Equipments	Asst. Str.	9.70	9.67	9.69	0.00	9.69	Normal rate
	Sub Total e		9.70	9.67	9.69	0.00	9.69	

Details of Assets Depreciated during the period

Name of the Assessee: - SPPC Ltd
 Name of the Depreciating Section: - Fixed Assets Section
 CDD: - 01.04.2004
 For Financial Year: - 2023-24

Sl. No.	Description of Assets	Particulars	2022-23			2023-24		Remarks
			Original Cost	Accumulated Depreciation	Net Book Value	Depreciation for the year	Net Book Value	
Block 1: Laboratory & Workshop Equipment								
1	Laboratory & Workshop Equipment	Addition	2.48	0.47	2.01	0.50	1.51	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			2.48	0.47	2.01	0.50	1.51	
Total			2.48	0.47	2.01	0.50	1.51	
Block 2: Depreciation of Assets (Part of General Term)								
2	Depreciation of Assets (Part of General Term)	Addition	120.00	20.00	100.00	12.00	88.00	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			120.00	20.00	100.00	12.00	88.00	
Total			120.00	20.00	100.00	12.00	88.00	
Block 3: Depreciation of Assets (Part of General Term)								
3	Depreciation of Assets (Part of General Term)	Addition	0.00	0.00	0.00	0.00	0.00	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
Total			0.00	0.00	0.00	0.00	0.00	
Block 4: Depreciation of Assets (Part of General Term)								
4	Depreciation of Assets (Part of General Term)	Addition	0.00	0.00	0.00	0.00	0.00	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
Total			0.00	0.00	0.00	0.00	0.00	
Block 5: Depreciation of Assets (Part of General Term)								
5	Depreciation of Assets (Part of General Term)	Addition	0.00	0.00	0.00	0.00	0.00	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
Total			0.00	0.00	0.00	0.00	0.00	
Block 6: Depreciation of Assets (Part of General Term)								
6	Depreciation of Assets (Part of General Term)	Addition	0.00	0.00	0.00	0.00	0.00	Normal wear
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
			0.00	0.00	0.00	0.00	0.00	
Total			0.00	0.00	0.00	0.00	0.00	
Total			2.48	0.47	2.01	0.50	1.51	

Details of Assets Depreciated during the period

Name of the Petitioner: NTPC Ltd
 Name of the Generating Station: Munda STPS Stage 4
 CDR: 01.01.2014
 For Financial Year: 2013-14

S. No.	Name of the Asset	Nature of de-capitalisation (whether claimed as an addition or as additional capital expenditure)	Value of the Asset Depreciated as per Income Tax Act	Booked Amt	Value of the Asset Depreciated as per IGAAP	Rate Per Cent	Depreciation allowed till date of de-capitalisation	Whether earning RDB at normal rate or Wd Avg rate of interest on loan
Group of MROA: part of capital cost								
a) MROA - Furniture & Fixtures								
	Furniture & Fixtures	Add Cap	8.42	8.18	11.84	000%+1 (11.84/2013)	8.18	Normal rate
			1.80	1.80	1.80	1% (18/14)	1.79	
			0.09	1.44	4.00	1% (14/13)	1.00	
	Sub Total a)		10.31	10.42	16.64		10.97	
b) MROA - Other Office Equipments								
	Other Office Equipments	Add Cap	1.00	1.00	4.00	000%+1 (11.84/13)	1.00	Normal rate
			0.00	0.00	0.00	1% (14/14)	0.00	
	Sub Total b)		1.00	1.00	4.00		1.00	
c) MROA - Electrical Installations								
	Electrical Installations	Add Cap	0.00	0.00	0.04	000%+1 (11.84/13)	0.04	Normal rate
			0.00	0.00	0.04	000%+1 (11.84/14)	0.04	
	Sub Total c)		0.00	0.00	0.08		0.08	
	TOTAL Group of MROA: part of capital cost	Add Cap	10.31	10.52	20.72		12.05	

Details of Assets Depreciated during the period							
Name of the Proliferator - NTRC Ltd Name of the Generating Station - Moolali STP (Stage 4) COE - 01.10.2014 For Financial Year - 2023-24							
Details of Specific part of Capital Cost							
A			₹1.00	₹1.00	240.00	000-0-0 (31.03.2018)	70.00
			100.00	100.00	210.00	000-0-0 (30.06.2018)	100.00
			0.00	0.00	0.00	01.01-23	0.00
			0.00	0.00	0.00	01.03-23	0.00
			0.00	0.00	0.00	01.04-23	0.00
Distribution of Capital Part of Capital Cost	ABS Cost		4.00	0.00	4.00	01.07-23	0.00
TOTAL of Deprec of Specific part of capital cost			100.00	207.00	467.00		100.00
Details of Specific part of initial cost							
B			0.00	0.00	0.00	01.07-23	
			0.00	0.00	0.00	01.08-23	
			04.78	0.00	04.78	01.09-23	
			13.80	0.00	13.80	01.10-23	
			12.10	0.00	12.10	01.11-23	
TOTAL of Deprec of Specific part of capital cost			16.68	0.00	16.68		0.00
Gross Total of Deprec of assets			116.68	207.00	483.68		100.00

Summary of Gross Block reconciliation

Name of the Petitioner: NYFC LTD.

Name of the Generating Station: Maudslayi

COG: 30.03.2014

Sl No.	Particular	2019-20	2020-21	2021-22	2022-23	2023-24	remarks:
1	Closing Gross Block as per IND AS	14,26,206.15	14,43,025.29	14,66,325.02	14,82,479.05	15,04,169.71	
2	Add: cumulative Ind AS Adjustment	48,486.36	46,828.64	45,050.27	46,492.23	44,438.10	
	IndAS Adjustments in the Financial Year (break-up given below)	(3,304.75)	(3,640.22)	(1,748.37)	1,411.96	(2,054.32)	
	Less: Gross block adjustment with regard to Acc. Dep for decapitalisation	161.57	142.59	169.78	281.00	327.88	
	Less: Capital overhauling/major inspection capitalised out of revenue	3,734.55	2,192.04	3,387.80	1,976.14	2,024.26	
	Add: Decapitalisation of capital Overhauling	789.97	671.28	1,865.73	2,296.35	1,733.79	
	Less: Unsettling expenses Capitalised	-	6.37	17.32	-	-	
	Add/Vendor Discounting	2.96	28.68	8.87	0.04	14.82	
	Less: Any other Adj in PPE due to IND AS implementation (EUT)	1.57	-	-0.44	-	-	
	Add: Contractor FERV charged to P&L account	-	-	-49.88	371.90	-41.03	
3	Closing Gross Block as per IGAAP	14,74,775.01	14,89,562.92	15,11,965.29	15,38,971.28	15,48,687.81	
4	Opening Gross Block as per IND AS	13,74,660.54	14,26,206.15	14,43,025.29	14,66,325.02	14,82,479.05	
5	Add: Cumulative Ind AS Adjustment	51,573.62	40,488.88	45,628.04	45,050.27	48,482.23	
6	Opening Gross Block as per IGAAP	14,26,224.15	14,74,775.01	14,88,653.32	15,11,965.29	15,38,971.28	
7	Total Additions as per books (G = 3 + 6)	48,330.86	15,078.91	22,051.37	27,063.98	9,636.34	
8a	Less: Additions pertaining to other stage (Maudslayi-D)	18,744.71	14,943.66	16,589.32	22,649.36	6,528.16	
8b	Less: Additions pertaining to Combustion Modification for Maudslayi-III	-	229.33	790.43	57.40	-	
9	Net Additions pertaining to instant project Unit Stage	9,806.55	(593.88)	4,671.62	4,357.22	3,108.17	
10	Less: Exclusions (Items not allowable / not claimed)	10,200.65	(660.66)	3,688.47	4,755.02	1,300.81	
11	Net Additional Capital Expenditure Claimed (on accrual basis)	(394.50)	66.88	983.14	(393.80)	1,807.36	
12	Less: Un-discharged Liabilities (as per IGAAP)	(133.69)	(221.35)	(126.55)	7.87	164.72	
13	Add: Discharges of un-discharged liabilities, corresponding to admitted assets/work (as per IGAAP)	834.81	1,282.91	787.18	166.07	2,860.19	
14	Net Additional Capital Expenditure Claimed (on cash basis)	375.40	1,570.45	1,897.87	(240.80)	4,503.03	

(Petitioner)

Statement showing items/events/works claimed under Exclusions

Name of the Policyholder : NTPC Ltd
Name of the Generating Station : Mahe STPS Stage-I
COG : 30.03.2014
For Financial Year : 2013-14

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification	
		Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per (GAMP)	Undisbursed liability (included in vol. 3)	Cost basis	W/C Included in vol. 3		
(1)	(2)	(3)	(4)	(5 = 3+4)	(6)	(7 = 5+6)	(8)		
1	Loan EHV	9,287.54	0.00	9,287.54	0.00	9,287.54	0.00	As per CERC Tariff Regulation 2010, the Loan EHV is directly billed to the beneficiaries. Accordingly, the same has been kept under exclusion.	
2	Reversal of liability (not-claimed items)	-1.00	-0.00	-1.00	-1.00	0.00	0.00	Corresponds to not-claimed items.	
3	Capital Overhaul	888.89	-888.89	0.00	0.00	0.00	0.00	As per IND-AS Adjustments, hence kept under exclusion.	
4	Decap of Capital Overhaul	-188.87	188.87	0.00	0.00	0.00	0.00	As per Form-I	
5	Capital Spares capitalization	817.81	0.00	817.81	0.00	817.81	0.00	Capital Spares capitalization beyond allowable limit.	
6	Decap of Spares not part of capital cost	-13.24	0.00	-13.24	0.00	-13.24	0.00	As per Form-I	
7	Inter Unit Transfer								
	Assets	To/From							
	Furniture & Fixtures	To: Rtdg	-0.31	-0.31	-0.31	0.00	-0.31	0.00	These interunit transfers are of temporary nature and not allowed by Hon'ble Commission for the purpose of tariff. Hence, the same has been kept under exclusion.
	Commercial Equipment	To: SOC	-0.20	-0.20	-0.20	0.00	-0.20	0.00	
	Total Inter Unit Transfer		-0.51	-0.51	-0.51	0.00	-0.51	0.00	
	Total Exclusion Claimed		18,279.70	-79.01	18,200.69	-1.00	18,201.69	0.00	

(Signature)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NTPC Ltd
 Name of the Generating Station : Masinda STPS Stage-I
 CDD : 30.03.2014
 For financial year : 2020-21

Sl. No.	Kind of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per IGAAP	Undischarged liability included in col. 3	Cash basis	IDC Included in col. 3	
(1)	(2)	(3)	(4)	(5) = 3-4	(6)	(7) = (5-6)	(8)	(9)
1	Loan ETV	-2,947.06	0.00	-2,947.06	0.00	-2,947.06	0.00	As per CERC Tariff Regulations 2018, the Loan ETV is directly billed to the beneficiaries. Accordingly, the same has been kept under exclusion.
2	Capital Overhaul	1,520.75	-1,520.75	0.00	0.00	0.00	0.00	As per IRO-GE Adjustments, same kept under exclusion.
3	Capital Spares capitalization	2,288.33	0.00	2,288.33	5.30	2,288.33	0.00	Capital Spares capitalization beyond allowable limit.
4	Detail of spares (not part of capital cost)	-8.92	0.00	-8.92	0.00	-8.92	0.00	Refer Form-I
	Total Exclusion Claimed	880.70	-1,520.75	-640.06	5.30	-645.36	0.00	

(Petitioner)

Statement showing Items/assets/works claimed under Exclusions

Name of the Petitioner : NTPC Ltd
Name of the Generating Station : Masinda STPS Stage-I
CID : 55.03.2014
For financial year : 2021-22

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	IND AS Adj.	Accrual basis as per 95AAA	Undischarged liability included in col. 3	Cash basis	IDC Included in col. 3	
(1)	(2)	(3)	(4)	(5) = 3-4	(6)	(7) = (5-6)	(8)	
1	Loan ETV	1,634.44	0.00	1,634.44	0.00	1,634.44	0.00	As per CERC Tariff Regulations 2018, the Loan ETV is directly billed to the beneficiaries. Accordingly, the same has been kept under exclusion.
2	Contractor's P&V (not claimed/disallowed works)	-13.38	0.00	-13.38	-13.38	0.00	0.00	Pertains to not claimed/ disallowed works.
3	Capital Overhaul	2,085.92	-2,085.92	0.00	0.00	0.00	0.00	As per IND-AS Adjustments. Hence kept under exclusion.
4	Decap of capital overhaul	-851.87	851.87	0.00	0.00	0.00	0.00	As per IND-AS Adjustments. Hence kept under exclusion.
5	Capital Spares Capitalization	2,085.92	0.00	2,085.92	-851.89	1,234.03	0.00	Capital Spares Capitalization beyond allowable limit.
6	Decap of spares (not part of capital cost)	-18.23	0.00	-18.23	0.00	-18.23	0.00	Kafer Form-I
	Total Exclusion Claimed	4,892.51	-1,208.94	3,683.57	838.62	2,844.95	0.00	

(Petitioner)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NTPC Ltd
Name of the Generating Station : Masinda STPS Stage-I
COD : 30.03.2014
For financial year : 2022-23

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per 93AA9	Undischarged liability included in col. 3	Cash basis	IOC Included as per 3	
(1)	(2)	(3)	(4)	(5) = 3-4	(6)	(7) = (5-6)	(8)	
1	Loan ETV	2,476.97	0.00	2,476.97	0.00	2,476.97	0.00	As per CERC Tariff Regulations 2018, the Loan ETV is directly billed to the beneficiaries. Accordingly, the same has been kept under exclusion.
2	Capital overhaul	1,995.16	-1,995.16	0.00	0.00	0.00	0.00	As per IND-AS Adjustments, Hence kept under exclusion.
3	Deprec of capital overhaul	-2,296.93	2,296.93	0.00	0.00	0.00	0.00	As per IND-AS Adjustments, Hence kept under exclusion.
4	Capital Spares capitalisation	2,317.09	0.00	2,317.09	27.99	2,289.10	0.00	Capital Spares capitalisation beyond allowable limit.
5	Deprec of spares (not part of capital cost)	-36.34	0.00	-36.34	0.00	-36.34	0.00	Refer Form-I
	Total Exclusion Claimed	3,396.85	2,301.83	6,158.02	27.99	6,750.04	0.00	

[Petitioner]

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NTPC Ltd
Name of the Generating Station : Masinda STPS Stage-I
COD : 30.03.2014
For financial year : 2023-24

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion						Justification
		Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per IAS/AS	Undischarged liability included in col. 3	Cash basis	IOC Included in col. 3	
(1)	(2)	(3)	(4)	(5) = 3-4	(6)	(7) = (5-6)	(8)	
1	Loan ETV	29.71	0.00	29.71	0.00	19.71	0.00	As per CERC Tariff Regulations 2019, the Loan ETV is directly billed to the beneficiaries. Accordingly, the same has been kept under exclusion.
2	Capital Overhaul	20.80	00.80	0.00	0.00	0.00	0.00	As per IRO-GE Adjustments, same kept under exclusion.
3	Capital Spares capitalization	1,437.76	0.00	1,437.76	267.38	1,270.38	0.00	Capital Spares capitalization beyond allowable limit.
4	Debit of stores (not part of capital cost)	-91.87	0.00	-91.87	0.00	-91.87	0.00	Refer Form-I
5	Inter Unit Transfer							
	Capital Spare: To VSTPS	-17.38	0.00	-17.38	0.00	-17.38	0.00	These interunit transfers are of temporary nature and not allowed by Hon'ble Commission for the purpose of tariff. Hence, the same has been kept under exclusion.
	Capital Spare: To Spas	-47.40	0.00	-47.40	0.00	-47.40	0.00	
	Sub-total: Inter Unit Transfer	-64.78	0.00	-64.78	0.00	-64.78	0.00	
	Total Exclusion Claimed	1,321.62	-09.80	1,300.82	187.38	1,113.43	0.00	

(Petitioner)

Year-wise statement of Additional Capitalization (insured & uninsured) after CIG

Name of the Petitioner: WPC Ltd
 Name of the Generating Station: Muzir-4
 CIG: 10.00.2014
 For Financial Year: 2023-24

Sl. No.	Area of Work / Equipment	ACE Claimed (Actual for 2023-24)					Cash paid C=(B-A)	ACC included in col. 3 E	Justification F
		Actual Amount per Note 2 B	Ins. Acc. Amt. A	Amount based on per ISAP D = ECA	Un-Discharged Liability K	Insured Amount C = ECA			
A	Add Cap claimed								
1	Main Plant & Offshore works	578,833	0.00	578,833	7,138	571,695	58,841		
2	Turbine Generator	121,152	0.00	121,152	0.00	121,152	12,244		
3	Air Conditioning & Ventilation	30,233	0.00	30,233	0.00	30,233	7,290		
4	Station EA	24,781	0.00	24,781	0.00	24,781	4,213		
5	Fire Detection & Protection System	27,111	0.00	27,111	0.00	27,111	21,147		
6	Gas handling Plant	11,279	0.00	11,279	0.00	11,279	1,980		
7	Flare treatment Plant	11,424	0.00	11,424	10,840	584	1,712		
8	Oil Spill Response Package	40,291	0.00	40,291	0.00	40,291	0.00		
9	IS	470,817	0.00	470,817	0.00	470,817	2,000	As per Form 8	
10	Automatic Separation Control	38,823	0.00	38,823	44,207	2,421	0.00		
11	Replacement of Conventional fittings with LCC based fittings	311,390	0.00	311,390	1,138	310,252	0.00		
12	Welding	129,738	0.00	129,738	129,738	0.00	1,350		
13	Reversal of 100% Tax credit (limited 50%)	-491,829	0.00	-491,829	-491,829	0.00	0.00		
14	Cost of 100% Reb of Cap cost	-127,963	-40,877	-127,963	0.00	-127,963	0.00		
15	Cost of Capital (Share Part of Cap cost)	-127,403	-127,287	-127,403	0.00	-127,403	0.00		
	Total Add Cap Claimed A	934.28	934.28	934.28	-433.09	299.41	140.79		
B	Exclusions								
1	Cap. Exp.	6227.54	0.00	6227.54	0.00	6227.54	0.00		
2	Reversal of 100% tax credit share	0.00	0.00	0.00	-0.00	0.00	0.00		
3	Capex (Share)	448.80	448.80	0.00	0.00	0.00	0.00	As per Form 4	
4	Cost of Capital (Share)	799.27	799.27	0.00	0.00	0.00	0.00		
5	Capital Share Capitalization	817.01	0.00	817.01	0.00	817.01	0.00		
6	Cost of Share	-13.29	0.00	-13.29	0.00	-13.29	0.00		
7	Cost of Share	-0.61	-0.61	-0.61	0.00	-0.61	0.00		
	Total Exclusion Claimed B	6278.72	1248.68	5029.04	0.00	1248.68	0.00		
	Grand Total A-B	3065.56	2085.60	4305.24	-433.09	947.73	140.79		

Year wise statement of Additional Capitalization (claimed & exclusions) after CDD

Name of the Petitioner : NTPC Ltd
Name of the Generating Station : Mundra I
CDD : 30.09.2014
For Financial Year : 2020-21

Sl. No.	Head of Work / Equipment	ACS Claimed (Actual)						Justification
		Accrued basis as per Rule 2	Not As Aft)	Accrued basis as per IGAAP	Un-discharged liability	Cash basis	IOC included in cap. 3	
1	2	3	5A	5B + 5C+5D	4	5e (5B-4)	6	7
8	Add Cap claimed							
1	Main Plant & Offsite Civil Works	89.03	0.00	89.03	0.00	89.03	21.54	
2	Turbine Generator	80.04	0.00	80.04	80.04	0.00	0.00	
3	Air Conditioning & Ventilation	71.70	0.00	71.70	0.00	71.70	14.15	
4	Factor C&I	10.75	0.00	10.75	0.00	10.75	1.81	
5	Fire Detection & Fighting System	58.30	0.00	58.30	0.00	58.30	13.28	
6	Switchyard	34.06	0.00	34.06	0.00	34.06	7.24	
7	Switchgear	39.71	0.00	39.71	0.00	39.71	8.87	
8	Busbar Frame	25.00	0.00	25.00	0.00	25.00	5.23	
9	Railway Siding	79.82	0.00	79.82	0.00	79.82	18.44	
10	Ash Dyla works	1.00	0.00	1.00	0.00	1.00	0.00	
11	Amortisation Railway Siding Works (Sub Main Road)	222.20	0.00	222.20	0.00	222.20	0.00	As per Form-B
12	Replacement of Conventional strings with IED based strings	25.27	0.00	25.27	0.00	25.27	0.00	
13	IBDCs	41.58	0.00	41.58	0.00	41.58	0.00	
14	Wires BIV	-178.71	0.00	-178.71	-178.71	0.00	0.00	
16	Reverse of liability allowed/ claimed (extra)	-113.27	0.00	-113.27	-113.27	0.00	0.00	
17	Depos of IBDCs- Part of Cap cost	-6.21	-7.21	-13.35	0.00	-14.25	0.00	
18	Depos of Capital Grants- Part of Cap cost	-971.38	-120.34	-492.42	0.00	-492.42	0.00	
	Total Add Cap Claimed A	208.77	-142.59	66.18	-228.95	-187.91	62.81	
8	Exclusions							
1	Loan BIV	-2947.04	0.00	-2947.04	0.00	-2947.04	0.00	
2	Capital Gained	1520.75	-1520.75	0.00	0.00	0.00	0.00	
3	Capital Grants reimbursement	2295.01	0.00	2295.01	1.81	2189.10	0.00	As per Form-B
4	Depos of interest (not part of capital cost)	-8.42	0.00	-8.42	0.00	-8.31	0.00	
	Total Exclusion Claimed B	860.79	-1520.75	-480.86	1.81	-485.24	0.00	
	Grand Total A+B	1248.48	-1663.34	-414.68	-213.43	-178.43	62.81	

Year-wise Statement of Additional Capitalization (Claims & Exclosures) after 2008

Name of the Collector : NTPC Ltd.
 Name of the Generating Station : Mahabaleshwar
 (DD) : 18.08.2008
 For Financial Year : 2008-09

Sl. No.	Year of Work / Equipment	A/C Claimed (₹ lakhs)						Justification	
		Actual bills as per NTPC	Inv as per	Actual bills as per GDA	Inv-Exclosure Limits	Cash bills	ROC included in Vol. 2		
1	2	3	4	5 (6 + 7 + 8)	9	10 (11+12)	11	12	
A	ADD Exp claimed								
1	Grid/Load	-4.23	0.00	-4.23	0.00	-4.23	0.00		
2	Auto Take Raising	795.35	0.00	795.35	0.00	795.35	168.41		
3	Automatic Relocation Control	33.88	0.00	33.88	0.00	33.88	0.00		
4	GIS	-212.46	0.00	-212.46	0.00	-212.46	-17.88		
5	MSDAR	32.37	0.00	32.37	0.00	32.37	0.00		
6	Work BBL	-11.85	0.00	-11.85	-11.85	0.00	0.00	As per Form 9	
7	Work NPT charged to PSL	0.00	-12.54	-12.54	0.00	-12.54	0.00		
8	Reversal of (action /Growth/ Demand Term)	-114.79	0.00	-114.79	-114.79	0.00	0.00		
9	Debit of MACH Part of Cap cost	-4.23	-64.83	-69.06	0.00	-69.06	0.00		
10	Debit of Demand Term Part of Cap cost	-508.00	-119.18	-627.17	0.00	-627.17	0.00		
	Total Add Cap Claimed A	229.77	-473.43	243.34	-126.85	116.56	168.41		
B	Exclosures								
1	Cost B/L	1234.44	0.00	1234.44	0.00	1234.44	0.00		
2	Contractors NPT (incl claims/ Depreciated assets)	-12.34	0.00	-12.34	-12.34	0.00	0.00		
3	Capital Claimed	2028.83	-1028.83	0.00	0.00	0.00	0.00	Justification given in Form 9	
4	Debit of Capital Expend	-833.27	-833.27	0.00	0.00	0.00	0.00		
5	Capital Reserve/Depreciation	1028.43	0.00	1028.43	-833.68	192.74	0.00		
6	Debit of spare part cost of capital cost	-18.23	0.00	-18.23	0.00	-18.23	0.00		
	Total Exclosure Claimed B	4028.20	-1028.83	3000.47	-833.68	2546.74	0.00		
	Grand Total A+B	6326.97	-1502.26	4824.71	-960.53	3703.48	168.41		

Year-wise statement of Additional Capitalization (Clause 8 & section 10) after COO

Name of the Petitioner: WPC Ltd
 Name of the Assessing Officer: Mumbai
 COO: 30.09.2014
 FY/ Financial Year: 2012-13

Sl. No.	Area of Work / Equipment	A/C Debit (Actual)						Justification
		Accrual (with as per Note 2)	HT AS AS)	Accrual basis as per ISGAAP	W/ Discharged Liability	Cost basis	ISC included in col- 2	
1	2	3	4	5 = 4+5	6	7 = (3+6)	8	9
A	Asset Dep. charged							
1	Fire Protection & Fighting System	38.79	0.00	38.79	0.00	38.79	0.00	As per Form 8
2	Storm Water	3.44	0.00	3.44	0.00	3.44	0.00	
3	CCP	3.24	0.00	3.24	0.00	3.24	0.00	
4	MSDP	24.79	0.00	24.79	0.00	24.79	0.00	
5	AC Gas ETS	12.79	0.00	12.79	12.72	0.00	0.00	
6	Waste TFC/Plugged to TFC	0.00	125.53	125.53	0.00	125.53	0.00	
7	Reversal of liability (closed/ Annual Spent)	-0.86	0.00	-0.86	-0.86	0.00	0.00	
8	Debit of MSDP Part of Capital	-31.87	-38.53	-31.87	0.00	-31.87	0.00	
9	Debit of Capital base Part of Tax cost	-149.89	-149.70	-149.89	0.00	-149.89	0.00	
	Total Asset Dep. charged A	-121.69	177.80	-149.89	0.00	-149.89	0.00	
B	Reserves							
1	Short ETS	2476.87	0.00	2476.87	0.00	2476.87	0.00	As per Form 8
2	Capital One Year	1338.38	-1338.38	0.00	0.00	0.00	0.00	
3	Debit of Capital One Year	-1338.38	-1338.38	0.00	0.00	0.00	0.00	
4	Capital Spent Capitalization	2317.89	0.00	2317.89	21.88	2339.77	0.00	
5	Debit of reserve (net amt of capital cost)	-88.34	0.00	-88.34	0.00	-88.34	0.00	
	Total Reserve Capital B	1388.52	-1338.38	478.62	21.88	478.94	0.00	
	Grand Total A+B	1176.84	180.22	431.22	21.88	423.27	0.00	

Year wise statement of Additional Capitalization (Section 8A sections) after CDD

Name of the Position : ATPO MB
 Name of the Generating Station : Nandurbar
 CDD : 10.01.2014
 FY/ Financial Year : 2013-14

Sl. No.	Name of Work / Equipment	4C3 Capital (Actual)						Justification	
		Actual cost as per Item 1	Net 85.45%	Actual cost as per 100AF	Un-discharged Liability	Cost 85%	85C included in cost		
1	2	3	4	5	6	7	8		
4	Add Capex amount								
1	Fire Detection & Fighting System	1.87	0.00	1.87	0.00	1.87	0.00	As per Form-B	
2	Net Data Room	858.13	0.00	858.13	0.00	858.13	0.00		
3	Meeting room	14.24	0.00	14.24	0.00	14.24	0.00		
4	WFI Installation	918.21	0.00	918.21	0.00	918.21	0.00		
5	Process Water Ingress Kit for unit cooling through SWI	148.99	0.00	148.99	13.17	137.40	0.00		
6	2x2 110 kVA Thermal Recovery Diesel Gen	831.79	0.00	831.79	289.24	588.08	0.00		
7	MSDC	149.81	0.00	149.81	3.78	147.09	0.00		
8	Trans SPV	43.87	0.00	43.87	48.87	0.00	0.00		
9	Workshop charges to T&E	0.29	-11.42	-11.42	0.00	-11.42	0.00		
10	Costs of WFOH Part of CDD cost	-14.42	-8.71	-8.71	0.00	-14.42	0.00		
11	Costs of Control Room Part of CDD cost	-140.33	-21.43	-87.89	0.00	-87.89	0.00		
	Total Add Cap Capital A	2348.57	210.81	2397.38	344.72	2042.04	0.00		
8	Exclusions								
1	100% EPC	18.71	0.00	18.71	0.00	18.71	0.00		As per Form-B
2	Control Room	63.80	-63.80	0.00	0.00	0.00	0.00		
3	Control Room Installation	1437.75	0.00	1437.75	147.38	1279.99	0.00		
4	Costs of items not part of capital cost	48.87	0.00	48.87	0.00	48.87	0.00		
9	100% EPC Charge	44.78	0.00	44.78	0.00	44.78	0.00		
	Total Exclusion Capital B	1613.92	-20.80	1598.81	147.38	1431.43	0.00		
	Grand Total A+B	7962.49	189.81	8456.37	492.10	7764.28	0.00		

ANNEXURE-IA

Sub: Reconciliation of Additional Capitalization with Audited Balance Sheet for the year 2019-20: Manda SIPS

Summary of Gross Block reconciliation (2019-20)

Sr. No.	Particular	Stage-I	Stage-II	Combustion Modification St-I/II	Amount in Rs
					TOTAL GROSS BLOCK
1	Closing Gross Block as per Audited Balance Sheet 31.03.2020 (Ind-AS)	65,62,93,53,231	77,00,12,61,656	-	1,42,63,06,14,887
2	Opening Gross Block as per Audited Balance Sheet 01.04.2019 (Ind-AS)	64,62,48,12,002	72,84,02,41,632	-	1,37,46,50,53,634
3	Addition During the Year (1-2) (Ind-AS)	1,00,43,41,229	4,16,10,29,025	-	5,16,53,61,253
4	Ind-AS Adjustment	-2,16,25,997	-28,63,49,392	-	-31,04,75,391
5	Addition During the Year (3-4) (GGAAP)	98,06,15,231	3,87,44,70,611	-	4,85,50,85,843

ANNEXURE-IA

Sub: Reconciliation of Additional Capitalization with Audited Balance Sheet for the year 2020-21: Manda SIPS

Summary of Gross Block reconciliation (2020-21)

					Amount in Rs
Sr. No.	Particular	Stage-I	Stage-II	Combustion Modification St-I/II	TOTAL GROSS BLOCK
1	Closing Gross Block as per Audited Balance Sheet 31.03.2021 (Ind-AS)	63,73,62,99,346	78,49,33,15,819	7,29,13,387	1,44,30,25,29,753
2	Opening Gross Block as per Audited Balance Sheet 01.04.2020 (Ind-AS)	63,62,91,53,231	77,00,12,61,656	-	1,42,63,06,14,887
3	Addition During the Year (1-2) (Ind-AS)	10,69,46,315	1,49,20,34,163	7,29,13,387	1,67,19,13,865
4	Ind-AS Adjustment	-16,63,33,913	23,11,462	-	-16,40,22,453
5	Addition During the Year (3-4) (GGAAP)	5,93,87,600	1,49,43,65,624	7,29,13,387	1,50,78,91,412

ANNEXURE-IA

Sub: Reconciliation of Additional Capitalization with Audited Balance Sheet for the year 2021-22: Manda SIPS

Summary of Gross Block reconciliation (2021-22)

Sr. No.	Particular	Stage-I	Stage-II	Combustion Modification St-I/II	Amount in Rs
					TOTAL GROSS BLOCK
1	Closing Gross Block as per Audited Balance Sheet 31.03.2022 (Ind-AS)	66,34,12,27,321	80,18,93,18,266	15,19,56,860	1,46,68,23,02,446
2	Opening Gross Block as per Audited Balance Sheet 01.04.2021 (Ind-AS)	65,73,62,99,546	78,49,33,15,819	7,29,13,387	1,44,30,25,28,753
3	Addition During the Year (1-2) (Ind-AS)	60,49,27,774	1,69,60,02,447	7,90,43,472	2,37,99,73,693
4	Ind-AS Adjustment	-13,77,46,803	-3,70,90,125	-	-17,48,36,928
5	Addition During the Year (3-4) (GGAAP)	46,71,80,971	1,65,89,12,322	7,90,43,472	2,20,31,36,765

ANNEXURE-IA

Sub: Reconciliation of Additional Capitalization with Audited Balance Sheet for the year 2022-23: Manda SIPS

Summary of Gross Block reconciliation (2022-23)

					Amount in Rs
Sr. No.	Particular	Stage-I	Stage-II	Combustion Modification St-I/II	TOTAL GROSS BLOCK
1	Closing Gross Block as per Audited Balance Sheet 31.03.2023 (Ind-AS)	66,59,32,43,433	82,49,69,64,980	15,76,96,324	1,49,24,79,04,936
2	Opening Gross Block as per Audited Balance Sheet 01.04.2022 (Ind-AS)	66,27,56,79,331	80,25,48,66,256	15,15,56,860	1,46,88,25,02,446
3	Addition During the Year (1-2) (Ind-AS)	31,73,64,102	2,24,20,98,724	57,39,664	2,36,34,02,490
4	Ind-AS Adjustment	11,83,58,812	2,28,36,051	-	14,11,95,784
5	Addition During the Year (3+4) (GGAAP)	43,59,22,914	2,26,49,35,676	57,39,664	2,70,65,98,274

ANNEXURE-IA

Sub: Reconciliation of Additional Capitalization with Audited Balance Sheet for the year 2023-24: Manda SIPS

Summary of Gross Block reconciliation (2023-24)

					Amount in Rs
Sr. No.	Particular	Stage-I	Stage-II	Combustion Modification St-I/II	TOTAL GROSS BLOCK
1	Closing Gross Block as per Audited Balance Sheet 31.03.2024 (Ind-AS)	66,93,00,61,616	83,32,92,12,591	15,76,96,324	1,50,41,69,70,731
2	Opening Gross Block as per Audited Balance Sheet 01.04.2023 (Ind-AS)	66,59,32,43,433	82,49,69,64,980	15,76,96,324	1,49,24,79,04,936
3	Addition During the Year (1-2) (Ind-AS)	33,68,18,184	83,22,47,611	-	1,16,90,65,794
4	Ind-AS Adjustment	-2,50,80,750	-17,94,31,459	-	-20,54,12,209
5	Addition During the Year (3-4) (GGAAP)	31,08,37,434	65,28,16,151	-	96,36,53,585

Statement of Capital Cost

Name of the Filer: SPTC Ltd
 Name of the Operating Station: Montreal
 CCR: 2012-2014

Sl. No.	Particulars	Amount in \$ (000)																
		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26			
		Actual Cost	Undepreciated Capital Cost	Dep. Recd.	Actual Cost	Undepreciated Capital Cost	Dep. Recd.	Actual Cost	Undepreciated Capital Cost	Dep. Recd.	Actual Cost	Undepreciated Capital Cost	Dep. Recd.	Actual Cost	Undepreciated Capital Cost	Dep. Recd.		
A	A Opening Gross Book Amount as per books	4,86,51,86	33,89,73	4,52,62,13	7,29,31,11	4,86,51,86	4,86,51,86	7,29,31,11	4,86,51,86	4,86,51,86	7,29,31,11	4,86,51,86	4,86,51,86	7,29,31,11	4,86,51,86	4,86,51,86	7,29,31,11	
	B Amount of CCR in CCR books	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	
	C Amount of PCH in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D Amount of TRP in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	E Amount of Hedging Cost in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F Amount of RCR in CCR books	26,51,31	0	26,51,31	26,51,31	0	26,51,31	26,51,31	0	26,51,31	26,51,31	0	26,51,31	26,51,31	0	26,51,31	26,51,31	0	
B	B Addition in Gross Book Amount during the year (Net of Disposal)	4,31,11	0	4,31,11	0	4,31,11	0	4,31,11	0	4,31,11	0	4,31,11	0	4,31,11	0	4,31,11	0	
	B Amount of CCR in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	C Amount of PCH in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D Amount of TRP in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	E Amount of Hedging Cost in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
F Amount of RCR in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	C Addition in Gross Book Amount during the year (Transfered from CCR)	1,42,71	0	1,42,71	0	1,42,71	0	1,42,71	0	1,42,71	0	1,42,71	0	1,42,71	0	1,42,71	0	
	C Amount of CCR in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D Amount of PCH in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	E Amount of TRP in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Amount of Hedging Cost in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	D Addition in Gross Book Amount during the year	87,11	0	87,11	0	87,11	0	87,11	0	87,11	0	87,11	0	87,11	0	87,11	0	
	D Amount of CCR in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	E Amount of PCH in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	F Amount of TRP in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	G Amount of Hedging Cost in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H Amount of RCR in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	E Opening Gross Book Amount as per books	7,04,11,11	4,86,51,86	2,17,59,25	5,08,71,11	4,86,51,86	4,86,51,86	5,08,71,11	4,86,51,86	4,86,51,86	5,08,71,11	4,86,51,86	4,86,51,86	5,08,71,11	4,86,51,86	4,86,51,86	5,08,71,11	
	B Amount of CCR in CCR books	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	0	77,14,82	77,14,82	
	C Amount of PCH in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D Amount of TRP in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	E Amount of Hedging Cost in CCR books	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
F Amount of RCR in CCR books	44,11,11	0	44,11,11	44,11,11	0	44,11,11	44,11,11	0	44,11,11	44,11,11	0	44,11,11	44,11,11	0	44,11,11	44,11,11	0	

Statement of Cash Flows (in \$ millions)

Years ended December 31, 2015 and

2014

2013-2012

Line	Description	2015			2014			2013			2012			2011		
		Actual Cash	Un-Exchanged Liability	Cash Flow	Actual Cash	Un-Exchanged Liability	Cash Flow	Actual Cash	Un-Exchanged Liability	Cash Flow	Actual Cash	Un-Exchanged Liability	Cash Flow	Actual Cash	Un-Exchanged Liability	Cash Flow
A	A. Change in cash equivalents	4,100.00	680.77	3,419.23	6,111.63	910.72	5,200.91	1,384.08	1,227.24	264.30	520.31	1,213.79	620.77	300.23	320.56	
	B. Amount of cash in the period	374.00	-	374.00	689.31	-	689.31	342.00	-	342.00	529.99	-	529.99	121.59	-	
	C. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	D. Amount of cash at the beginning of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	E. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B	B. Change in cash equivalents	453.40	71.00	382.40	780.75	811.00	80.00	242.00	277.00	281.40	309.50	218.07	227.00	110.07	208.93	
	C. Amount of cash in the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	D. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	E. Amount of cash at the beginning of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	F. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C	C. Change in cash equivalents	1,842.21	44.11	1,798.10	2,078.02	2.80	2,075.22	1,204.24	1,204.24	440.00	440.00	440.00	300.00	300.00		
	D. Amount of cash in the period	240.79	-	240.79	42.00	-	42.00	100.00	-	100.00	100.00	-	100.00	-		
	E. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	F. Amount of cash at the beginning of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	G. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
D	D. Change in cash equivalents	3,112.00	340.79	2,771.21	3,856.39	3,089.80	766.59	810.00	1,114.00	820.00	820.00	820.00	300.00	300.00		
	E. Amount of cash in the period	480.00	-	480.00	840.00	-	840.00	100.00	-	100.00	100.00	-	100.00	-		
	F. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	G. Amount of cash at the beginning of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	H. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
E	E. Change in cash equivalents	3,112.00	340.79	2,771.21	3,856.39	3,089.80	766.59	810.00	1,114.00	820.00	820.00	820.00	300.00	300.00		
	F. Amount of cash in the period	480.00	-	480.00	840.00	-	840.00	100.00	-	100.00	100.00	-	100.00	-		
	G. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	H. Amount of cash at the beginning of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		
	I. Amount of cash at the end of the period	-	-	-	-	-	-	-	-	-	-	-	-	-		

Calculation of Interest on Normative Loan

Name of the Company :		NTPC Limited					
Name of the Power Station :		Manda-I					
		(Amount in Rs Lakh)					
S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Gross Normative loan - Opening	4,65,089.65	4,66,283.35	4,66,686.11	4,67,783.42	4,69,113.37	4,68,944.93
2	Cumulative repayment of Normative loan up to previous year	1,45,607.55	1,79,267.07	2,12,822.75	2,46,528.02	2,80,349.27	3,14,092.67
3	Net Normative loan - Opening	3,19,482.10	2,87,016.26	2,53,863.38	2,21,257.40	1,88,764.10	1,54,852.28
4	Add: Increase due to addition during the year / period	1193.68	445.32	551.08	1,038.04	116.57	1,487.46
5	Less: Decrease due to de-capitalisation during the year / period	0.00	626.91	349.80	261.11	401.24	357.47
6	Less: Decrease due to reversal during the year / period						
7	Add: Increase due to discharges during the year / period	0.00	584.36	898.04	551.02	116.25	2062.13
8a	Repayment during the year	33795.83	33,827.54	33,887.45	33,966.98	34,014.42	34,128.04
8b	Repayment adj on account of Decap	156.31	271.88	182.16	145.73	271.02	236.23
9	Less: Net Repayment of Loan	33639.52	33555.66	33705.29	33821.25	33743.40	33891.81
10	Net Normative loan - Closing	2,87,016.26	2,53,863.38	2,21,257.40	1,88,764.10	1,54,852.28	1,24,112.59
11	Average Normative loan	3,03,249.18	2,70,439.82	2,37,960.39	2,03,010.75	1,71,808.19	1,39,482.44
12	Weighted average rate of interest	7.814	7.676	7.131	6.988	7.299	7.672
13	Interest on Loan	23694.68	20759.59	16940.21	14326.51	12540.52	10700.89

(Petitioner)

Name of Petitioner: NTPC Ltd
Name of Station: Manisa-I

Computation of Energy Charges

Parameter	Unit	2019-20	2020-21	2021-22	2022-23	2023-24
No of Days in the year	Days	366.00	365.00	365.00	367.00	366.00
Sp. Oil consumption	m ³ /Wh	0.50	0.50	0.50	0.50	0.50
Auxiliary consumption	%	6.25	6.25	6.25	6.25	6.25
Heat Rate	kCal/kWh	2358.84	2358.84	2358.84	2358.84	2358.84
Capacity	MW	1000.00	1000.00	1000.00	1000.00	1000.00
Coal & Oil Parameters						
Wtd. Avg. Price of Coal	Rs./MT	4260.41	4884.27	3680.44	4400.88	5280.72
Wtd. Avg. GCV of Coal as received	kCal/kg	3753.00	3834.35	3448.00	3188.51	5286.53
Wtd. Avg. GCV of Coal as received after adj of 85 kcal/kg	kCal/kg	3668.00	3749.33	3361.00	3101.33	5301.33
Wtd. Avg. Price of Secondary Fuel	Rs./KL	52877.98	51165.21	49076.45	38352.09	6490.63
Wtd. Avg. GCV of Secondary Fuel	kCal/L	9578.67	9461.33	9189.53	9427.67	9447.00
Computation of Variable Charges						
Heat Contribution from SFO- Alternate Fuel	kCal/kWh	4.79	4.73	4.79	4.71	4.72
Heat Contribution from coal	kCal/kWh	2,354.05	2,354.11	2,354.05	2,354.13	2,354.12
Specific Primary Fuel Consumption	kg/kWh	0.642	0.628	0.730	0.759	0.713
Variable Charge (Coal)	paise/kWh	293.853	311.717	274.963	356.927	400.140
Variable Charge (Oil)	paise/kWh	2.809	2.729	2.617	3.313	4.080
Total Variable Charge	paise/kWh	294.462	318.446	277.581	359.440	404.220
Computation of Fuel Expenses for Calculation of IDWC:						
BSO in a year	(D.B.)	6999.75	6980.83	6980.63	6980.63	6999.75
BSO for 50 days	(D.B.)	958.250	958.250	958.250	958.250	958.250
BSO for 45 days	(D.B.)	860.825	860.825	860.825	860.825	860.825
Cost of coal for 50 Days	(Rs. Lakh)	27869.306	29999.203	26293.368	34073.807	38283.433
Cost of oil for 2 months	(Rs. Lakh)	327.78	317.48	304.32	362.07	475.90
Energy Expenses for 45 days	(Rs. Lakh)	33343.17	37234.13	33888.29	39544.36	44798.18

PETITIONER

Calculation of Interest on Working Capital

Name of the Company : NTPC Limited

Name of the Power Station : Mauda-I

(Amount in Rs Lakh)

S. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Cost of Coal/Lignite	34,763.19	27889.31	29999.20	26293.37	34073.81	38263.43
2	Cost of Main Secondary Fuel Oil	441.67	327.76	317.48	304.52	362.07	475.92
3	Fuel Cost						
4	Liquid Fuel Stock						
5	O & M Expenses	1,824.98	2203.39	2214.23	2304.84	2437.36	2591.74
6	Maintenance Spares	4,379.94	5288.13	5314.16	5531.61	5849.66	6220.18
7	Receivables	57,649.51	41008.22	42477.46	38800.25	46033.62	50172.61
8	Total Working Capital	99059.29	76716.81	80322.53	73234.58	88756.52	97723.89
9	Rate of Interest	13.5000	12.0500	11.2500	10.5000	10.5000	12.0000
10	Interest on Working Capital	13373.00	9244.38	9036.28	7689.63	9319.43	11726.87

Petitioner

Statement of Liability Flow

Name of the Contractor: WTC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in settlement liquidation for 2023-24	Contractors 20% retention	Discharge during the year 2023-24		Total Discharge	Undisbursed liabilities as on 31.03.2024
							By payment	By mutual		
1										
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Statement of Liability Flow

Name of the Facility: WTPC Under
Name of the Generating Station: Maitani

Sl. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in schedule capitalization for 2024-25	Contractors 20% retention	Discharge during the year 2024-25		Total Discharge	Undisbursed liabilities as on 31.03.2024
							By payment	By reversal		
27	SAHODARAN ENGINEERING INDUSTRIES	STRENGTHENING OF SUB STRUCTURE FOUNDATION FOR PRE-ENGINEERED PORTABLE ACCOMMODATION	2017-18	75,320					0	75,320
28	M/S JOTHEE INTERNATIONAL PVT LTD	Fire Detection and Protection System Package	2017-18, 2019-20	2,51,54,870		1,01,820	25,54,707	10,56,707		2,40,98,163
29	ONE FACILITY SERVICES INDIA	HAULING OF SERVICES OF TWO CRANES FOR A PERIOD OF ONE YEAR FROM	2017-18	1,800					0	1,800
30	PROJECT AUTHORITY INDIA WPC	Land	2015-18	14,39,91,294			1,80,000	1,80,000	1,80,000	12,59,91,294
31	SAHODARAN ENGINEERING INDIA	Laying of water in full station & some house area	2017-18	3,100			3,200	3,200	0	0
32	JAIN & YOUNG LTD	IT Hardware and IT Support	2017-18	81,284					0	81,284
33	SPA WIPA ENGINEERING LIMITED	Work Part & OP-2a int Package	2017-18, 2020-21, 2022-24	14,81,70,300			21,24,107	14,81,590		12,34,42,713
34	SPA WIPA ENGINEERING LIMITED	Work Part & OP-2a int Package	2019-18	3,38,41,881				0	0	3,38,41,881
35	NATIONAL BUILDING CONSTRUCTION	Coating Towers	2018-18	1,284				0	0	1,284
36	SHRI SRI HARIDASARAO AND ASSOCIATES	DEVELOPMENT OF LAWN & GARDEN WORK IN PLANT AREA OF STAGE-1 WPC WIPDA	2018-19	4,68,758			42,340	42,340		4,26,418
37	Shree Raju	CONSTRUCTION OF COLLECTION, DISTRIBUTION, RETURN VALVE ROOMS	2019-18	18,21,480				0	0	18,21,480
38	Apar Engineering & Contractors	Construction of Sewerage network in plant area of Stage-1 for House EPP	2017-18	12,74,871				0	0	12,74,871
39	UNITED ROSSARI CIVIL CONSTRUCTION	Construction of Filter Race and Approaches to Substation and DRY W	2017-18	24,92,096			24,92,096	24,92,096	0	0
40	HRMA CONSTRUCTION	Excavation, work in Stage 1 Sewerage Pipe	2019-18	28,18,179			28,17,126	28,17,126	24,66,177	3,51,999
41	HRMA CONSTRUCTION	Watermain work in temporary area for House EPP	2017-18	24,000			24,000	24,000	0	0
42	SHRI SRI HARIDASARAO AND ASSOCIATES	Plant Relocating work in 10 area	2017-18	1,900				0	0	1,900
43	SHRI SRI HARIDASARAO AND ASSOCIATES	WV Scaffolding	2017-18	30,771				0	0	30,771
44	SHREERAM FACTORY PVT LTD	Payment for P/C for CONSTRUCTION OF CIVIL QUARTERS- 7 (WIPDA) (in progress)	2011-12	2,04,828				0	0	2,04,828
45	SHREERAM FACTORY PVT LTD	Payment for P/C for Construction of 8 Type Quarters of Borewell 200 Quarters including internal Sanitation P/C No. 300000008 of 01.08.2016	2017-17	68,920				0	0	68,920
46	SPSCL LTD	P/C for for P/O, O&E and Augmentation of Drainage station for Sewerage sewage	2017-18	68,89,870			68,17,200	68,17,200	68,17,200	68,17,670
47	SRB LIMITED	Water Treatment Plant	2017-18	2,07,120				0	0	2,07,120
48	INDOANALABAY ENGINEERING CO. PVT. SEWER CONSTRUCTION LTD	Wt Treatment Plant Package	2017-18, 2019-20	2,71,21,807	15,84,207			0	0	2,87,06,014
49	PROCESSIONARY OF WIPDA	Procurement of materials	2017-18	14,000				0	0	14,000
50	SPSCL LTD	Removal of old, Construction	2017-18	14,54,78,800				0	0	14,54,78,800
51	SHRI SRI HARIDASARAO AND ASSOCIATES	Removal of scaffolding from "Gardner" Tower of WIPDA	2017-18	18,000				0	0	18,000
52	JAIN & YOUNG LTD	Removal of cables and of temporary sets in SHRT plant, P/O, P/O, P/O, P/O, AC/OP, Coating Tower etc. also for WIPDA plant up to & substation	2017-18	34,500				0	0	34,500
53	PAUL RUD	MS Tank for the	2017-18	4,407				0	0	4,407

Statement of Utility Flow

Name of the Facility: WPC Under
Name of the Generating Station: Milled

Sr. No.	Party Name	Name of the work	Year of creation of liability	Underweight liabilities as on 31.03.2018	Liability in absolute digitization for 2018-19	Contractors due payment	Discharge during the year 2018-19		Total Discharge	Underweight liabilities as on 31.03.2018
							By payment	By release		
31	SHARIT HEAVY ELECTRICALS LTD	IS	2017-18, 2018-19	18,11,74,850		1,92,00,000	1,92,00,000	1,92,00,000	16,19,74,850	
32	ECM KUMAR SINGH	Supply of heavy items from Dasha Nandan Dahanu to WPC in part	2017-18	18,111				0	18,111	
33	TECH INFRASTRUCTURE LTD	WTS UNDEGROUND & INFRASTRUCTURE WORKS	2017-18	1,26,43,709				0	1,26,43,709	
34	WINDRIDE INDIA PVT. LTD	STATION DE RACKING	2017-18, 2019-20	1,79,82,798			1,28,58,824	1,28,58,824	49,23,974	
35	UNITECH MACHINES LTD	Station Piling	2017-18	1,77,25,233				0	1,77,25,233	
36	KAJESB ELECTRICALS PVT LTD	Supply of 20 mtrs high lighting mast for towers WPC (20 nos.)	2017-18	8,68,898				0	8,68,898	
37	IOC POWER TECHNOLOGIES PVT LTD	SUPPLY OF INSULATED WIRE & CABLES, DUCT AND UNDERGROUND WIRE (UGWA)	2017-18	18,881			18,881	18,881	0	
38	ABELECT LTD	Station cable storage	2017-18	1,23,63,000			1,23,63,000	1,23,63,000	0	
39	SHARIT HEAVY ELECTRICALS LTD	IS	2017-18, 2018-19	1,28,98,888		1,00,00,000	8,89,120	8,89,120	1,20,09,768	
40	ABELECT	Generator Station Storage	2017-18	54,40,540			54,40,540	54,40,540	0	
41	WINDRIDE INDIA PVT LTD	DESIGN, SUPPLY, ERECTION, TESTING & COMMISSIONING & TESTING OF A.C. UNDERGROUND WINDERS	2017-18	1,54,000				0	1,54,000	
42	SCORP & SONS WFS CO LTD	Procurement of Furnace for ET Tower & 3rd Floor	2017-18	1,82,400			76,388	76,388	1,06,012	
43	DEALINDIA PVT LTD	Procurement of cables (27 nos)	2017-18	1,21,873			1,21,873	1,21,873	0	
44	KT INDUSTRIES	Procurement and Piling of Taper Casing in WPC Generator building & other adjacent to Project Office	2017-18	10,000				0	10,000	
45	ECM KUMAR SINGH	Supply of WPC at Dahanu / Piling of WTS and 5th floor	2017-18	1,84,888			1,84,888	1,84,888	0	
46	COPTING TECHNOLOGIES PVT	Supply of Photo-voltaic Paneling, Mounting, Cables, Inverter, Breaker & all related to WPC Module 2700	2017-18	58,500				0	58,500	
47	CONSTRUCTION	INTERNAL ELECTRIFICATION OF 300000W	2017-18	26,380				0	26,380	
48	KAJESB CONSTRUCTION	ADDITIONAL DEVELOPMENT WORK IN CABLE AREA AT WPC WINDERS	2017-18	80,888			18,888	18,888	62,000	
49	Shiva Steel	Supply of	2017-18	4,09,800			1,09,800	1,09,800	2,99,999	
50	Shiva Steel	CONSTRUCTION OF AIR COND. RACK PLANT AT WPC WINDERS	2017-18	13,99,140			14,400	14,400	12,54,740	
51	KAJESB CONSTRUCTION PVT LTD	Procurement of Transformers and Right Terminals	2017-18	8,500			8,500	8,500	0	
52	KAJESB	Removal of 4th floor from Unit 1 & Unit 2 at ET Tower	2017-18	11,700				0	11,700	
53	WETRECHNOLOGIES IN LIMITED	ACCELERATED INSPECTION SERVICES FOR SOLAR INVERTERS IN PHOTOVOLTAIC UNIT 2 WPC WINDERS (27000 WATT PER 2700)	2017-18	2,350			2,350	2,350	0	
54	UPULI FOUNDATION LTD	ASSIGNMENT ORDER FOR FABRICATION AND ERECTION OF STEEL STRUCTURE AND STAY	2017-18	1,440				0	1,440	
55	KAJESB CONSTRUCTION	Demolition of Transformer Piling works done during 2016. Piling Test, Light Cur and Installation etc.	2017-18	11,000				0	11,000	
56	KAJESB CONSTRUCTION	Transformer support piling work in WPC & WINDERS (4x4x2700)	2017-18	17,188				0	17,188	
57	KAJESB CONSTRUCTION	Demolition of High-Temp. boiler frames, feeding machine, lifting gear & Truss and other (Pila No. 20000)	2017-18	4,371				0	4,371	
58	WETRECHNOLOGIES IN LIMITED	PROCUREMENT OF WETTING MACHINES FOR ELECTRICAL INSULATION PURPOSES	2017-18	1,81,400			1,81,400	1,81,400	0	
59	SHARIT HEAVY ELECTRICALS LTD	Procurement for supply of WPC 2000 WPA (2 nos)	2017-18	4,90,800				0	4,90,800	
60	PERCLARE INDIA PVT LTD	Supply of Heavy Duty Analyser to WPC WINDERS	2017-18	2,78,888			1,78,888	1,78,888	0	

Statement of Liability Flow

Name of the Facility: WTC Under
Name of the Generating Station: Nantux

Sl. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in absolute capitalization for 2024-25	Contractual rate applicable	Discharge during the year 2024-25		Total Discharge	Undisbursed liabilities as on 31.03.2024
							By payment	By reversal		
85	COFFRO TECHNOLOGIES PVT LTD	Supply of HGA (Substructure) Piping for WTC HOUSE 2TFT	2022-23	25,800			25,800	25,800	0	
86	Coona & Bawa VEG CO LLP	Procurement of Furniture for OT Accommodation and Training	2022-23	4,100				0	4,100	
88	SUNIL W TECH ENGINEERS LTD	CONSTRUCTION OF NON-RESIDENTIAL BUILDING (FACILITY) HCL, HYDRABAD	2018-17	28,41,913				0	28,41,913	
87	SUNIL W TECH ENGINEERS LTD	Internal Substation 240KV Ringmain package (near Ringway + 240KV)	2012-13	68,83,797				0	68,83,797	
88	POONJA GROUP PRIVATE LIMITED	Design, Construction, supply, erection, testing & commissioning of	2017-18	49,28,829				0	49,28,829	
89	KAL CONSTRUCTION	CONSTRUCTION OF PAVEMENTED PLANT AREA	2012-13	4,93,300			4,93,300	4,93,300	4,93,300	
90	S THAKUR CONSTRUCTION PVT. LTD	CONSTRUCTION OF 8 BLOCK UNDER 6-TYPE QUARTERS FOR TOWNSHIP AT	2014-15	88,46,400			71,88,800	71,88,800	16,57,600	
91	Provision Technology P.L.Ltd	SUPPLY & INSTALLATION OF 22 MVA 22KV CABLE FOR IN-SECTION	2012-13	10,217			10,217	10,217	0	
92	SHRI S. SONG	HOIST OF LIGHT	19-07-2019	40,300			40,300	40,300	0	
93	SHRI S. SONG	SLACK FOR AND ON 22.5 KA FOR 140000000A	11-09-2019	25,000				0	25,000	
94	SHRI S. SONG ELECTRONIC	PROVISION AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	09-09-2019	10,000				0	10,000	
95	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	40,700				0	40,700	
96	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	28,600				0	28,600	
97	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	17,18,700				0	17,18,700	
98	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	7,11,070				0	7,11,070	
99	S T MANSANA	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	1,000			1,000	1,100	0	
100	S T MANSANA	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	40,000				0	40,000	
101	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	11,08,400			11,08,400	11,08,400	0	
102	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	20,01,010			20,770	20,770	20,01,010	
103	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	1,78,880				0	1,78,880	
104	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	71,400				0	71,400	
105	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	0,000				0	0,000	
106	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	71,400				0	71,400	
107	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	87,500				0	87,500	
108	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	1,87,200				0	1,87,200	
109	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	0,000				0	0,000	
110	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	27,100				0	27,100	
111	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	4,00,000				0	4,00,000	
112	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	1,10,00,000				0	1,10,00,000	
113	SHRI S. SONG ELECTRONIC	WATER PUMP AND HOISTING AND STAKE INSTALLATION OF FIVE 400V AND 70A METER	10-09-2019	0,00,000				0	0,00,000	

Statement of Utility Flow

Name of the Facility: WPC Limited
 Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in absolute capitalisation for 2024-25	Outstanding due against	Discharge during the year 2024-25		Total Discharge	Undisbursed liabilities as on 31.03.2024	
							By payment	By reversal			
124	CH2M HILL	Construction of 66kV Distribution Network for Maitland being	07-08-2019	3,15,124			2,78,240	2,78,240	3,15,124		
125	TERRECONSTRUCTION	Construction of approach road across Maitland Road in Maitland being	21-09-2024	1,13,811				0	1,13,811		
126	WSPCLTD	Defense Source Fee	17-01-2020	1,02,000				0	1,02,000		
127	LIMITED BUSINESS	Construction of Road & HD Cable in Part New Road WPC Maitland	2024-07	1,00,113			1,00,113	88,400	1,00,113	0	
128	LIMITED BUSINESS	Construction of Balance Sheet, Depreciation Data Computer Housing Internal Distribution at Maitland Maitland WPC	2024-07	88,400			88,400	88,400	88,400	0	
129	NEW PARTNER & CONTRIBUTOR	Construction of Physical Store & Network in Maitland	2024-07	1,14,515			1,14,515	1,14,515	1,14,515	0	
130	RAJPUT ACQUISITION	ACQUISITION AT WPC Maitland Maitland	2024-07	1,11,000				0	1,11,000	0	
131	E-Transfer Constructors Pvt Ltd	Construction of Approach Road from Old Type Road to New Type Road at Maitland Maitland	2024-07	1,11,400				0	1,11,400	0	
132	RAJPUT ACQUISITION	INTERNAL WATER SUPPLY FOR Maitland at Maitland WPC	2024-07	2,50,000				0	2,50,000	0	
133	SHREE FOUNDATION	Fronting and Fencing Maitland, Water Cabinet, Goods Shed, Fire Storage	2024-07	80,100			80,100	80,100	80,100	0	
134	A K Enterprises	Construction of 66kV Cable from Old to New Road, A Type, D Type	2024-07	10,000				0	10,000	0	
135	M A BUILDERS	Construction of Pond and Storm Water in Maitland Maitland	2024-07	100			100	100	100	0	
136	RAJPUT ACQUISITION	High Point & Storm Drain Maitland	2024-07-2024-08	2,27,000	1,18,000			0	1,18,000	2,27,000	
137	E-Transfer Constructors Pvt Ltd	Water Piped Out from Maitland WPC, WPC Maitland Maitland	2024-07	44,000				0	44,000	0	
138	E-Transfer Constructors Pvt Ltd	Supply & Installation of 66kV Cable in Maitland Maitland	2024-07	2,000				0	2,000	0	
139	GLOBAL BUSINESS PVT LTD	ROAD SUPPORT FOR Maitland Maitland	2024-07	1,11,000			1,11,000	1,11,000	1,11,000	0	
140	MOOLAKSHI TECHNOLOGIES PVT LTD	Two Transmitters in Maitland from New Road, Cable Housing (Maitland)	2024-08	8,000				0	8,000	0	
141	SHREE FOUNDATION	TURNING OPERATOR UNIT 1	2024-05					0	0	0	
Sub Total (Inward Items) per Order dated 14.03.2024 (14.03/2024) (1.33/2024)					1,07,26,000	17,71,000	1,93,71,000	8,34,00,000	1,94,64,000	12,26,00,000	97,26,21,000
62 Claimed Items											
1	WSPCLTD	Automatic Generation Control	2024-05	0	48,00,000			0	48,00,000	0	
2	WSPCLTD	CVT External Pump	2024-05		1,00,000			0	1,00,000	0	
3	WSPCLTD	Automatic Generation Control	2024-05					0		0	
4	WSPCLTD	Three Core High Voltage for Air Cooling System	2024-05					0		0	
5	WSPCLTD	UNIT 1 200KVTS, 2000 AH CAPACITY BATTERY BANK	2024-05					0		0	
Sub Total (Claimed Items) per Order dated 14.03.2024					0	49,00,000	0	0	0	49,00,000	0
63 Disallowed Items/ Items Not Claimed											
1	WSPCLTD	Control Panel	2024-05	41,11,000	0	0	10,71,000	98,000	11,79,000	50,41,000	
2	WSPCLTD	Oil Tank	2024-05	1,40,00,000			10,00,000	10,00,000	20,00,000	1,20,00,000	
3	WSPCLTD	Oil Tank	2024-05	11,00,000					0	11,00,000	
4	WSPCLTD	Supply of 220 KVTS Core Type Bus Bar for Air Cooling System of Maitland WPC	2024-05	3,34,000					0	3,34,000	

Statement of Liability Flow

Name of the Employer: WTC Limited
Name of the Generating Station: Maitland

Sl. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in cumulative liquidation for 2024-25	Contractors 20% retention	Discharge during the year 2024-25		Total Discharge	Undisbursed liabilities as on 31.03.2024
							By payment	By retention		
2	TRU LTD	Procurement of Fuelys	2017-18	44,000						44,000
3	SAUT TURBO INDUSTRY PVT LTD	Supply of Spare Parts (Spare)	2017-18	60,000						60,000
7	ORIENTAL SOLARTECH INDUSTRY	Procurement of Substation for SCPE	2017-18	20,000						20,000
8	WIPAC & PIPERS (P) PVT LTD CONTROL SYSTEM	INSTALL AND COMMISSIONING OF CONTROL VALVE FOR FUEL GAS VALVE	2017-18	49,83,000			29,24,000	29,24,000		20,59,000
9	WIPAC & PIPERS (P) PVT LTD	Procurement of Hydraulic Actuators for LPB System	2017-18	22,000			42,251	42,251		11,749
10	TEKRA SOLUTIONS ENTERPRISES P.A.	PROVISION OF SPEED REDUCER (SRR) FOR GANTRY MOTORS	2017-18	700			700	700		0
11	WIPAC & PIPERS PVT LTD	Spares for Pump for WTC House Boiler	2018-19	48,000						48,000
12	WIPAC & PIPERS (P) PVT LTD	Spares for AGO-CLV and Pump (Spare)	2019-21							
13	WIPAC & PIPERS (P) PVT LTD	SPARE PARTS MOTOR ASSEMBLY (L&R)	2019-21							
14	WIPAC & PIPERS (P) PVT LTD	VACUUM PUMP SIZE 17000 MAKE	2019-21							
15	WIPAC & PIPERS (P) PVT LTD	VACUUM PUMP SIZE 17000 MAKE	2019-21							
16	ROBINSON LTD	Spares of Reverse pump	2019-21							
17	WIPAC & PIPERS (P) PVT LTD	Leakage Proofing work in Stage 1 Boiler	2019-21							
18	WIPAC & PIPERS (P) PVT LTD	Leakage Proofing work in Stage 2 Boiler	2019-21							
19	WIPAC & PIPERS (P) PVT LTD	ACUVAL VALVE FOR STAGE 2 BOILER	2019-21							
20	WIPAC & PIPERS (P) PVT LTD	SPARE PARTS	2019-21							
21	WIPAC & PIPERS (P) PVT LTD	SPARE PARTS	2019-21							
22	WIPAC & PIPERS (P) PVT LTD	COMPLETE VALVE ACTUATOR SIZE 12000	2019-21							
23	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
24	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
25	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
26	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
27	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
28	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
29	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
30	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
31	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							
32	WIPAC & PIPERS (P) PVT LTD	WIPAC & PIPERS (P) PVT LTD	2019-21							

Statement of Utility Flow

Name of the Producer: WPC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Undisbursed liabilities as on 31.03.2024	Liability in settlement/liquidation for 2024-25	Contractual 20% payment	Discharge during the year 2024-25		Total Discharge	Undisbursed liabilities as on 31.03.2024
							By payment	By receipt		
01	THIRD THIRD CARD (120-20)	THIRD THIRD CARD (120-20)	2023-24							
		Sub-Total (Undisbursed liab./ liab. not claimed)		1,71,82,594	0	0	31,67,444	89,942	32,07,588	1,39,75,006
		Total allowed @ normal 80%		1,07,14,81,245	57,77,840	1,55,73,840	1,54,07,532	1,51,25,525	32,14,82,412	97,25,71,833
		Total Disbursed @ Normal 80%		0	49,23,524	0	0	4	4	49,23,524
		Total allowed/ claimed		1,07,14,81,245	62,01,364	1,55,73,840	1,54,07,532	1,51,25,529	32,14,82,416	97,25,71,837
		Total liab. allowed / liab. claimed		1,71,82,594	0	0	31,67,444	89,942	32,07,588	1,39,75,006
		Grand Total		1,71,82,594	62,01,364	1,55,73,840	1,54,07,532	1,51,25,529	32,14,82,416	97,25,71,837

Statement of Utility Work

Name of the Employer: WTPC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional explanation for 2022-23	Contractors CRN creation	Discharge during the year 2022-23		Total Discharge	Unrecovered liabilities as on 31.03.2023
						By payment	By transfer		
1		Not work eligible for capital fund							
2		Allowed items (As per Order dated 05.06.2024 in 22/07/2023 in 26/07/2023)							
3	E N USAN	MITROSH ROAD TO KANDHARI & ROAD	2012-13	2	2	2,82,700	0	2,82,700	0
4	LAMPSON MACHINES LTD	AXIS	2012-13	1	1	0	0	0	95,24,000
5	NO ENGINEERS INDIA PVT LTD	Oil work in AHF package	2012-13					0	0
6	TRC LTD	Coal Handling Plant	2012-13			1,80,500	0	1,80,500	0
7	SPRINK WATER ENGINEERING LTD	Condensate Piping Plant	2012-13			88,980	0	88,980	0
8	SUPPLIAR ENGINE	CONSTRUCTION OF ACCESS & CENTRAL STATION BUILDING	2012-13			0	0	0	99,100
9	SHUK ENGINEERING PVT LTD	CONSTRUCTION OF STEEL BODY IN TRANCHRY AREA	2011-12					0	0
10	S N SANGH CONSTRUCTION PVT LTD	CONSTRUCTION OF 3-THR QUARTERS- 2 BLOOD CHAMBERS INCLUDING INTERNAL ELECTRIFICATION FOR FOUNDATION AT MOUDA STEEL STAGE	2012-13			88,240	1,77,849	4,56,089	0
11	AKASH BROTHERS TRADING	CONSTRUCTION OF BALANCE CHERRY ROAD IN PLANT AREA	2012-13			78,418	0	78,418	0
12	MAHU CONSTRUCTION PVT LTD	CONSTRUCTION OF BALANCE LANE OF MITROSH ROAD IN MOUDA STEEL	2011-12			2,55,000	0	2,55,000	0
13	MAHU CONSTRUCTION	Construction of Supply line & Service to Impact Drive	2012-13			88,880	0	88,880	0
14	MAHU CONSTRUCTION PVT LTD	CONSTRUCTION OF ROADWAY WALL IN FOUNDATION OF MOUDA STEEL	2012-13			7,10,275	88,254	1,68,400	0
15	SHREYASH SEACTORE PVT LTD	CONSTRUCTION OF Pysa Chamber of 2 BODIES IN CHAMBER INCLUDING INTERNAL ELECTRIFICATION	2012-13			0	0	0	24,28,711
16	SHREYASH SEACTORE PVT LTD	CONSTRUCTION OF 3-THR QUARTERS- 2 BLOOD CHAMBERS	2012-13			0	0	0	1,28,31,800
17	SHREYASH SEACTORE PVT LTD	CONSTRUCTION OF Pysa Chamber-level Roadside Chamber including internal Electrification	2012-13			0	0	0	19,71,000
18	A K JAINSTEEL	CONSTRUCTION OF ROAD IN TRANCHRY AREA	2012-13			2,55,875	1,000	2,56,875	0
19	A K ELECTRIC	CONSTRUCTION OF 7 Substation buildings & HT busbar and Piping including internal Electrification	2012-12			72,340	0	72,340	1,64,800
20	A K INFRASTRUCTURE	CONSTRUCTION OF 208 ADDITIONAL HEAD IN TRANCHRY	2012-13			2,55,118	0	2,55,118	0
21	B S SHARMA PVT LTD	CONSTRUCTION OF ROAD, CHAIR AND BOLT CONCRETE INCLUDING INTERNAL ELECTRIFICATION AT FOUNDATION AT MOUDA STEEL	2012-13			0	0	0	84,11,000
22	AKASH ENGINEERS & CONTRACTORS	CONSTRUCTION OF SERVICE LANE IN TRANCHRY AREA (Level 1) (Pysa Road Road)	2012-13			1,50,000	0	1,50,000	1,84,800
23	S N SANGH CONSTRUCTION PVT LTD	CONSTRUCTION WORK OF BALANCE 3-THR QUARTERS 2 BLOOD CHAMBERS INCLUDING INTERNAL ELECTRIFICATION AT MOUDA STEEL STAGE (Lamp post)	2012-13			4,56,000	0	4,56,000	0
24	NATIONAL BUILDING CONSTRUCTION	Painting Towers	2012-13						1,28,21,000
25	PRATHNA INDUSTRIES LTD	Oil & Milk System Oil work Package	2012-13				0	0	0
26	POSHAKO PVT LTD	Oil/Water Transport system P&ID	2012-12			1,19,000	0	1,19,000	0
27	SUPPLIAR ENGINE	Replacement of electrical for Impact Drive	2012-13			28,812	0	28,812	0
28	TRC LTD	Revised Engineering Project Management & Construction of FOUNDRY and Augmentation of Crane Station for fabricating casting package	2012-13			0	0	0	8,71,09,740

Statement of Liability Flow

Name of the Facility: WTPC Limited
Name of the Generating Station: Malviya

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional approximation for 2022-23	Contractors EPR provision	Discharge during the year 2022-23		Total Discharge	Unreleased liabilities as on 31.03.2022
						By payment	By transfer		
27	SAHODARA ENGINEERING INDUSTRIES	STRENGTHENING OF SUB STRUCTURE FOUNDATION FOR PRE-ENGINEERED PORTABLE ACCOMMODATION	2017-18			75,000	0	75,000	0
28	MILITARY INTERNATIONAL PVT LTD	Fire Detection and Protection System Package	2017-18, 2019-20		1,00,740	6,58,120	0	6,58,120	1,01,13,600
29	ONE FACULTY SERVICE SOLA	HAIRING OF SERVICES OF TWO CRANES FOR A PERIOD OF ONE YEAR FROM	2017-18			7,800	0	7,800	0
30	PROJECT AUTHORITY SOLA WTPC	Land	2015-18				0	0	1,08,12,000
31	SAHODARA ENGINEERING INDUSTRIES	Leasing of storage of fuel stores & some house area	2017-18	0	0	0	0	0	0
32	JAYSH & YOUNG LTD	IT Hardware and IT Services	2017-18	0	0	80,000	0	80,000	0
33	SPA WTPA ENGINEERING LIMITED	Work Part & OP-2a and Package	2017-18, 2019-20, 2020-21	0	0	6,07,08,120	0	6,07,08,120	8,17,00,000
34	SPA WTPA ENGINEERING LIMITED	Work Part & OP-2a and Package	2019-20	0	0	0	0	0	6,07,08,120
35	NATIONAL BUILDING CONSTRUCTION	Coating Towers	2019-18	0	0	0	0	0	4,200
36	SHRI HARILAKSHMARI AND ASSOCIATES	DEVELOPMENT OF LAWN & GARDEN WORKS IN PLANT AREA OF STAGE-1, WTPC SOLA	2016-19			12,500	0	12,500	1,00,000
37	Shree Raju	CONSTRUCTION OF COLLECTION, DISTRIBUTION, TREATMENT PLANT, HOUSE HOLDING	2019-18	0	0	18,21,900	0	18,21,900	0
38	Apar Engineering & Contractors	Construction of Sewerage network in plant area of Stage-1 for House EPR	2017-18	0	0	0	0	0	15,74,800
39	UNITED ENGINEERING CONSTRUCTION	Construction of Filter Race and Approaches to Substation and DCS M	2017-18	0	0	0	0	0	0
40	CHINA CONSTRUCTION	Excavation, work in Stage 1, Soolta High	2019-18			24,68,175	0	24,68,175	0
41	CHINA CONSTRUCTION	Waterworks work in temporary area for House EPR	2017-18					0	0
42	SHRI RAO ENTERPRISES	Plant Rectifying unit in HD area	2017-18			2,400	0	2,400	0
43	INDIAWATERBOARD LIMITED	HW Soolta High	2017-18			26,775	0	26,775	0
44	SHREEMATH FACTORY PVT LTD	Payment for PWC for CONSTRUCTION OF CIVIL QUARTERS- 7 (WATER) in Soolta High	2011-12			2,04,000	0	2,04,000	0
45	SHREEMATH FACTORY PVT LTD	Payment for PWC for Construction of 80 Type Quarters in Soolta High (including internal Sanitation) PWC No. 300000008 in 21.08.2010	2012-12			0	0	0	60,000
46	SPCC LTD	PWC No for HD, DHE and Augmentation of Treatment station for Soolta water supply	2017-18			0	0	0	68,19,100
47	ABB LIMITED	Power Transformer	2017-18			6,07,100	0	6,07,100	0
48	INDIAN OVERSEAS ENGINEERING CO. LTD	Fly Treatment Plant Package	2017-18, 2019-20			1,70,78,800	76,00,000	2,46,78,800	31,00,000
49	SEWAGE COMMUNICATIONS LTD	Procurement of water tank	2017-18			14,000	0	14,000	0
50	SPCC LTD	Various Other Construction	2017-18			21,21,000	12,70,000	33,91,000	1,10,00,000
51	SHRI RAO ENTERPRISES	Removal of road works from "Gardner" Road of HD area	2017-18			12,000	0	12,000	0
52	JAYSH & YOUNG LTD	Removal of cables and of temporary work in SHRT plant, PWC, HDW, Water, ACS/PH, Coating Tower etc. area for water supply to & augmentation	2017-18			24,000	0	24,000	0
53	PAUL RAO	MS Tank for the	2017-18			4,000	0	4,000	0

Statement of Utility Work

Name of the Contractor: ATFC Limited
 Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional explanation for 2022-23	Contractors OPI valuation	Discharge during the year 2022-23		Total Discharge	Unrecovered liabilities as on 31.03.2023
						By payment	By transfer		
32	SHARAT HEAVY ELECTRICALS LTD	SS	2017-18, 2020-21, 2022-23		1,76,57,094	0	0	0	1,76,57,094
33	SOVI KUMAR SINGH	Supply of heavy items from Daphne Rawar Station to ATFC Maitav	2017-18		0	22,111	0	22,111	0
34	SYSTEM INFRASTRUCTURE LTD	WTS UNGROUND & INFRASTRUCTURE WORKS	2017-18		0	24,400	0	24,400	24,40,000
35	WINDMILL INDIA PVT. LTD	STATION DE-STACKING	2017-18, 2020-21, 2022-23			22,87,248	2,82,961	23,10,040	14,39,408
36	UNITECH MACHINES LTD	Station Piling	2017-18			2,28,12,800	22,700	2,28,35,500	87,82,800
37	RAJESH ELECTRICALS PVT LTD	Supply of 20 MVA High Voltage Reactor for Maitav 100 (20 MVA)	2017-18		0	0	0	0	2,89,200
38	IOC POWER TECHNOLOGIES PVT LTD	SURVEY OF DRAINAGE, WIRE & CABLE TRAY AND WIRE INTERFERENCE (WICA)	2016-17		0	0	0	0	0
39	ABHUTHEE	Station cable Storage	2017-18			2,82,478	0	2,82,478	0
40	SHARAT HEAVY ELECTRICALS LTD	TS	2017-18, 2020-21, 2022-23	25,70,000	1,18,800		87,240	87,240	1,40,80,000
41	ABHUTHEE	Generator Station Storage	2017-18				0	0	0
42	WINDMILL INDIA PVT LTD	INTERNAL SUPPLY SYSTEM TESTING & COMMISSIONING & TESTING OF A.C. WIND TURBINE MODULE	2017-18		0	0	0	0	1,24,000
43	SCORP & SONS WFS CO LTD	Procurement of Furnace for ST Boiler & its Piping	2017-18		0	2,24,377	0	2,24,377	0
44	DEVAINDIA PVT LTD	Procurement of Furnace for ST Boiler	2017-18		0	0	0	0	0
45	KT INDUSTRIES	Procurement and Piling of Piles during WICA extension testing & other activities in Project Office	2017-18			10,000	0	10,000	0
46	WINDMILL INDIA PVT LTD	Supply of PFC at Station / Project at Maitav and ONGC Mumbai	2017-18			6,700	0	6,700	0
47	COPIING TECHNOLOGIES PVT	Supply of Photo-copier, Printer, Multicopyer, Color Inkjet Printer & all Peripherals to Maitav Maitav STTS	2017-18			66,000	0	66,000	0
48	GT CONSTRUCTION	INTERNAL SUBSCRIPTION OF ST BOILER	2018-19			20,000	0	20,000	0
49	KAL CONSTRUCTION	ADDITIONAL DEVELOPMENT WORK IN CAUTION AREA AT MTAI Maitav	2017-18			61,000	0	61,000	0
50	Shiva Steel	Material, etc.	2017-18				0	0	0
51	Shiva Steel	CONSTRUCTION OF AIR COND. BRIDGE PLANT AT MTAI Maitav	2017-18			12,08,708	0	12,08,708	0
52	SHANTHI OVERHAULING PVT LTD	Procurement of Transformers and High Tension Insulators	2017-18		0		0	0	0
53	SALINDIA	Procurement of 400 Amps from Unit 1 Link to All Transformer	2017-18			22,700	0	22,700	0
54	NETRAN HOLDINGS PRIVATE LIMITED	ACROBATIC INSPECTION SERVICES FOR ALL UT HEADERS IN PERIODS WITH 1 MVA MOUNTED ON 25000 MVA D 200	2017-18		0	0	0	0	0
55	UPULI FOUNDATION LTD	ASSIGNMENT ORDER FOR FABRICATION AND ERECTION OF STEEL STRUCTURE AND STAY	2017-18			2,440	0	2,440	0
56	SS CONSTRUCTION	Procurement of Transformer Piling works done during WICA, Piles Test, Light up and Commissioning Activities	2017-18			12,000	0	12,000	0
57	SS CONSTRUCTION	Procurement of Light up during WICA & WICA Piling Work	2017-18			17,100	0	17,100	0
58	SHARADH ENTERPRISES	Procurement of High Tension cables, Insulator, Insulating material, Cables and all other items for MTAI Maitav	2017-18			4,371	0	4,371	0
59	WINDMILL INDIA PVT LTD	Procurement of WINDMILL MACHINES FOR INTERNAL WINDMILL INSPECTION	2017-18		0	0	0	0	0
60	SHARAT HEAVY ELECTRICALS LTD	Procurement for supply of 1000 DVA WPA (1000)	2017-18		0	4,80,800	0	4,80,800	0
61	PERCLARE INDIA PVT LTD	Supply of Heavy Duty's Analyser to MTAI Maitav	2017-18		0	0	0	0	0

Statement of Liability Flow

Name of the Contractor / TTC Under
Name of the Generating Station / Market

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional appropriation for 2020-21	Contractors OPA provision	Discharge during the year 2020-21		Total Discharge	Unreleased liabilities as on 31.03.2021
						By payment	By transfer		
85	COFFRO TECHNOLOGIES PVT LTD	Supply of HGA (Manufacture) Panels for TTC House STT	2012-13	0	0	0	0	0	0
86	Coome & Bunk VEG CO LLP	Procurement of Furniture for OT Accommodation and Training	2012-13			4,100		4,100	0
88	SUNIL W TECH ENGINEERS LTD	CONSTRUCTION OF NON-RESIDENTIAL BUILDING (PADDAWALI) HCL, HYDRABAD	2014-17			28,41,900	0	28,41,900	0
87	SUNIL W TECH ENGINEERS LTD	Interior Decoration of HOP Bungalow (near Bungalow - 2)MHT	2012-13			0	0	0	40,00,000
88	FOURNA GROUP PRIVATE LIMITED	Design, Construction, supply, erection, testing & commissioning of	2012-13			27,22,200	10,70,400	40,00,000	0
89	KAL CONSTRUCTIONS	CONSTRUCTION OF PARK (SHED) IN PLANT AREA	2012-13	0	0	0	0	0	4,10,000
90	S. THAKUR CONSTRUCTIONS PVT. LTD	CONSTRUCTION OF 28 BLOCK USE HOUSE TYPE QUARTERS FOR Township at	2014-13			10,70,740	0	10,70,740	0
91	Innovation Technologies P.L.L.C	SUPPLY & INSTALLATION OF 22 Nos. CCTV CAMERA FOR PROTECTION	2012-13	0	0	0	0	0	0
92	SHRI S. SONG	HOUSE W/ LIGHT	13-07-2019	0	0	0	0	0	0
93	SHRI S. SONG	SLAB FOR AND 0012, P. A. FOR 1402000004	11-09-2019	0	0	20,181	0	20,181	0
94	SHRI S. SONG	PROVISIONS AND FOR WIRING AND STAIRS INSTALLATION OF FIVE	09-09-2019	0	0	10,004	0	10,004	0
95	SHRI S. SONG	WALL PAINT & OPA FOR RENTAGE	10-09-2019	0	0	40,700	0	40,700	0
96	SHRI S. SONG	WALL PAINT & OPA FOR RENTAGE	10-09-2019	0	0	28,800	0	28,800	0
97	SHRI S. SONG	SCAFFOLDING OF PART OF CHOR OF GATE STAIR, TRUCK STAIR AND	08-09-2019	0	0	0	0	0	1,00,000
98	SHRI S. SONG	FENICHE AROUND UNIT 18 UNIT 1 FOR TTC HOUSE STAGE	08-09-2019				1,00,000	1,00,000	1,00,000
99	SHRI S. SONG	SCAFFOLDING FOR WORK IN TOWNSHIP AREA	08-09-2019				0	0	0
100	SHRI S. SONG	SCAFFOLDING FOR WORK IN TOWNSHIP AREA	08-09-2019				40,000	40,000	0
101	SHRI S. SONG	DEVELOPMENT OF LAWN & SANDY WORKS IN PLANT AREA OF	09-09-2019	0	0	0	0	0	0
102	SHRI S. SONG	CONSTRUCTION OF COAL SHED, CORRUGATED, DECORATIVE	09-07	0	0	30,00,000	0	30,00,000	0
103	SHRI S. SONG	CONSTRUCTION OF FOUR WARE HOUSES	10-07	0	0	0	0	0	1,00,000
104	SHRI S. SONG	Painting on External Surface of Cooling Towers	08-11-2019			15,400	0	15,400	0
105	SHRI S. SONG	Removal, Carrying and Dropping of material ACROSS SECTION OF	10-10-2019			5,000	0	5,000	0
106	SHRI S. SONG	Re-Wiring of electrical in temporary shed for PVDC solar light	10-10-2019			70,000	0	70,000	0
107	SHRI S. SONG	Work of other flow pipe through 1ST FLOOR	08-04-2019			30,000	0	30,000	0
108	SHRI S. SONG	Installation of Backup Cooling towers and their work at TTC	2014-17			1,07,000	0	1,07,000	0
109	SHRI S. SONG	Installation of SHRI S. SONG SYSTEM IN 1ST, 2ND & 3RD FLOOR	10-04-2019			5,000	0	5,000	0
110	SHRI S. SONG	Supply of Fuel Oil for Generator of 2nd stage of TTC	09-09-2019			27,100	0	27,100	0
111	SHRI S. SONG	Re-Wiring of electrical in Generator of 2nd stage of TTC	10-10-2019			0	0	0	4,00,000
112	SHRI S. SONG	Re-Wiring of electrical in Generator of 2nd stage of TTC	10-10-2019			0	0	0	1,00,000
113	SHRI S. SONG	Re-Wiring of electrical in Generator of 2nd stage of TTC	10-10-2019			5,000	0	5,000	0

Statement of Utility Flow

Name of the Facility: WPC Limited
 Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional explanation for 2020-21	Contractors OPA provision	Discharge during the year 2020-21		Total Discharge	Unrecovered liabilities as on 31.03.2021
						By payment	By transfer		
124	CH2M HILL	Construction of 33kV Distribution Network for Maitland being	07-08-2019			3,87,344	0	3,87,344	0
125	DEFEND CONSTRUCTION	Construction of approach road across Maitland track in Maitland being	21-06-2019			2,22,500	0	2,22,500	0
126	WPC LTD	Defense Source fee	17-01-2020			0	0	0	1,82,285
127	LIMITED LIABILITY	Construction of Road & HD Cables in Part New Stage WPC Maitland	2019-20			4,300	0	4,300	0
128	LIMITED LIABILITY	Construction of Balance Beam, Drums and Gate Control housing Internal Distribution at Maitland Maitland STP	2019-20	0	0	30,67,274	0	30,67,274	0
129	NEW PARTNERS & CONSULTANTS	Construction of Physical Design & Network in Maitland Maitland	2019-20	0	0	0	0	0	0
130	REACTIVITY ACQUISITION	ACQUISITION AT WPC Maitland Maitland	2019-20	0	0	0	0	0	1,82,285
131	E-Trainer Constructions Pvt Ltd	Construction of Approach Road from Dr Type Road to Bauline Road at Maitland Maitland	2019-20	0	0	2,22,480	0	2,22,480	0
132	RAJESH MACHANERY WORKS	INTERNAL WATER SUPPLY FOR Maitland at Maitland STP	2019-20			2,62,274	0	2,62,274	0
133	SHREE FOUNDATION	Founding and Ring Foundation, Water Galleries, Grouting, Kribber, Piling	2019-20	0	0	0	0	0	0
134	A N Enterprises	Shoring of HD Cables near the to HD Cables, A Type Dr Road	2019-20			20,000	0	20,000	0
135	M A BUILDERS	Construction of Pond and Storm Water in Maitland Maitland	2019-20	0	0	0	0	0	0
136	RAINBOW ENGINEERS	High Point & Storm Drain Maitland	2019 (T. 2019-20)	0	0	0	0	0	1,82,285
137	E-Trainer Constructions Pvt Ltd	Water Piped Out from Maitland STP, WPC Maitland Maitland	2019-20			44,000		44,000	0
138	E-Trainer Constructions Pvt Ltd	Design & Installation of 22kV/11kV Distribution Sub Station at Maitland Maitland	2019-20			3,800		3,800	0
139	CO-BAIT BUSINESS PVT LTD	HOUSE SUPPORT FOR Maitland Maitland	2019-20	0	0	0	0	0	0
140	MOOLAPOOR TECHNOLOGIES PVT LTD	Two (Two) meters in digital form from SACM, Canal housing Maitland	2017-18			2,480		2,480	0
141	SHRIAT MOUNT ELECTRICALS LTD	TURBINE OPERATOR UNIT 2	2020-21	48,28,084	0	0	0	0	48,28,084
Sub-totals (Inferred items) per Order dated 14.03.2021 in GMP/2020 (4.33/07/2021)				50,28,567	- 9,78,71,822	42,77,62,608	1,62,68,200	14,28,28,100	50,48,76,200
6. Claimed items									
1	WPC LTD	Automatic Generation Control	2019-20			46,78,712	0	46,78,712	0
2	WPC LTD	CVT External Piping	2019-20			1,28,840	0	1,28,840	0
3	WPC LTD	High Voltage Cable Termination System	2019-20						
4	WPC LTD	Three Core High Voltage for Air Cooling System	2019-20						
5	WPC LTD	UNIT 2 200KV/11kV 2000 AH CAPACITY BATTERY BANK	2019-20						
Sub-totals (Claimed items) @ 100% RSC				0	0	48,07,552	0	48,07,552	0
7. Disallowed items/ Items not claimed									
1	WPC LTD	Control Panel	2019-20			38,11,800	0	38,11,800	0
2	WPC LTD	DC MATHS	2019-20						1,12,24,816
3	WPC LTD	DC MATHS	2019-20			12,58,800	0	12,58,800	0
4	WPC LTD	Supply of 220 kV/11 kV Cable for 2000 Ah DC Charge of Battery of Maitland STP	2017-18	0	0	0	0	0	1,24,416

Statement of Liability Flow

Name of the Employer: WPC Limited
 Name of the Generating Station: Maitland

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in additional explanation for 2022-23	Contractors CRN	Discharge during the year 2022-23		Total Discharge	Unreleased liabilities as on 31.03.2022
						By payment	By transfer		
2	TRU LTD	Procurement of Fuel gas	2017-18					44,000	
3	SAUT TUBES INDUSTRIES PVT LTD	Supply of Saut Tube Assembly	2017-18					40,000	
7	ORIENTAL ENGINEERING CORPORATION	Procurement of Safety valve for SRV#2	2017-18					20,000	
8	WIPAC & THERMO LAB FOR ENVIRONMENT LIMITED	PROCUREMENT OF INSTRUMENTS FOR WATER PURIFIER	2017-18					8,00,000	
9		Procurement of Instrument Assemblies for WPF System	2017-18					22,000	
10	TEKRA SOLUTIONS ENTERPRISES P.A.	PROCUREMENT OF SPEED REDUCER MOTOR FOR GAN FOR MOUNT	2017-18					0	
11	WPC OFFICE PVT LTD	Amount outstanding for WPC House Rent	2018-19					48,000	
12	WPC ELECTROTECHNICAL SERVICES LIMITED	Waste REMEDIATION Plant Installation	2019-21	8.81.50%				0	8.81.50%
13	SHARIF HEAVY ELECTRICAL LTD	WATER SUPPLY MOTOR ASSEMBLY, 10000	2019-21						
14	SHARIF HEAVY ELECTRICAL LTD	VACUUM PUMP SIZE 17000 MAKE	2019-21						
15	SHARIF HEAVY ELECTRICAL LTD	VACUUM PUMP SIZE 17000 MAKE	2019-21						
16	ROBINSON LTD	Waste offsite work	2019-21						
17	KAAP SOLUTIONS PVT LTD	Leakage Pumps work in Stage 1 2019-21	2019-21						
18	KAAP SOLUTIONS PVT LTD	Leakage Pumps work in Stage 2 2019-21	2019-21						
19	KORSE GREENHILL PVT LTD	AC VOLTAGE TEST FOR STAGE 2 MOTOR	2019-21						
20	SHR. MARK MFG WORKS	SHR. MARK MFG WORKS	2019-21						
21	COMPLUTECH INDIA ACTUATOR 5400 (12000)	COMPLUTECH INDIA ACTUATOR 5400 (12000)	2019-21						
22	YATE ASSEMBLY & SERVICE GROUP	YATE ASSEMBLY & SERVICE GROUP	2019-21						
23	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
24	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
25	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
26	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
27	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
28	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	MACHINDIA - SOUNDING ENDS AND OTHER SPARE	2019-21						
29	SPY INDUSTRIES PVT LTD	SPY INDUSTRIES PVT LTD	2019-21						
30	ORION 2000 SERVICE	ORION 2000 SERVICE	2019-21						
31	MACHINDIA SOUNDING ENDS	MACHINDIA SOUNDING ENDS	2019-21						
32	VACUUM PUMP SIZE 17000 MAKE	VACUUM PUMP SIZE 17000 MAKE	2019-21						

Statement of Utility Flow

Name of the Facility: WPC Limited
Name of the Generating Station: Maitav

Sr. No.	Party Name	Name of the work	Year of creation of liability	Liability (if additional explanation for 2020-21)	Contractors OPA provision	Discharge during the year 2020-21		Total Discharge	Unabridged liabilities as on 31.03.2021
						By payment	By transfer		
01	THIRD THIRD CARD (120-20)	THIRD THIRD CARD (120-20)	2020-21						
		Total (Unabridged items) Items not claimed		1,82,587	0	81,80,000	0	81,80,000	1,28,77,548
		Total allowed @ normal OPA		87,02,807	-5,78,73,333	-11,57,42,032	1,21,45,510	18,80,75,105	31,47,73,589
		Total Disputed @ Normal OPA		0	0	48,25,333	0	48,25,333	0
		Total allowed / claimed		87,02,807	-5,78,73,333	-11,57,42,032	1,21,45,510	18,80,75,145	31,47,73,589
		Total (not allowed / not claimed)		1,82,587	0	81,80,000	0	81,80,000	1,28,77,548
		Grand Total		87,02,807	-5,78,73,333	-11,57,42,032	1,21,45,510	18,80,75,145	31,47,73,589

Statement of Liability Flow

Name of the Employer: WPC Limited
Name of the Generating Station: Malviya

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability is extinguished agreed/actual by 2024-25	Contractor 2024-operative	Discharge during the year 2023-24		Total Discharge	Undischarged Liabilities as on 31.03.2024
						By payment	By reversal		
1		Not scored eligible for contractual							
2		Allowed items (As per Order dated 05.04.2024 in 22/07/2023 in 26/07/2023)							
3	S N SESH	MITRODA ROAD TO KANDHAR & ROAD	2012-13						
4	LAMPSON MACHINES LTD	AXIS	2012-13			2,48,000		2,48,000	25,00,000
5	NO ENGINEERS INDIA PVT LTD	Oil work in AHF package	2012-13						
6	TRUJET	Coal Handling Plant	2012-13						
7	SHRIJI WATER ENGINEERING LTD	Compressed Airing Plant	2012-13						
8	SUP PLUMER ENGINE	CONSTRUCTION OF HOUSE & CENTRAL STATION BUILDING	2012-13						28,710
9	SHRIJI ENGINEERING PVT LTD	CONSTRUCTION OF STEEL BODY IN TRANSFER AREA	2012-13						20
10	S N SESH CONSTRUCTION PVT LTD	CONSTRUCTION OF 3-THR QUARTERS- 12 BLOOD CUM DING INCLUDING INTERNAL ELECTRIFICATION FOR FOUNDATION AT HOUSE 27TH STAGE	2012-13						0
11	AGAR BROTHERS TRADING CO	CONSTRUCTION OF BALANCE CHERRY ROAD IN PLANT AREA	2012-13						0
12	MAULI CONSTRUCTION PVT LTD	CONSTRUCTION OF BALANCE LANE OF MITRODA ROAD IN HOUSE 27TH	2012-13						0
13	MAULI CONSTRUCTION	Construction of Supply line & Service to Impact Drive	2012-13						0
14	MAULI CONSTRUCTION PVT LTD	CONSTRUCTION OF BOUNDARY WALL IN FOUNDATION OF HOUSE 27TH	2012-13						0
15	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- 12 BLOOD CUM QUARTERS INCLUDING Internal Electrification	2012-13						24,00,000
16	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF 3-THR QUARTERS- 12 BLOOD CUM QUARTERS	2012-13						1,25,00,000
17	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- Level Roadside Quarters including internal Electrification	2012-13						15,75,000
18	A K ELECTRIC	CONSTRUCTION OF HOUSE IN TRANSFER AREA	2012-13						0
19	A K ELECTRIC	CONSTRUCTION OF 7 Substation buildings & HT Transformer Building including internal Electrification	2012-13			85,110	78,400	1,63,510	0
20	A K ELECTRIC	CONSTRUCTION OF 208 ADDITIONAL HOUSE IN TRANSFER	2012-13						0
21	B S SHARMA PVT LTD	CONSTRUCTION OF ROAD, DRIVE AND SIDE CANAL INCLUDING INTERNAL ELECTRIFICATION AT HOUSE 27TH	2012-13						94,11,000
22	AGAR BROTHERS & CONTRACTORS	CONSTRUCTION OF SERVICE LANE IN TRANSFER AREA (Level Road) (Ramp Road Road)	2012-13						1,38,000
23	S N SESH CONSTRUCTION PVT LTD	CONSTRUCTION WORK OF BALANCE 3-THR QUARTERS 12 BLOOD CUM QUARTERS INCLUDING INTERNAL ELECTRIFICATION AT HOUSE 27TH STAGE (Level Road)	2012-13						0
24	NATIONAL BUILDING CONSTRUCTION	Coing Tanks	2012-13						1,22,00,000
25	PRATHA INDUSTRIES LTD	Oil & Milk System Oil work Package	2012-13						0
26	POSHAKO PVT LTD	Oil/Water Transport Package (O/S)	2012-13						0
27	SUP PLUMER ENGINE	Replacement of structure for House 27TH	2012-13						0
28	TRUJET	Roofing Engineering/Plant Management & Construction of HOUSE and Augmentation of Transfer Station for Malviya using Package	2012-13			1,04,07,840	1,00,00,000	6,07,840	0

Statement of Liability Flow

Name of the Facility: WPC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability is extinguished/liquidated in the year 2022-23	Contracted/2023 operations	Discharge during the year 2022-23		Total Discharge	Unliquidated Liability as on 31.03.2023
						By payment	By reversal		
27	SANJIVAN ENGINEERING CONSULTANTS	STRENGTH OF THE STRUCTURE FOUNDATION FOR PRE-ENGINEERED PORTABLE ACCOMMODATION	2015-16		0	0	0	0	0
28	MCCOTTRELL INTERNATIONAL PVT LTD	Fire Detection and Protection System Package	2015-16, 2020-21		111.18A	108.87	108.87	0	28.128A
29	ONE FACILITY SERVICE SOLA	HAIRD OF SERVICES OF TWO CRUISE FOR A PERIOD OF ONE YEAR FROM	2015-16		0	0	0	0	0
30	PROJECT AUTHORITY SOLA WPC	Land	2015-16		0	23233.80B	23233.80B	0	4.25.23.80B
31	SOLAR PRAJATI ENGINEERING WORKS	Laying, drawing of fuel system & some house area	2015-16		0	0	0	0	0
32	JAYSH & YOUNG LTD	IT Hardware and IT Support	2015-16		0	0	0	0	0
33	SPA WPC ENGINEERING LIMITED	Work Part & OP-26-101 Package	2015-16, 2020-21, 2022-23					0	6.17.24.000
34	SPA WPC ENGINEERING LIMITED	Work Part & OP-26-101 Package	2019-20					0	6.05.24.001
35	NATIONAL BUILDING CONSTRUCTION	Coating Towers	2015-16					0	0.29
36	SPSS WATER TREATMENT AND REFINING	DEVELOPMENT OF LAUNDS & GARDEN WORKS IN PLANT AREA OF STAGE-1 WPC HOUSE	2016-17		0	0	0	0	1.0.000
37	Shree Raju	CONSTRUCTION OF COLLECTION, DISTRIBUTION, TREATMENT HOUSE, WASTEWATER	2016-18		0	0	0	0	0
38	Apar Engineering & Contractors	Construction of Sewerage network in plant area of Stage-1 for House EPP	2017-18		0	80.00A	80.00	0	1.19.00A
39	UNITED ENGINEER CIVIL CONSTRUCTION	Construction of Filter Race and Approaches to Substation and DRY W	2017-18		0	0	0	0	0
40	HEENA CONSTRUCTION	Excavation, work in Stage 1 Sewerage Pipe	2018-19		0	0	0	0	0
41	HEENA CONSTRUCTION	Maintenance work in Sewerage area for House EPP	2017-18		0	0	0	0	0
42	SHARDA ENGINEERING WORKS ENGINEERING	Elec. Rectifying work in House	2017-18		0	0	0	0	0
43	HEENA CONSTRUCTION	WV Sewerage	2017-18		0	0	0	0	0
44	SHREEDHAR FACTORY PVT LTD	Payment for PUC for CONSTRUCTION OF FIVE QUARTERS- 7 (PUC) (In progress)	2018-19		0	0	0	0	0
45	SHREEDHAR FACTORY PVT LTD	Payment for PUC for Construction of 8 Type Quarters of Borewell/200 Cisterns including internal Sewerage PUC No. 300000008 (In progress)	2017-19		0	0	0	0	0.000
46	SPSS LTD	PUC fee for PUC, O&M and Augmentation of Treatment station for Sewerage water package	2017-18		0	66.18.4	66.18.4	0	66.18.4
47	ABB LIMITED	Power Transformer	2017-18		0	0	0	0	0
48	INDOANALABAY ENGINEERING CO. PVT. SECURE COMMUNICATIONS LTD	Fire Treatment Plant Package	2017-18, 2019-20			1.00	1.00	1.00	28.01.00
49	SECURE COMMUNICATIONS LTD	Procurement of software	2017-18		0	0	0	0	0
50	SPSS LTD	Renewal, Repair, Construction	2017-18		0	0	0	0	4.00.00.000
51	SHARDA ENGINEERING	Removal of roadblocks from "Gardner" Road of WPC W	2017-18		0	0	0	0	0
52	JAYSH & YOUNG LTD	Removal of cables and or temporary work in SHRT plant, PUC, WPC, Water, ACS/CPH, coating tower etc. area for WPC water right of & substation	2017-18		0	0	0	0	0
53	PAUL RAO	MS Tank pipe etc.	2017-18		0	0	0	0	0

Statement of Utility Work

Name of the Employer: WPC Limited
 Name of the Generating Station: Milled

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with provision for 2019-20	Contracted 2019-2020	Discharge during the year 2019-20		Total discharge	Undisbursed liability as on 31.03.2020
						By payment	By reversal		
31	SHARIT HEAVY ELECTRICAL LTD	SS	2017-18, 2019-20	11,333.00	1,48,222	1,36,889	1,36,889	16,964.11	
32	ECOTEXAM ENGINEERING	Supply of heavy duty from Diapher Rawar Station to WPC in part	2017-18		0	0	0	0	
33	INDIAN INFRASTRUCTURE LTD	WTS UNDERGROUND & INFRASTRUCTURE WORKS	2017-18		0	0	0	5,98,11,000	
34	WINDMILL INDIA PVT. LTD	STATION DEVELOPMENT	2017-18, 2019-20	11,333.00	1,18,000	1,06,666	1,06,666	0	
35	UNITECH MACHINES LTD	Station Piling	2017-18		0	20,00,000	20,00,000	0	
36	KAJAP ELECTRIC & PVT LTD	Supply of 20 MVA High Voltage Reactor for Milled WPC (20 MVA)	2017-18		0	0	0	5,49,000	
37	SEC POWER TECHNOLOGIES PVT LTD	SURVEY OF UNDERGROUND CABLES & DUCT AND UNDERGROUND LIFE (UGVA)	2017-18		0	0	0	0	
38	ABHINAV	Station cable Storage	2017-18		0	0	0	0	
39	SHARIT HEAVY ELECTRICAL LTD	TS	2017-18, 2019-20					1,51,00,000	
40	ABE LTD	Generator Substation Storage	2017-18		0	0	0	0	
41	WINDMILL INDIA PVT LTD	DESIGN, SUPPLY, ERECTION, TESTING & COMMISSIONING & TESTING OF A.C. UNDERGROUND CABLES	2017-18		0	1,00,000	1,00,000	0	
42	SCORP & SONS WFS CO LTD	Procurement of Furnace for ET House & in place	2017-18		0	0	0	0	
43	DEVI INDIA PVT LTD	Procurement of cables (20 MVA)	2017-18		0	0	0	0	
44	ET INDUSTRIES	Procurement and Piling of Pile Caping in WPC substation building & other adjacent to Piled Office	2017-18		0	0	0	0	
45	ECOTEXAM ENGINEERING	Supply of WPC at Rawar / Project at WTS and ONG in WTS	2017-18		0	0	0	0	
46	COPTING TECHNOLOGIES PVT	Supply of Processed WATER, MATHURAN, CARBONATED WATER & all related to WTS Milled WTS	2017-18		0	0	0	0	
47	CONSTRUCTION	INTERNAL SUBSTATION OVER 3000KV	2017-18		0	0	0	0	
48	CONSTRUCTION	ADDITIONAL DEVELOPMENT WORK IN CABLE AREA AT WPC Milled	2017-18		0	0	0	0	
49	SHAK BANG	Roofing, etc	2017-18		0	0	0	0	
50	SHAK BANG	CONSTRUCTION OF AIR CONDITONING PLANT AT WPC MILLED	2017-18		0	0	0	0	
51	SHAK BANG ENGINEERING PVT LTD	Procurement of Transformers and High Tension cables	2017-18		0	0	0	0	
52	SADHAK	Procurement of WTS cables from Unit 1 and Unit 2 at WTS Milled	2017-18		0	0	0	0	
53	INDIAN INFRASTRUCTURE IN LIMITED	ADDITIONAL INSPECTION SERVICES FOR ADJUT HEADERS IN PERMITS UNDER WTS MILLED STATION (2017-18) AND 2019	2017-18		0	0	0	0	
54	UPULI FOUNDATION LTD	ASSIGNMENT ORDER FOR FABRICATION AND ERECTION OF STEEL STRUCTURE AND STEEL	2017-18		0	0	0	0	
55	SS CONSTRUCTION	Procurement of Transformer Piling works done during WTS Milled WTS, WTS and WTS (2017-18)	2017-18		0	0	0	0	
56	SS CONSTRUCTION	Procurement of High Tension cables from Unit 1 and Unit 2 at WTS Milled	2017-18		0	0	0	0	
57	SHAK BANG ENGINEERING	Procurement of High Tension cables from Unit 1 and Unit 2 at WTS Milled	2017-18		0	0	0	0	
58	WAT INDIA ENGINE TOOLS LIMITED	PROCUREMENT OF WAT INDIA MACHINES FOR CONCRETE, REINFORCEMENT, etc	2017-18		0	0	0	0	
59	SHARIT HEAVY ELECTRICAL LTD	Procurement for supply of WTS INDIA WTS (2017-18)	2017-18		0	0	0	0	
60	PERILASE INDIA PVT LTD	Supply of Heavy Duty Analyser to WTS MILLED	2017-18		0	0	0	0	

Statement of Liability Flow

Name of the Employer: NTPC Limited
Name of the Generating Station: Noida2

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with provision for 2024-25	Contractor's 2024-25 provision	Discharge during the year 2024-25		Total Discharge	Unutilized Liability as on 31.03.2025
						By payment	By reversal		
85	COFFRO TECHNOLOGIES PVT LTD	Supply of HVA Substation Panels for NTPC House STT	2022-23		0	0	0	0	0
86	Coome & Bock VEG LLC	Procurement of Furniture for OT Accommodation and Training	2022-23		0	0	0	0	0
88	SUNIL W TECH ENTERPRISES LTD	CONSTRUCTION OF NON-RESIDENTIAL BUILDING (PADDAWH) HCL, Noida	2024-25		0	0	0	0	0
87	SUNIL W TECH ENTERPRISES LTD	Internal Substation 110KV Bungalow (near Bungalow - 2) NTPC	2022-23		0	4,69,79	4,69,79	0	0
88	POUNCE GROUP PRIVATE LIMITED	Design, Construction, supply, erection, testing & commissioning of	2023-23		0	0	0	0	0
89	KAL CONSTRUCTION	CONSTRUCTION OF PAVEMENTED PLANT AREA	2022-23		0	0	2,98,98	2,98,98	1,71,98
90	S. THAKUR CONSTRUCTION PVT. LTD	CONSTRUCTION OF 28 BLOCK USE HOUSE TYPE QUARTERS FOR STAFF/STAFF	2023-23		0	0	0	0	0
91	INNOVATION TECHNOLOGIES P.L.L.D.	SUPPLY & INSTALLATION OF 22 Nos. CCTV CAMERA FOR PROTECTION	2022-23		0	0	0	0	0
92	SHRI S. S. SONS	HOUSE BY LIGHT	23-03-2023		0	0	0	0	0
93	SHRI S. S. SONS ELECTRICALS	Supply for and supply of P.A. for 1400000000	11-09-2023		0	0	0	0	0
94	SHRI S. S. SONS ELECTRICALS	Installation and maintenance and electrical installation of Panel 1400 and 1000 (1400000000)	09-09-2023		0	0	0	0	0
95	NEW LOOK FURNITURE	New Panel & Office for Package	23-08-2023		0	0	0	0	0
96	NEW CONSTRUCTION	New Panel & Office for Package	23-08-2023		0	0	0	0	0
97	ANIL ENGINEERS & CONTRACTORS	Supply Items of Part of 1000 of Gen. Equip. Tank House and House of Equip.	08-08-2023		0	2,00,00	0	2,00,00	2,00,00
98	ANIL ENGINEERS & CONTRACTORS	FINISH AROUND UNIT 1 & UNIT 2 FOR NTPC HOUSE STAFF	23-08-2023		0	2,00,00	0	2,00,00	0
99	E. T. ENGINEERS	INSTALL CABLE TRAY IN TOWER OF WPP	23-08-2023		0	0	0	0	0
100	M. S. ENGINEERS	Supply and installation of cable tray in tower of WPP	23-08-2023		0	0	0	0	0
101	GREEN HANU ENGINEERS AND ARCHITECTS	CONSTRUCTION OF LAWN & SANDY BEDS IN PLANT AREA OF STAFF NTPC Noida	23-06-2023		0	0	0	0	0
102	Shree Steel	CONSTRUCTION OF COAL SHEDS, COBBER SHED, DECORATIVE FENCE	08-07		0	0	0	0	0
103	Shree Steel	Construction of four water storage tanks	18-07		0	20,00	0	20,00	1,00,00
104	M. S. ENGINEERS	Painting on External Surface of Cooling Tower	20-11-2024		0	0	0	0	0
105	DR. K. S. ENGINEERS	Removal, cutting and shifting of material AC at location away of 1000 and 500 charging	23-09-2023		0	0	0	0	0
106	LAKSHY & SONS LTD	Installation of solar panel on temporary shed for 1400 solar light	23-07-2023		0	0	0	0	0
107	LAKSHY & SONS LTD	Supply of solar panel and cable through 1000 and 500	23-07-2023		0	0	0	0	0
108	E. T. ENGINEERS	Installation of 1400 and 500 charging and they work at NTPC House	2024-25		0	0	0	0	0
109	EDWARDIAN ENTERPRISES	Installation of smart meters in 1000, 1000 & 1400 charging	18-09-2024		0	0	0	0	0
110	REGULAIR TRANSMISSION LTD	Supply of Fuel Oiling for Converter Transformer of 1400 charging at NTPC House STT	02-09-2024		0	0	0	0	0
111	S. S. ENGINEERS PVT LTD	Removal of material, construction of Panel, Sheds and Gate. Contract including material, equipment and working at house STT	24-11-2023		0	0	0	0	2,00,00
112	REGULAIR LTD	NTPC	17-10-2024		0	4,40,70	4,40,70	1,00,00,00	1,00,00,00
113	M. S. ENGINEERS	Panel & Equipment for Telecommunication Support work at Shree Hanu Station for Telecommunication of House STT	02-08-2023		0	0	0	0	0

Statement of Utility Flow

Name of the Facility: WPC Limited
Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with schedule III for 2024-25	Contracted PPA operation	Discharge during the year 2024-25		Total Discharge	Undischarged Liability as on 31.03.2025
						By payment	By reversal		
124	CH2M HILL	Construction of 66kV D/S line from 110kV line upto for 1km as being	01-08-2019		0	0	0	0	0
125	DEFINER CONSTRUCTION	Construction of approach road across railway track in Chaga Thana	21-05-2024		0	0	0	0	0
126	WPC LTD	Defense Source Fee	17-01-2020		0	1,80,000	0	1,80,000	0
127	LIMITED BUSINESS	Construction of Road & 110kV Lines in Part New Stage 1 WPC Thana	2019-27		0	0	0	0	0
128	LIMITED BUSINESS	Construction of Balance Beam, Drums and Gate Control Housing Internal Electrification at Thana Thana WPC	2019-27		0	0	0	0	0
129	ANAR ENGINEERS & CONSULTANTS	Construction of Parabolic Dams & Retention in 66kV Thana	2019-27		0	0	0	0	0
130	RAJESH ACQUISITION	ACQUISITION AT 110KV SUBSTATION WPC Thana	2019-27		0	0	0	0	1,21,000
131	S-TRAINER CONSTRUCTION PVT LTD	Construction of Approach Road from 110kV Sub to 66kV Sub at Thana Thana	2019-27		0	0	0	0	0
132	SAADAH MACHINERY WORKS	EXTERNAL WATER SUPPLY FOR DEVELOPMENT AT WPC Thana WPC	2019-27		0	0	0	0	0
133	SHOUBH FOUNDATION	Founding and Piling Foundation, Water Galleries, Grouting, Retention, etc.	2019-27		0	0	0	0	0
134	A N ENGINEERING	Construction of 110kV Driveway from 110kV to 66kV Substation, 110kV to 66kV	2019-27		0	0	0	0	0
135	M A ENGINEERING	Construction of Form and Shoring Work in Auditorium Building	2019-27		0	0	0	0	0
136	RAINBOW ENGINEERING	High Point & 110kV D/S Thana	2019-27, 2024-25		0	0	9,00,000	9,00,000	9,74,140
137	S-TRAINER CONSTRUCTION PVT LTD	Water Pumps, Cut, Piling & Work at 110kV, WPC Thana Thana	2019-27		0	0	0	0	0
138	S-TRAINER CONSTRUCTION PVT LTD	Design & Installation of 110kV D/S at 110kV Substation Thana Thana	2019-27		0	0	0	0	0
139	GLOBAL BUSINESS PVT LTD	HOUSE SUPPORT FOR 110KV LINE UP TO 110KV	2019-27		0	0	0	0	0
140	MOOJALOOE TECHNOLOGIES PVT LTD	Two (Two) meters in digital form from 110kV, 66kV, 110kV, 66kV, 110kV, 66kV	2023-24		0	0	0	0	0
141	SHARAT KUMAR SUTHERLAND LTD	TURBINE OPERATOR UNIT 2	2020-23		40,000	0	0	0	41,21,000
Sub-total (claimed items) per Order dated 24.03.2024 in 20/MP/2024 (4,335/07/2024)				0	11,00,000	7,87,27,700	1,14,76,000	9,00,00,000	21,00,00,200
6. Claimed items									
1	SIEMENS LTD	Automatic Generation Control	2019-20		0	0	0	0	0
2	TRF LTD	TRF Electrical Pumps	2019-20		0	0	0	0	0
3	MS INFORMATION SYSTEMS	SCADA System, Thermal Protection System	2019-20		0	0	0	0	0
4	SAATCHI INFORMATION SYSTEMS	Three (Three) Stage Pumps for Air Cooling System	2019-20		0	0	0	0	0
5	DELTA ENGINEERING	UNIT 2 110KV D/S, 110KV AIR CAPACITY & BATTERY BANK	2019-24		0	0	0	0	0
Sub-total (claimed items) @ 110kV WPC				0	0	0	0	0	0
7. Disallowed items/ items not claimed									
1	TRF & CONSULTANTS	Capital Grant	2019-23		11,00,000	0	0	0	0
2	SHOUBH FOUNDATION ELECTRICITY LTD	110KV D/S	2019-24		0	1,00,000	0	1,00,000	60,00,000
3	SHOUBH FOUNDATION ELECTRICITY LTD	110KV D/S	2019-24		0	0	0	0	0
4	SHOUBH FOUNDATION ELECTRICITY LTD	110KV D/S 110KV D/S 110KV D/S 110KV D/S 110KV D/S 110KV D/S	2019-24		0	0	0	0	9,00,000

Statement of Liability Flow

Name of the Employer: WTC Limited
Name of the Generating Station: Maitland

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with provision for 2019-20	Contractor's 2019-20 expense	Discharge during the year 2019-20		Total discharge	Unutilized liability as on 31.03.2020
						By payment	By reversal		
2	TRU LTD	Procurement of Fuelys	2017-18		0			0	0
3	SAUT TURBO INDUSTRY PVT LTD	Supply of Spare Parts (spare)	2017-18		0	0	0	0	0
7	ORIENTAL SOLARTECH INDIA PRIVATE LTD	Procurement of Solar Panels for SCPE	2017-18		0	0	0	0	0
8	WIPAC & THERMO LAB FOR ENVIRONMENTAL CONTROL LIMITED	Procurement of Microbial Nutrients for WPF System	2017-18		0	0	0	0	0
10	TEKRA SOLUTIONS PRIVATE P.A.	PROCUREMENT OF SPEED REDUCER MOTOR FOR GAN FOR MOUND	2017-18		0	0	0	0	0
11	WIPAC ENGINEERING PVT LTD	Spares for Pumping for WTC House System	2018-19		0	0	0	0	0
12	WIPAC ENGINEERING PRIVATE LIMITED	Spares FOR PUMPING AND PUMP REPAIRS/REPLACEMENT	2019-20		0	1,62,000	0	1,62,000	0
13	SHARAT HEAVY ELECTRICALS LTD	WIND TURBINE MOTOR ASSEMBLY, 100000	2019-20	1,34,75,000				0	1,34,75,000
14	SHARAT HEAVY ELECTRICALS LTD	VACUUM PUMP SIZE 17000 MAKE	2019-20	80,00,000				0	80,00,000
15	SHARAT HEAVY ELECTRICALS LTD	VACUUM PUMP SIZE 17000 MAKE	2019-20	80,00,000				0	80,00,000
16	ROBINSON LTD	Spares of Generator main	2019-20						
17	RAJIV SOKAL SOLUTIONS PVT LTD	Leakages Pumps/Leak in Stage 1 2019-20	2019-20						
18	RAJIV SOKAL SOLUTIONS PVT LTD	Leakages Pumps/Leak in Stage 2 2019-20	2019-20						
19	KORSE GREENHILL PVT LTD	ACU VOLTAGE TEST FOR STAGE 2 MOTOR	2019-20						
20	SHR. MARK MFG WORKS	SHR. MARK MFG WORKS	2019-20						
21	COMPLUTE (INDIA) PVT. ACTUATOR S&S (INDIA)	COMPLUTE (INDIA) PVT. ACTUATOR S&S (INDIA)	2019-20						
22	YATE ASSEMBLY & SERVICE GROUP	YATE ASSEMBLY & SERVICE GROUP	2019-20						
24	MACHIND U-2800HS ENGINE AND OTHER SPARE	MACHIND U-2800HS ENGINE AND OTHER SPARE	2019-20						
25	MACHIND KOL FOR 19F 1000	MACHIND KOL FOR 19F 1000	2019-20						
26	MACHIND U-2800HS ENGINE AND OTHER SPARE	MACHIND U-2800HS ENGINE AND OTHER SPARE	2019-20						
27	MACHIND U-2800HS ENGINE AND OTHER SPARE	MACHIND U-2800HS ENGINE AND OTHER SPARE	2019-20						
28	MACHIND U-2800HS ENGINE AND OTHER SPARE	MACHIND U-2800HS ENGINE AND OTHER SPARE	2019-20						
29	SPY INDUSTRIES PRIVATE	SPY INDUSTRIES PRIVATE	2019-20						
30	TRIPUR S&S SERVICE	TRIPUR S&S SERVICE	2019-20						
31	MACHIND KOL FOR 19F 1000	MACHIND KOL FOR 19F 1000	2019-20						
32	VACUUM PUMP SIZE 17000 MAKE	VACUUM PUMP SIZE 17000 MAKE	2019-20						

Statement of Utility Flow

Name of the Facility: WPC Limited
 Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with contract for 2020-21	Contractor's 2020-21 payment	Discharge during the year 2020-21		Total discharge	Unutilized liability as on 31.03.2021
						By payment	By reversal		
01	THIRD THIRD CARD (2020-21)	THIRD THIRD CARD (2020-21)	2020-21						
		Sub-Total (Unallocated items / Items not claimed)		\$ 54,96,000	-\$ 36,76,000	\$ 18,20,000	\$ -	\$ 18,20,000	\$ 36,76,000
		Total allowed @ normal ACD		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Total Disputed @ Normal ACD		\$ -	-\$ 36,76,000	\$ 18,20,000	\$ 18,56,000	\$ 18,56,000	\$ 18,20,000
		Total allowed / claimed		\$ -	-\$ 36,76,000	\$ 18,20,000	\$ 18,56,000	\$ 18,56,000	\$ 18,20,000
		Total not allowed / not claimed		\$ 54,96,000	-\$ 36,76,000	\$ 18,20,000	\$ -	\$ 18,20,000	\$ 36,76,000
		Grand Total		\$ 54,96,000	-\$ 36,76,000	\$ 18,20,000	\$ 18,56,000	\$ 36,76,000	\$ 54,96,000

Statement of Utility Work

Name of the Employer: WTPC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in original statement as at 31/03/20	Contracted with supplier	Discharge during the year 2020-21		Total discharge	Unsettled liabilities as at 31.03.2021
						payable	received		
1		Not work eligible for capitalization							
2		Allowed items (As per Order dated 01.04.2020 to 31/03/2021 to 28/01/2021)							
3	E N WASH	MITSUBISHI ROAD TO KANDHARI & ROAD	2012-13						
4	LAMPSON MACHINES LTD	AXIS	2012-13			11,24,174	20,00,000	14,75,826	2,14,441
5	SO ENGINEERING INDIA PVT LTD	Oil work in AHU package	2012-13					0	0
6	TRC LTD	Coal Handling Plant	2012-13					0	0
7	SPRINK WATER ENGINEERING LTD	Condensate Picking Plant	2012-13					0	0
8	SUPPLY LINE ENGINEERING	CONSTRUCTION OF ACCESS & CENTRAL STATION BUILDING	2012-13					0	8,81,000
9	SHUKTI ENGINEERING PVT LTD	CONSTRUCTION OF STEEL BODY IN TRANSFER AREA	2012-13					0	0
10	S. NARAYAN CONSTRUCTION PVT LTD	CONSTRUCTION OF 3-THIR QUARTERS- 02 BLOCKS (ONE ONE) INCLUDING INTERNAL ELECTRIFICATION FOR FOUNDATION AT MUGDA STEEL STAGE	2012-13					0	0
11	AKASH BROTHERS TRADING CO	CONSTRUCTION OF BALANCE CHERRY ROAD IN PLANT AREA	2012-13					0	0
12	MULAY CONSTRUCTION PVT LTD	CONSTRUCTION OF BALANCE LANE OF APPROACH ROAD AT MUGDA STEEL	2012-13					0	0
13	MULAY CONSTRUCTION	Construction of Supply line & access to impact area	2012-13					0	0
14	MULAY CONSTRUCTION PVT LTD	CONSTRUCTION OF ROADWAY WALL IN FOUNDATION OF MUGDA STEEL	2012-13					0	0
15	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- 02 BLOCKS IN Quarters including internal Electrification	2012-13					0	28,24,114
16	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF 3-THIR QUARTERS- 02 BLOCKS IN QUARTERS	2012-13					0	1,00,00,000
17	SHREYASH REALTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- Level Roadside Quarters including internal Electrification	2012-13					0	18,17,000
18	A. K. SURESH	CONSTRUCTION OF ROAD IN TRANSFER AREA	2012-13					0	0
19	A. K. SURESH	CONSTRUCTION OF 7 Substation buildings & HT busbar cage building including internal Electrification	2012-13					0	0
20	A. K. SURESH	CONSTRUCTION OF 02B ADDITIONAL ROAD IN TRANSFER	2012-13					0	0
21	B. S. SHARADHA PVT LTD	CONSTRUCTION OF ROAD, STAIRS AND SLOPE CONCRETE INCLUDING INTERNAL ELECTRIFICATION AT FOUNDATION AT MUGDA STEEL	2012-13					0	86,11,100
22	AAJAY ENGINEERING & CONTRACTORS	CONSTRUCTION OF BALANCE CHERRY IN TRANSFER AREA (ONE ONE) (THREE THREE) (THREE THREE)	2012-13			3,00,000	1,00,000	2,00,000	0
23	S. NARAYAN CONSTRUCTION PVT LTD	CONSTRUCTION WORK OF BALANCE CHERRY QUARTERS- 02 BLOCKS IN QUARTERS INCLUDING INTERNAL ELECTRIFICATION AT MUGDA STEEL STAGE (1,00,00,000)	2012-13					0	0
24	NATIONAL BUILDING CONSTRUCTION	Painting Works	2012-13					0	1,00,00,000
25	PRATHNA INDUSTRIES LTD	Oil & Milk System Oil work Package	2012-13					0	0
26	POONAM PVT LTD	Oil/Water Transport package (O/S)	2012-13					0	0
27	SUPPLY LINE ENGINEERING	Replacement of electrical for impact area	2012-13					0	0
28	TRC LTD	Revised Engineering Project Management & Construction of FOUNDATION Augmentation of Transfer Station for tanks using package	2012-13					0	0

Statement of Utility Flow

Name of the Facility: WTPC Limited
Name of the Generating Station: Maitani

Sl. No.	Party Name	Name of the work	Year of creation of facility	Capacity in MW (approximate) as on 30.09.20	Contractor/EPN/Supplier	Discharge during the year 2020-21		Total Discharge	Unconsumed quantities as on 30.09.2020
						Mumbai	London		
27	SAHODARAN ENGINEERING CONSTRUCTION	STRENGTHENING OF SUB STRUCTURE FOUNDATION FOR PRE-ENGINEERED PORTABLE ACCOMMODATION	2017-18					0	0
28	MILITARY INTERNATIONAL PVT LTD	Fire Detection and Protection System Package	2017-18, 2019-20			8,00,000		8,00,000	30,54,200
29	ONE FACILITY SERVICES INDIA	HAIRING OF SERVICES OF TWO CRANES FOR A PERIOD OF ONE YEAR FROM	2017-18					0	0
30	PROJECT AUTHORITY INDIA WPC	Lease	2015-18			42,46,200		42,46,200	2,30,18,800
31	SAHODARAN ENGINEERING WORKS	Laying, drawing of fuel system & some house wire	2017-18					0	0
32	JAYSH & YOUNG LTD	IT Hardware and IT Support	2017-18					0	0
33	SPA WPC ENGINEERING LIMITED	Work Part & OP-2a and Package	2017-18, 2019-20, 2020-21					0	8,17,84,800
34	SPA WPC ENGINEERING LIMITED	Work Part & OP-2a and Package	2019-20					0	8,17,84,800
35	NATIONAL BUILDING CONSTRUCTION	Coating Towers	2018-19					0	5,500
36	SHRI HARILAKSHMI AND ASSOCIATES	DEVELOPMENT OF LAWN & GARDEN WORKS IN PLANT AREA OF STAGE-1 WTPC HOUSE	2018-19					0	1,12,400
37	Shree Raju	CONSTRUCTION OF COLLECTION, DISTRIBUTION, RETURN VALVE ROOMS	2018-19					0	0
38	Apar Engineering & Contractors	Construction of Sewerage network in plant area of Stage-1 for House EPP	2017-18					0	1,73,410
39	UNITED ENGINEERING CONSTRUCTION	Construction of Filter Race and Approaches to Substation and DCS M	2017-18					0	0
40	HEMKA CONSTRUCTIONS	Excavation, work in Stage 1 Sewerage Pipe	2019-20					0	0
41	HEMKA CONSTRUCTIONS	Waterworks work in formwork area for House EPP	2017-18					0	0
42	SHARDA ENGINEERING WORKS	Plant Rectifying work in HD area	2017-18					0	0
43	HEMKA CONSTRUCTIONS	WV Structures	2017-18					0	0
44	SHREEDHAR FACTORY PVT LTD	Payment for PWC for CONSTRUCTION OF CIVIL QUARTERS- 7 (WATER) (in Substation)	2018-19					0	0
45	SHREEDHAR FACTORY PVT LTD	Payment for PWC for Construction of 8 Type Quarters (2 Borewell) Quarters including internal Sanitation PWC No. 300000008 (in 01.08.2019)	2017-18					0	9,8200
46	SHREE LTD	PWC fee for PWC, O&M and Augmentation of Traffic station for Sewerage sewage package	2017-18					0	0
47	ABB LIMITED	Power Transformer	2017-18					0	0
48	INDOAN ENGINEERING CONSULTANTS CO. PVT. SEWER CONSULTANTS LTD	Pre Treatment Plant Package	2017-18, 2019-20					0	20,00,000
49	INDOAN ENGINEERING CONSULTANTS CO. PVT. SEWER CONSULTANTS LTD	Procurement of valve room	2017-18					0	0
50	SHREE LTD	Various Works/ Construction	2017-18					0	4,28,00,000
51	SHREEDHAR FACTORY PVT LTD	Removal of road works from "General" Road of WTPC M	2017-18					0	0
52	JAYSH & YOUNG LTD	Removal of cables and or temporary cables in SHREEDHAR, PWC, WTPC, House, ACO/EPN, coating tower etc. area for utility cable right of way & substation	2017-18					0	0
53	RAJESH LTD	MS Tank for effluent	2017-18					0	0

Statement of Utility Work

Name of the Contractor / TTC Under
Name of the Generating Station / Market

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in original agreement for 2012-13	Contracted with supplier	Discharge during the year 2012-13		Total discharge	Un-discharged liabilities as on 31.03.2013
						Amount	Amount		
22	SHARIT HEAVY ELECTRICAL LTD	SS	2012-12-2000 21.000000		2012-14				21.000000
23	ECOTEXAM ENGINE	Supply of heavy duty from Daphar Rawan Station to TTC in part	2012-12						0
24	TECHN INFRASTRUCTURE LTD	WTS UNGROUND & INFRASTRUCTURE WORKS	2012-12						0
25	WINDHINDIA PVT. LTD	STATION DE-RACKING	2012-12-2010 20						0
26	UNITECH MACHINES LTD	Station Pump	2012-12						0
27	KANDEF ELECTRICAL PVT LTD	Supply of 20 MVA High Voltage Reactor for Mousa 100 (20 MVA)	2012-12						0
28	IOC POWER TECHNOLOGIES PVT LTD	SUPPLY OF THREE CORE 33KV & 33KV AND ONE INTERACTIVE LIFE (ICWA)	2012-12						0
29	ABE LIMITED	Station cable Storage	2012-12						0
30	SHARIT HEAVY ELECTRICAL LTD	TS	2012-12-2000 20						0
31	ABE LTD	Generator Station Storage	2012-12						0
32	WINDHINDIA PVT LTD	DESIGN, SUPPLY, ERECTION, TESTING & COMMISSIONING & TESTING OF A.C. VOLTAGE TRANSFORMER	2012-12						0
33	SCORP & SONS WFS CO LTD	Procurement of Furniture for ET Hotel & Bar Room	2012-12						0
34	DEVAHINDIA PVT LTD	Procurement of Furniture for Hotel	2012-12						0
35	ET INDUSTRIES	Procurement and Filing of Tender Calling for FOD extension building & Office extension in Hotel Office	2012-12						0
36	ECOTEXAM ENGINE	Supply of PC at Station / Project at 110KV and 220KV Station	2012-12						0
37	COPTER TECHNOLOGIES PVT	Supply of Photo-voltaic Paneling, Multichannel, Cable Management, & all related to 110KV Mousa 100	2012-12						0
38	ION CONSTRUCTION	GENERAL ELECTRICAL WORKS FOR 33KV/11KV	2012-12						0
39	KAL CONSTRUCTION	ADDITIONAL DEVELOPMENT WORK IN CABLE AREA AT TTC STATION	2012-12						0
40	Shiva Group	Roofing work	2012-12						0
41	Shiva Group	CONSTRUCTION OF AIR CONDITONING PLANT AT TTC STATION	2012-12						0
42	ABE LTD	Procurement of Transformers and High Tension cables	2012-12						0
43	KALINDIA	Procurement of 11KV cables from Jind & work in All TTC STATION	2012-12						0
44	NET TECH SOLUTIONS IN LIMITED	PROFESSIONAL INSPECTION SERVICES FOR ALL UT-HEADERS IN PERIPHERAL UNIT'S TTC STATION 275KV-33KV MAND SOB	2012-12						0
45	UPULI FOUNDATION LTD	ASSIGNMENT ORDER FOR FABRICATION AND ERECTION OF STEEL STRUCTURE AND STAY	2012-12						0
46	SS CONSTRUCTION	Procurement of Transformer Pump works done during 110KV Mousa 100, 110KV, 220KV and 33KV/11KV/0.4KV	2012-12						0
47	SS CONSTRUCTION	Procurement of High Tension Cable from Jind & work in All TTC STATION	2012-12						0
48	WINDHINDIA PVT LTD	Procurement of High Tension cables from Jind, including machine, testing kit & all related work in Hotel, Jind & SOB	2012-12						0
49	WINDHINDIA PVT LTD	Procurement of High Tension Machines for 110KV, 220KV, 33KV/11KV/0.4KV	2012-12						0
50	SHARIT HEAVY ELECTRICAL LTD	Procurement for supply of 110KV/220KV/33KV/11KV/0.4KV	2012-12						0
51	PERCLARE INDIA PVT LTD	Supply of Heavy Duty's Analyser to TTC STATION	2012-12						0

Statement of Utility Flow

Name of the Employer: **HTPC Limited**
Name of the Generating Station: **Marudair**

Sl. No.	Party Name	Name of the work	Year of completion of facility	Capacity in MW/Annual generation in MWh/yr	Contracted with	Discharge during the year 2020-21		Total Discharge	Unconsumed quantities as on 31.03.2021
						Thermal	Renewable		
80	COFFRO TECHNOLOGIES PVT LTD	Supply of HVA Substation Panels for HTPC House HT	2021-18					0	0
81	Coone & Bunk VEG Co Ltd	Procurement of Furniture for OT Accommodation and Training	2022-18					0	0
82	SUNIL W TECH ENTERPRISES LTD	CONSTRUCTION OF NON-RESIDENTIAL BUILDING (PADDLE) HILL, HYDRABAD	2019-21					0	0
83	SUNIL W TECH ENTERPRISES LTD	Internal Electrification of HCP Bungalow complex (near Bangalore - 2048)	2012-13					0	0
84	POURIA GROUP PRIVATE LIMITED	Design, Construction, supply, erection, testing & commissioning of	2017-13					0	0
85	KAL CONSTRUCTION	CONSTRUCTION OF PARK (SHED) IN PLANT AREA	2012-13					0	121.80
86	S THAKUR CONSTRUCTION PVT. LTD	CONSTRUCTION OF 08 BLOCK USE HOUSE & TYPE QUARTERS FOR Boarding at	2014-13					0	0
87	Provision Technologies P.L.Ltd	SUPPLY & INSTALLATION OF 22 Nos. CCTV CAMERA FOR PROTECTION	2014-18					0	0
88	SHRI S. GOUD	HOLES BY LIGHT	18-07-2019					0	0
89	SHRI S. GOUD ELECTRICALS	WIRE FOR AND TO 12.5 P.A. FOR 1402000004	11-09-2019					0	0
90	SHRI S. GOUD ELECTRICIAN	Installation and fix wiring and thermal distribution of Power unit and HTA laboratory	03-09-2019					0	0
91	NEW LOOK ENTERPRISES	WALL PAINT & OPAQUE JOINT PAINTS	10-08-2019					0	0
92	NEW CONSTRUCTION	WALL PAINT & OPAQUE JOINT PAINTS	10-08-2019					0	0
93	NEW ELECTRICAL & CONSTRUCTION	Supply items of Part with Color of Green color, Tube Trays and Poles of 6000V	08-08-2019					0	528.00
94	NEW ELECTRICAL & CONSTRUCTION	FINISH AROUND UNIT 18 UNIT 1 FOR HTPC HOUSE SHED	01-09-2019					0	0
95	E T MAASAM	WARRANTY WORK FOR WIRING AND THERMAL DISTRIBUTION OF POWER UNIT AND HTA LABORATORY	03-09-2019					0	0
96	M & S ELECTRIC	WORK FOR FINISHING WORKS IN 1402000004	08-08-2019					0	0
97	GREEN HANU ENTERPRISES AND PROVISION	DEVELOPMENT OF LAWN & SANDY WORKS IN PLANT AREA OF SHEDS - HTPC HOUSE	19-06-2019					0	0
98	Shree Steel	CONSTRUCTION OF COAL SHEDS, CORRUGATED IRON SHEET VALUE PROVISION	09-11					0	0
99	Shree Steel	CONSTRUCTION OF FOUR WARE HOUSES SHEDS	18-11					0	112.00
100	M & S ELECTRIC	Finishing in External Surface of Control Tower	09-11-2019					0	0
101	DEL REPRESENTATION SERVICES	Removal, Grinding and chipping of material AG at location away of HVA and Bus Chasing	19-10-2019					0	0
102	LAKSHI & TOURIST LTD	Re-Wiring of control room temporary shed for HVA & SHEDS LIGHT	18-11-2019					0	0
103	LAKSHI & TOURIST LTD	Work of wiring, fire alarm through 18T, 800 nos	09-11-2019					0	0
104	E E Construction Co	Installation of Backup Diesel Generator and they shed at HTA House	2018-21					0	0
105	EDWARDIAN ENTERPRISES	INSTALLATION OF SMART SYSTEM IN 08, 18T & 8000V SYSTEM	18-09-2019					0	0
106	PROVISION TRANSMISSION LTD	Supply of Fuel Chasing for Conversion Shed of 200 kVags at HTPC HOUSE HT	02-09-2019					0	0
107	S & S INFRA PVT LTD	Re-Wiring in 18T/18T Construction of HVA, Sheds and Data Center including internal electrical work in control shed at HTPC	14-11-2019					0	433.00
108	HTPC LTD	HTPC Fee	17-10-2019			1040000		1040000	0
109	H & C CABLES PVT LTD	Phase 3 Wiring & Telecommunication System work at Thermal	01-09-2019					0	0
110	Shree Steel	Phase 3 Shed for Telecommunication of House HT						0	0

Statement of Utility Flow

Name of the Facility: WPC Limited
 Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of facility	Capacity in MW (actual/estimated in 2022-23)	Contracted kWh generation	Discharge during the year 2022-23		Total discharge	Unconsumed quantities as on 31.03.2023	
						Thermal	Renewable			
124	CH2M HILL	Construction of 66kV D/S line from 110kV bus bars for 10km being	2018-19					0	0	
125	DEFENSE CONSTRUCTION	Construction of approach road across 10km track in 10km track	2018-19					0	0	
126	WPC LTD	Defense Source line	17.01.2020					0	0	
127	LIMITED BUSINESS	Construction of Road & 110kV Lines in Part New Stage WPC	2018-17					0	0	
128	LIMITED BUSINESS	Construction of Balance Plant, Transformer, Data Center housing Internal Distribution at Tumbala House WPC	2018-17					0	0	
129	RAJESH PARTHAK & COMPANY	Construction of Parabolic Solar & Heliohelix in 10km track	2018-17					0	0	
130	RAJESH PARTHAK & COMPANY	ACQUISITION OF 100 ACRES 10000 SQM	2018-17					0	121.800	
131	S TRAINER CONSTRUCTION PVT LTD	Construction of Approach Road from 110kV Bus Bar to 66kV Bus Bar at Tumbala area	2018-17					0	0	
132	RAJESH PARTHAK & COMPANY	EXTERNAL WATER SUPPLY FOR 10KM TRACK AT 10000 SQM	2018-17					0	0	
133	RAJESH PARTHAK & COMPANY	Foundry and Milling Plant, Water, Gases, Gases, Milling, Milling	2018-17					0	0	
134	A K SHARMA	Expansion of 110kV Line from 110kV Bus Bar to 110kV Bus Bar	2018-17					0	0	
135	M A RAJESH	Construction of 110kV and 66kV Line in Kumbhara Building	2018-17					0	0	
136	RAJESH PARTHAK & COMPANY	High Power & 110kV Line	2018-17, 2019-20					0	873.000	
137	S TRAINER CONSTRUCTION PVT LTD	Water Piped Out from 10km track WPC House Tumbala	2018-17					0	0	
138	S TRAINER CONSTRUCTION PVT LTD	Supply & Installation of 110kV and 66kV Line from 10km track to 10km track	2018-17					0	0	
139	GLOBAL BUSINESS PVT LTD	HOUSE SUPPORT FOR 10000 SQM 10000	2018-17					0	0	
140	INDIA COAST TECHNOLOGIES PVT LTD	Two (Two) 10000 sqm from 10000 SQM, 10000 sqm (10000 sqm)	2017-18					0	0	
141	SHARAD PARTHAK & COMPANY	TRANSFORMER UNIT 2	2018-18					0	47.100	
Sub Total (claimed items) per Order dated 14.03.2023 (14/03/2023) (1.33/01/2023)					0	61.71,140	1,80,96,371	1,36,100	1,80,96,300	15,70,30,000
62 Claimed items										
1	SIEMENS LTD	Automatic Generation Control	2018-18					0	0	
2	HPV LTD	HPV Electrical Pumps	2018-18					0	0	
3	MS INTERNATIONAL SYSTEMS	MS International Thermal Power System	2018-18					0	0	
4	SAATHI ELECTRICALS & WIRE	Three Sets High Voltage for Air Cooling System	2018-18					0	0	
5	DELTA ELECTRIC	UNIT 2 10000 SQM, 10000 AN CAPACITY BATTERY BANK	2018-18					0	0	
Sub Total (claimed items) @ 10000 SQM					0	0	0	0	0	
63 Unconsumed items/ items not claimed										
1	HPV & COMPANY	Control Panel	2018-18					0	0	
2	SHARAD PARTHAK & COMPANY	10000 SQM	2018-18					0	84,41,400	
3	SHARAD PARTHAK & COMPANY	10000 SQM	2018-18					0	0	
4	SHARAD PARTHAK & COMPANY	10000 SQM 10000 SQM 10000 SQM 10000 SQM 10000 SQM	2017-18					0,00,000	0,00,000	

Statement of Liability Flow

Name of the Employer: WTC Limited
 Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in original agreement for 2020-21	Contracted 4th quarter	Discharge during the year 2020-21		Total discharge	Unabated liability as on 31.03.2021
						Physical	Financial		
1	TRU LTD	Procurement of Fuel	2017-18					0	0
2	SAVI TURBO INDUSTRY PVT LTD	Supply of Spare Parts (Spare)	2017-18					0	0
3	ORIENTAL ELECTRIC INDUSTRY	Procurement of Spare Parts for SPNE	2017-18					0	0
4	WIPAC & THERMO LAB FOR OIL CONTROL LIMITED	PROCUREMENT OF SUPPLIES FOR OIL CONTROL	2017-18					0	0
5	THE HULL ROYSTER ENTERS P.A.	PROCUREMENT OF SPEED REDUCERS FOR GANTRY CRANES	2017-18					0	0
6	WIPAC ENGINE PVT LTD	Spares for Fuel for WTC House Boiler	2018-19					0	0
7	WIPAC ENGINE PVT LTD	Spares for Diesel Oil and Fuel (Spare)	2018-19					0	0
8	WIPAC ENGINE PVT LTD	SPARE PARTS FOR ASSEMBLY (WTC)	2018-19			9,28,74,000	9,28,74,000		0
9	WIPAC ENGINE PVT LTD	VACUUM PUMP FOR 17000 KW	2018-19			87,80,000	87,80,000		4,32,70,000
10	WIPAC ENGINE PVT LTD	VACUUM PUMP FOR 17000 KW	2018-19			40,75,100	40,75,100		0
11	ROBINSON LTD	Spares of Diesel Pumps	2018-19	1,21,500				0	1,21,500
12	RAJAPUR SOLUTIONS PVT LTD	Leakage Pumps for WTC House	2018-19	1,38,000				0	1,38,000
13	RAJAPUR SOLUTIONS PVT LTD	Leakage Pumps for WTC House	2018-19	1,38,000				0	1,38,000
14	KORSE WAREHOUSE PVT LTD	ACUUM PUMP FOR 17000 KW	2018-19	20,00,000				0	20,00,000
15	SHR. MARK MFG WORKS	SHR. MARK MFG WORKS	2019-20						
16	COMPLUTE (INDIA) LTD	COMPLUTE (INDIA) LTD ACTUATOR FOR 17000 KW	2019-20						
17	WIPAC ENGINE PVT LTD	WIPAC ENGINE PVT LTD	2019-20						
18	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
19	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
20	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
21	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
22	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
23	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						
24	SPC INDUSTRIES	SPC INDUSTRIES	2019-20						
25	TRIPURA POWER	TRIPURA POWER	2019-20						
26	MACHIND U-28000 KW	MACHIND U-28000 KW AND OTHER SPARE	2019-20						

Statement of Utility Flow

Name of the Facility: WTPC Limited
 Name of the Generating Station: Maitav

Sr. No.	Party Name	Name of the work	Year of creation of liability	Capacity of generator (approximate) in MW	Contracted kWh generation	Discharge during the year 2020-21		Total discharge	Unconsumed quantities as on 31.03.2021
						Physical	Financial		
01	THIRD THIRD CARD (200-200)	THIRD THIRD CARD (200-200)	2020-21						
		Total (Unconsumed items) Items not claimed		27,85,894	0	832,68,708	0	832,68,708	8,26,94,367
		Total allowed @ normal 80%		0	27,79,140	3,66,25,071	1,85,128	3,68,10,299	71,71,82,898
		Total (Unconsumed & normal 80%)		0	27,79,140	3,66,25,071	1,85,128	3,68,10,299	71,71,82,898
		Total (Unconsumed & normal 80%)		27,85,894	0	832,68,708	0	832,68,708	8,26,94,367
		Total Total		27,85,894	27,79,140	836,34,779	1,85,128	838,19,907	79,98,77,196

Statement of Liability Flow

Name of the Employer: WPC Limited
Name of the Generating Station: Maitav

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with provision No. 2002-04	Contracted EPC value	Settlement during the year 2022-23		Total Discharge	Unsettled liability as on 31.03.2024
						Payment	Interest		
1		Not settled against for contractual							
2		Allowed terms (As per Order dated 05.04.2024 in 22/07/2023 in 25/01/2024)							
3	E N WASH	MITROSH ROAD TO KANDHARI & ROAD	2012-13						
4	LANSCH MACHINES LTD	AXIS	2012-13						2140.0
5	SO ENGINEERS INDIA PVT LTD	Oil work in AHF package	2012-13						
6	TRC LTD	Coal Handling Plant	2012-13						
7	SHRIJI WATER ENGINEERING LTD	Condensate Polishing Plant	2012-13						
8	SUP PLUMER ENGINE	CONSTRUCTION OF ACCESS & CENTRAL STATION BUILDING	2012-13						88.0
9	SHRIJI ENGINEERING PVT LTD	CONSTRUCTION OF STEEL BODY IN TRANSFER AREA	2012-13						
10	S. NARAIN CONSTRUCTION PVT LTD	CONSTRUCTION OF 3-7 FIRE QUARTERS- 02 BLOCKS (WATER TOWER INCLUDING INTERNAL ELECTRIFICATION FOR FOUNDATION AT MOUDA STEEL STAGE)	2012-13						
11	AKASH ENGINEERS TRIPURBARI	CONSTRUCTION OF BALANCE CRIBS ROAD IN PLANT AREA	2012-13						
12	MAJAL CONSTRUCTION PVT LTD	CONSTRUCTION OF BALANCE CRIBS OF MITROSH ROAD IN MOUDA STEEL	2012-13						
13	MAJAL CONSTRUCTION	Construction of Supply line & tanks in Transfer Area	2012-13						
14	MAJAL CONSTRUCTION PVT LTD	CONSTRUCTION OF BLOCKS IN WALL IN FOUNDATION OF MOUDA STEEL	2012-13						
15	SHREYASH REACTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- 02 BLOCKS IN Quarters including internal Electrification	2012-13			2771.74	144.14		10822.8
16	SHREYASH REACTORS PVT LTD	CONSTRUCTION OF 3-7 FIRE QUARTERS- 03 BLOCKS IN QUARTERS	2012-13			189.78	128.72		10247.28
17	SHREYASH REACTORS PVT LTD	CONSTRUCTION OF Pysa Quarters- Level- 02 Quarters Quarters including internal Electrification	2012-13			4649.81	4649.81		21724.88
18	A. K. SARKAR	CONSTRUCTION OF WELLS IN TRANSFER AREA	2012-13						
19	A. K. SARKAR	CONSTRUCTION OF 17 SUBSTATION BUILDINGS & HT BUSBAR INCLUDING internal Electrification	2012-13						
20	A. K. SARKAR	CONSTRUCTION OF 02 ADDITIONAL HEADS IN TRANSFER	2012-13						
21	B. S. SHARMA PVT LTD	CONSTRUCTION OF ROAD, STAIRS AND SLOPE CONCRETE INCLUDING INTERNAL ELECTRIFICATION AT FOUNDATION AT MOUDA STEEL	2012-13			2114.9	101.87		1001.94
22	AAJAY ENGINEERS & CONTRACTORS	CONSTRUCTION OF STORAGE TANKS IN TRANSFER AREA (WATER TOWER) (WATER TOWER)	2012-13						
23	S. NARAIN CONSTRUCTION PVT LTD	CONSTRUCTION WORK OF BALANCE CRIBS 3-7 FIRE QUARTERS 02 BLOCKS IN QUARTERS INCLUDING INTERNAL ELECTRIFICATION AT MOUDA STEEL STAGE (WATER TOWER)	2012-13						
24	NATIONAL BUILDING CONSTRUCTION	Painting Towers	2012-13			24425.74	24425.74		2011.44
25	PRATHA INDUSTRIES LTD	Oil & Milk System Oil work Package	2012-13						
26	POSHAKO PVT LTD	Oil/Water Transport system P&ID	2012-13						
27	SUP PLUMER ENGINE	Replacement of electrical for transfer STEEL	2012-13						
28	WPC LTD	Design Engineering Project Management & Construction of FOUNDATION & Augmentation of Transfer Station for tanks using package	2012-13						

Statement of Liability Flow

Name of the Contractor / EPC Under
Name of the Generating Station / Module

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in contractual obligation for 2022-23	Contracted EPC obligation	Settlement during the year 2022-23		Total Discharge	Unsettled liability as on 31.03.2024
						Payable	Received		
27	SALUDHAN ENGINEERING CONSULTANTS	STRENGTH OF THE STRUCTURE FOUNDATION FOR PPA PROJECTED FORBES ACCOMMODATION	2022-23						0
28	MSI STORES INTERNATIONAL PVT LTD	Fire Detector and Protection System Package	2022-23, 2023-23						26621.31
29	ONE FACILITY SERVICES INDIA	HAULING OF SERVICES OF TWO CRANES FOR 4 PERIODS OF ONE YEAR PERIOD	2022-23						0
30	PROJECT AUTHORITY BHEL CO. LTD	Land	2022-23			19,3347.00	19,3347.00	19,3347.00	37,11,083.00
31	SOHNIKA SHILPAMINI WORKS	Laying of cable in full stretch & some house area	2022-23						0
32	JALSH & JALSH LTD	IT Infrastructure and IT Support	2022-23						0
33	BHARA ENGINEERING LIMITED	Water Pans & Drains and Package	2022-23, 2023-23, 2023-24						37,32,435.66
34	BHARA ENGINEERING LIMITED	Water Pan & Drains and Package	2023-23						1,33,229.84
35	NATIONAL BUILDERS CONSTRUCTION	Coating Towers	2022-23						1,33,229.84
36	SHRI SRIHARIBABU AND ASSOCIATES	DEVELOPMENT OF LAWN & GARDEN WORKS IN PLANT AREA OF STAGE-I, NTPC KOURA	2022-23			1944	1944	1944	0
37	Shree Rajee	CONSTRUCTION OF COLLECTION, DISTRIBUTION, TREATMENT PLANT	2022-23						0
38	Amer Engineers & Contractors	Construction of Sewerage network in plant area of Stage-I for House EPR	2022-23			11387	11387	11387	0
39	UNITED ENGINEER CONSTRUCTION	Construction of Factor Road and Approach to Substation and DPC M	2022-23						0
40	HORNA CONSTRUCTIONS	Excavation, works in Stage-I, Bhopal High	2022-23						0
41	HORNA CONSTRUCTIONS	Maintenance work in township area for House EPR	2022-23						0
42	SHARDHJI ENTERPRISES	Water Rectification unit in HSE area	2022-23						0
43	MIDKURA ENTERPRISES PRIVATE LIMITED	ITV Substation	2022-23						0
44	SHREERAM FACTORY PVT LTD	Payment for PDC for CONSTRUCTION OF CIVIL WORKS- 7 PDC'S (in township)	2022-23						0
45	SHREERAM FACTORY PVT LTD	Payment for PDC for Construction of 3 Flyovers @ Borewells/200 capacity, including internal road/footpath. PDC No. 300000038 dt 21-08-2022	2022-23			62331	62331	62331	0
46	BHEL LTD	PDC No for RFL/DSE and Augmentation of Drainage station for Borewell water supply	2022-23						0
47	CEB LIMITED	Water Transformer	2022-23						0
48	INDIAN OVERSEAS ENGINEERING CO. LTD	Fly Treatment Plant Package	2022-23, 2023-23						220,000.00
49	SEWAGE COMMUNICATIONS LTD	Procurement of submersible	2022-23						0
50	BHEL LTD	Tanaka, Sump, Construction	2022-23			21,04,079.40	21,04,079.40	21,04,079.40	1,10,40,000.00
51	SHWASHI ENTERPRISES	Removal of mosquitoes from "gullies" flow of GNDWs	2022-23						0
52	JALSH & JALSH LTD	Renovation of cable way in township area in SHRI DASH, PDC, NTPC, BHEL, ACOSEPH, coating tower etc. area for water supply job & augmentation	2022-23						0
53	KALU RAO	MS Tank for site	2022-23						0

Statement of Utility Flow

Name of the Facility: WTC Under
Name of the Generating Station: Nantux

Sr. No.	Party Name	Name of the work	Year of completion of activity	SAGI/IN work order registration No. 2022-23	Estimated ENV. violation	Discharge during the year 2022-23		Total Discharge	Uncharged location as on 31.03.2023
						Wastewater	Sludge		
31	SHARAT HEAVY ELECTRICALS LTD	SS	2022-03-2022-03-22		2022-03-22	1000000.0		2022-03-22	0.000
32	ECOTEXXAM ENGINEERING	Supply of heavy items from Gharolha Rawar Station to WTC in part	2022-03					2022-03-22	0.000
33	TECHNICAL INFRASTRUCTURE LTD	WTS UNGROUND & INFRASTRUCTURE WORKS	2022-03					2022-03-22	0.000
34	WINDERS INDIA PVT. LTD	STATION DE-SULPHURIZ	2022-03-2022-03-22					2022-03-22	0.000
35	LATTECH MACHINES LTD	Station Pump	2022-03					2022-03-22	0.000
36	KANDEEP ELECTRICALS PVT LTD	Supply of 20 MVA High Voltage Switch for WTC (20 MVA)	2022-03					2022-03-22	0.000
37	IOC POWER TECHNOLOGIES PVT LTD	SUPPLY OF INSULATED CABLES & JUNCTION AND LINE INTERFERENCE WTC (ICMVA)	2022-03					2022-03-22	0.000
38	AAKSHIT LTD	Station area Storage	2022-03					2022-03-22	0.000
39	SHARAT HEAVY ELECTRICALS LTD	TS	2022-03-2022-03-22		2022-03-22			2022-03-22	1000000.000
40	ARE LTD	Generator Station Storage	2022-03					2022-03-22	0.000
41	WINDERS INDIA PVT LTD	DESIGN, SUPPLY, ELECTRICAL TESTING & COMMISSIONING & TESTING OF A.C. LINE INTERFERENCE WTC	2022-03					2022-03-22	0.000
42	WINDERS & SONS WTC CO LTD	Procurement of Furnace for ST Water & Sulphur	2022-03					2022-03-22	0.000
43	DELTA INDIA PVT LTD	Procurement of cables (20 MVA)	2022-03					2022-03-22	0.000
44	ET INDUSTRIES	Procurement and Piling of Piles at Gharolha Rawar Station including & Other adjacent to Piled Office	2022-03					2022-03-22	0.000
45	ECOTEXXAM ENGINEERING	Supply of WTC at Gharolha Rawar Station and ONGC Storage	2022-03					2022-03-22	0.000
46	COPTING TECHNOLOGIES PVT LTD	Supply of High Voltage PILING, MUDROCKING, CEMENT PILING, PILING & ALL PILING TO WTC STATION	2022-03					2022-03-22	0.000
47	CONSTRUCTION	INTERNAL ELECTRIFICATION OF STATION	2022-03					2022-03-22	0.000
48	KAL CONSTRUCTION	ADDITIONAL CONSTRUCTION WORK IN STATION AREA AT WTC	2022-03					2022-03-22	0.000
49	Shree Ram	Masonry, etc	2022-03					2022-03-22	0.000
50	Shree Ram	CONSTRUCTION OF AIR CONDITONING PLANT AT WTC STATION	2022-03					2022-03-22	0.000
51	WINDERS INDIA PVT LTD	Procurement of Transformers and High Voltage Insulators	2022-03					2022-03-22	0.000
52	KALCON	Procurement of WTC cables from Unit 1 & Unit 2 at WTC STATION	2022-03					2022-03-22	0.000
53	WINDERS INDIA PVT LTD	ADDITIONAL INSPECTION SERVICES FOR 20 MVA HEADERS IN STATION AREA AT WTC STATION STATION (20 MVA) STATION	2022-03					2022-03-22	0.000
54	UPULI FOUNDATION LTD	ASSIGNMENT ORDER FOR FABRICATION AND ERECTION OF STEEL STRUCTURE AND STAY	2022-03					2022-03-22	0.000
55	EE CONSTRUCTION	Construction of Secondary Piling works along Gharolha Rawar Station, Gharolha Rawar and Gharolha Rawar Station	2022-03					2022-03-22	0.000
56	EE CONSTRUCTION	Foundation works along Gharolha Rawar Station & Gharolha Rawar Station	2022-03					2022-03-22	0.000
57	WINDERS INDIA PVT LTD	Procurement of High Voltage cables from Gharolha Rawar Station, Gharolha Rawar Station & Gharolha Rawar Station (20 MVA)	2022-03					2022-03-22	0.000
58	WINDERS INDIA PVT LTD	Procurement of HIGH VOLTAGE MACHINES FOR STATION, WTC STATION (20 MVA)	2022-03					2022-03-22	0.000
59	SHARAT HEAVY ELECTRICALS LTD	Procurement for supply of 20 MVA WTC STATION (20 MVA)	2022-03					2022-03-22	0.000
60	WINDERS INDIA PVT LTD	Supply of Heavy Cable Analysis to WTC STATION	2022-03					2022-03-22	0.000

Statement of Liability Flow

Name of the Employer: HITEC Limited
Name of the Generating Station: Maitavai

Sl. No.	Party Name	Name of the work	Year of creation of liability	Liability in accordance with the legislation for 2022-23	Outstanding liability as per the legislation	Settlement during the year 2022-23		Total Discharge	Unsettled liability as on 31.03.2024	
						Payment	Interest			
80	COFFED TECHNOLOGIES PVT LTD	Supply of HVA Substation Panels for HITEC HOUSE STT	2022-19							
81	Coome & Binks VEG CO LTD	Procurement of Furniture for OT Accommodation and Training	2022-19							
82	SUNIL W TECH ENTERPRISES LTD	CONSTRUCTION OF NON-ESSENTIAL BUILDING (PADUABHI) HVA, HVBUILD	2024-07							
83	SUNIL W TECH ENTERPRISES LTD	Internal Electrification of HOP Bungalow package (near Bungalow + 2ndF)	2022-19							
84	POUNCE GROUP PRIVATE LIMITED	Design, Construction, supply, erection, testing & commissioning of	2022-19							
85	KAL CONSTRUCTION	CONSTRUCTION OF PARIKUSHEDHIN PLANT AREA	2022-19						14.00	
86	S. THAKUR CONSTRUCTION PVT. LTD	CONSTRUCTION OF 28 BLOCK USE HOUSE TYPE QUARTERS FOR Maitavai at	2022-19							
87	Innovation Technology P.L.L.D	SUPPLY & INSTALLATION OF 22 MVA 22KV CABLE FOR INMOTION HOUSE	2022-19							
88	SHRI S. S. SONS	WIRING OF LIGHT	19-09-2023							
89	SHRI S. S. SONS ELECTRICALS	Supply for and supply of P.A. for HITEC HOUSE	11-09-2023							
90	SHRI S. S. SONS ELECTRICALS	Installation and wiring and internal electrification of Para 2nd and 3rd floor	09-09-2023							
91	NEW LOOK ENTERPRISES	WALL PAINT & CEILING JOINT PAINTING	19-09-2023							
92	NEW CONSTRUCTION	WALL PAINT & CEILING JOINT PAINTING	19-09-2023							
93	NAIR ELECTRICALS & CONTRACTORS	Supply of items of Part 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000								

Statement of Utility Flow

Name of the Facility: WPC Limited
 Name of the Generating Station: Maitland

Sr. No.	Party Name	Name of the work	Year of creation of facility	LADDY/HI weighted regeneration for 2022-23	Connected DTR capacity	Discharge during the year 2022-23		Total Discharge	Unutilized capacity as on 31.03.2023
						Water	Power		
124	CHINA WPC	Construction of 2nd DTR from 1st DTR for 2nd DTR	07-08-2019						
125	DEFENSE CONSTRUCTION	Construction of approach road across railway track in Chaga Thana	21-05-2024						
126	DEFENSE	Defense Source Fee	17-01-2020						
127	LIMITED & LADDY	Construction of Road & HD Dams in Part New Stage WPC Roads	2024-07						
128	LIMITED & LADDY	Construction of Balance Beam, Drums and Gate Control Housing Internal Rehabilitation at Turbine House WPC	2024-07						
129	Water Engineers & Contractors	Construction of Parabolic Crane & Pathways in 2nd House	2024-07						1.4
130	RAJESH ACQUISITION	ACQUISITION AT 1st DTR HOUSE WPC	2024-07			1.994		12.98	
131	S-Transfer Construction Pvt Ltd	Construction of Approach Road from DTR Type Book to 2nd House 2nd at Turbine house	2024-07						
132	RAJESH ACQUISITION	INTERNAL WATER SUPPLY FOR TURBINE AT WPC WPC	2024-07						
133	SHREE FOUNDATION	Foundation and Ring Foundation Water Control, Ganga Kidder Nagar	2024-07						6.25
134	A N Enterprises	Expansion of HD Drilling from 1st to HD Drilling 1 Top DTR House	2024-07						
135	M A BUILDERS	Construction of Pond and Dams Work in Kusthurnam Building	2024-07						
136	RAINBOW ENGINEERS	High Point & 2nd DTR House	2024-07-2024-08			874.467		874.467	
137	S-Transfer Construction Pvt Ltd	Water Piped Out from 2nd House WPC WPC House Turbine	2024-07						
138	S-Transfer Construction Pvt Ltd	Supply & Installation of 2nd House HD Drilling at 2nd House of WPC	2024-07						
139	GO-BUILT BUSINESS PVT LTD	HOUSE SUPPORT FOR 2ND HOUSE WPC	2024-07						
140	INDUCLIGHT TECHNOLOGIES PVT LTD	Two (Two) units in digital form from SACME, Ganga Housing Station	2023-12						
141	SHREE FOUNDATION	TURBINE OPERATOR UNIT 2	2024-05						470388.18
Sub Total (claimed items) per Order dated 24.03.2024 (H-20/MP/2024 (H-235)/07/2024)				0	101.87,225	10,88,55,279	0	20,81,14,274	81,26,74,867
6.2 Claimed items									
1	SIEMENS LTD	Automatic Generation Control	2020-05						
2	TRF LTD	DTR External Pump	2020-05						
3	MS INFORMATION SYSTEMS	Automatic Control System Control	2023-08	200,000.00					200,000.00
4	SHREE FOUNDATION	Three DTR High Stage for HD Drilling System	2023-08		1,00,00,000				10,00,00,000
5	Defence Services	DTR 1, 2024-07, 2023 AN CAPACITY BATTERY BANK	2023-08		10,00,000				10,00,000
Sub Total (claimed items) @ 10% net RSC				2,00,00,000	0	0	0	0	2,00,00,000
6.3 Disallowed items/ items not claimed									
1	TRF & Others services	Control Panel	2020-08						
2	SHREE FOUNDATION ELECTRICALS LTD	HD STAGE	2023-08			8,00,00,000		8,00,00,000	
3	SHREE FOUNDATION ELECTRICALS LTD	HD STAGE	2023-08						
4	SHREE FOUNDATION ELECTRICALS LTD	HD STAGE 2023-08 HD Control Panel for HD Drilling of Stage 1 of Turbine WPC	2023-08						

Statement of Liability Flow

Name of the Facility: WTC Limited
 Name of the Generating Station: Milled

S. No.	Party Name	Name of the work	Year of creation of liability	Liability in book/asset registration for 2022-23	Contracted EPC/operation	Settlement during the year 2022-23		Total Discharge	Unsettled liability as on 31.03.2024
						Payment	Interest		
2	TRU LTD	Procurement of Fuel gas	2017-18						0
3	SAIT TURBO INDUSTRY PVT LTD	Supply of Spare Parts (spare)	2017-18						0
7	ORIENTAL SOLARTECH INDIA PRIVATE LTD	Procurement of Safety valve for SCPE	2017-18						0
8	WIPAC & THERMO LAB FOR ENV. CONTROL LIMITED	Supply and commissioning of cooling water filter in place of new cooling tower	2017-18						0
9		Procurement of electrical materials for UPS system	2017-18						0
10	TEKRA SOLUTIONS PRIVATE P.A.	PROVISION OF SPEED REDUCER MOTOR FOR GANTRY MOTORS	2017-18						0
11	WIPAC ENGINEERING PVT LTD	Supply of fuel gas for WTC house boiler	2018-19						0
12	WIPAC ENGINEERING PRIVATE LIMITED	Supply of spare parts for feedwater pump	2018-19						0
13	WIPAC ENGINEERING PRIVATE LIMITED	Supply of spare parts for assembly, LWR-20	2018-19						0
14	WIPAC ENGINEERING PRIVATE LIMITED	VACUUM PUMP FOR LTR-200 VARI	2018-19						4873.39
15	WIPAC ENGINEERING PRIVATE LIMITED	VACUUM PUMP FOR LTR-200 VARI	2018-19						0
16	ROBINSON LTD	Supply of spare parts	2018-19						1188.24
17	KAJAL DIGITAL SOLUTIONS PVT LTD	Leads for Research work in Stage 1 & 2023-24	2019-20			14000		14000	0
18	KAJAL DIGITAL SOLUTIONS PVT LTD	Leads for Project work in Stage 1 & 2023-24	2019-20			14000		14000	0
19	KORSE GREENHILL PVT LTD	Supply of spare parts for main engine	2019-20			110000		110000	0
20	SHR. MARKING SYSTEMS	SHR. MARKING SYSTEM	2019-20	25.17					25.17
21	COMPLUTE (INDIA) PRIVATE LIMITED	COMPLUTE (INDIA) PRIVATE LIMITED	2019-20	20.00					20.00
22	WAVE ANIMATION & DESIGN SOLUTIONS	WAVE ANIMATION & DESIGN SOLUTIONS	2019-20	20.04					20.04
23	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	2019-20	11,25.00					11,25.00
24	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	2019-20	11,75.00					11,75.00
25	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	2019-20	1,00.00					1,00.00
26	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	MACHINDIA - SOUND ENGINEERING AND OTHER STAFF	2019-20	22,00.00					22,00.00
27	SPY PROFILES PRIVATE	SPY PROFILES PRIVATE	2019-20	20.00					20.00
28	TRIPURA POWER DEVELOPMENT CORPORATION	TRIPURA POWER DEVELOPMENT CORPORATION	2019-20	1,00,00.00					1,00,00.00
29	TRIPURA POWER DEVELOPMENT CORPORATION	TRIPURA POWER DEVELOPMENT CORPORATION	2019-20	1,00,00.00					1,00,00.00
30	TRIPURA POWER DEVELOPMENT CORPORATION	TRIPURA POWER DEVELOPMENT CORPORATION	2019-20	1,00,00.00					1,00,00.00
31	TRIPURA POWER DEVELOPMENT CORPORATION	TRIPURA POWER DEVELOPMENT CORPORATION	2019-20	1,00,00.00					1,00,00.00
32	WIPAC ENGINEERING PRIVATE LIMITED	VACUUM PUMP FOR LTR-200 VARI	2019-20	11,48.84					11,48.84

Statement of Quality Flow

Name of the Facility: WPC Limited
Name of the Generating Station: Maitav

Sr. No.	Party Name	Name of the work	Year of creation of liability	LADDP/H woodfuel appropriation for 2020-21	Discharged DTP valuation	Discharge during the year 2020-21		Total Discharge	Uncharged liability as on 31.03.2021
						By bank	Revised		
01	THIRD THIRD CARD (202-20)	THIRD THIRD CARD (202-20)	2020-21	172.64				0	172.64
		Total (Uncharged liability / Items not received)		172.64	0	1,68,52,670	0	1,68,52,670	1,70,25,310
		Total allowed @ normal 40%		0	65,87,120	28,85,18,070	0	29,51,05,190	44,74,26,171
		Total Disposed @ Normal 40%		1,12,18,901	0	0	0	1,12,18,901	1,12,18,901
		Total allowed / received		1,12,18,901	65,87,120	28,85,18,070	0	29,51,05,190	44,74,26,171
		Total (Total allowed / Not received)		1,12,18,901	0	1,68,52,670	0	1,68,52,670	1,70,25,310
		Total Total		4,15,04,144	65,87,120	29,75,71,044	0	29,75,71,044	46,95,54,438

Summary of issue involved in the petition

Name of the Company :		NTPC Limited	
Name of the Power Station :		Manda STPS Stage-I	
1	Petitioner:	NTPC Limited	
2	Subject:	TRUING-UP OF TARIFF FOR THE PERIOD 2019-24	
3	<p>(i) Approve revised tariff of Manda STPS Stage-I for the tariff period 2019-24 after truing-up as per provision of Regulation 13 of Tariff Regulations 2019</p> <p>(ii) Allow the reimbursement of water charges, capital spares, security expenses and ash transportation expenses for the instant station, as claimed by the Petitioner</p> <p>(iii) Pass any other order as it may deem fit in the circumstances mentioned above.</p>		
4	Respondents: 6		
Name of Respondents			
1 Madhya Pradesh Power Management Company Limited Shakti Bhawan, Vidhyut Nagar, Raipur, Jabalpur – 110005		2 Maharashtra State Electricity Distribution Company Limited Prakashgad, Baramba (East), Mumbai – 400051.	
3 Gujarat Ujya Vikas Nigam Limited 1st Floor, Sardar Patel Vidhyut Bhawan, Race Course, Vadodra – 390007.		4 Chhattisgarh State Power Distribution Co. Ltd., P.O. Sankar Nagar, Danganra, Raipur – 492015.	
5 Electricity Department Government of Goa, 1st Floor, Vidhyut Bhawan, Panaji, Goa – 403001.		6 Dadra and Nagar Haveli and Daman and Diu Power Distribution Corporation Limited (DNHDDPDCL) 1st & 2nd floor, Vidhyut Bhawan, 66 KV Road Dadra and Nagar Haveli and Daman and Diu - 396130	
6	Project Scope	2x500 MW Coal based Station	
7	COD	30.03.2014	
8	Claim: Add Cap	(Rs Lakh)	
	2019-20	875.40	
	2020-21	1,570.45	
	2021-22	1,097.07	
	2022-23	-140.60	
	2023-24	4,603.03	
9	AFC (2023-24)	1,29,916.10	
10	Capital cost as on 31.03.24	6,72,272.15	
11	NAPAF (Gen)	85%	
12	Any Specific		

Appendix-I (a)

SUPPLEMENTARY TARIFF FILING FORMS (THERMAL)

FOR DETERMINATION OF SUPPLEMENTARY TARIFF OF

Mauda-I (2x500 MW)

(From ODe of Combustion Modification of Unit-1 on
31.03.2021, as part of Emission Control Systems, till
31.03.2024)

Summary of Supplementary Tariff

Name of the Company :		NTPC Ltd					
Name of the Power Station :		Maula-I					
Name of the ECS:		Combustion Modification (CM)					
							Amount in Rs. Lakh
S. No.	Particulars	Unit	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
(1)	(2)	(3)	(9)				(10)
1.1	Depreciation	Rs Lakh	38.50	39.31	76.89	78.20	81.17
1.2	Interest on Loan	Rs Lakh	36.39	35.41	68.50	69.19	69.64
1.3	Return on Equity	Rs Lakh	29.82	28.42	55.58	56.53	67.06
1.4	Interest on Working Capital	Rs Lakh	2.30	2.03	3.97	4.11	4.96
1.5	O&M Expenses	Rs Lakh	14.58	15.71	30.90	33.13	34.29
	Total	Rs Lakh	121.60	120.87	235.84	241.16	257.13
2.1	Landed Cost of Reagent	Rs/MT	Not Applicable				
2.2	Supplementary ECR ex-bus	Rs/ kWh					

(Petitioner)

Statement showing claimed capital cost

Name of the Company :		HTPC Ltd				
Name of the Power Station :		Mauda-I				
Name of the ECS:		Combustion Modification (CM)				
						Amount in Rs. Lakh
S. No.	Particulars	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
A:	Capital Cost as on ODe of Combustion Modification (CM) in Unit-1/ Unit-2	729.13		1,456.24		
1	Opening Capital Cost	729.13	729.13	1456.24	1456.24	1505.73
2	Add: Addition during the year / period	-	30.65	-	-49.49	-
3	Less: De-capitalisation during the year / period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	63.33
6	Closing Capital Cost	729.13	759.78	1456.24	1505.73	1569.06
7	Average Capital Cost	729.13	744.46	1456.24	1480.98	1537.40

(Petitioner)

Statement showing Return on Equity

Name of the Company : NTPC Ltd

Name of the Power Station : Mauda-I

Name of the ECS: Combustion Modification (CM)

Amount in Rs. Lakh

S. No.	Particulars	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
(1)	(2)	(8)				(9)
	Return on Equity					
1	Gross Opening Equity (Normal)	218.74	218.74	436.87	436.87	451.72
2	Less: Adjustment in Opening Equity					
3	Adjustment during the year					
4	Net Opening Equity (Normal)	218.74	218.74	436.87	436.87	451.72
5	Add: Increase in equity due to addition during the year / period	-	9.20	-	14.85	-
7	Less: Decrease due to De-capitalisation during the year / period	-	-	-	-	-
8	Less: Decrease due to reversal during the year / period	-	-	-	-	-
9	Add: Increase due to discharges during the year / period	-	-	-	-	19.00
10	Net closing Equity (Normal)	218.74	227.94	436.87	451.72	470.72
11	Average Equity (Normal)	218.74	223.34	436.87	444.29	461.22
12	Rate of ROE -pre tax (%)	13.632%	12.723%	12.723%	12.723%	14.541%
13	Total ROE	29.82	28.42	55.58	56.53	67.06

Name of the Company	NTPC LTD
Name of the Power Station	Mauda-I
ECS Characteristics	
Name of the Petitioner	NTPC LTD
Name of the Generating Station	Mauda STPS Stage-I
Unit(s)/Block(s)/Parameters	Stage-I (2x500 MW)
Installed Capacity (MW)-Coal Based	1000 MW
Actual COD	Unit-1: 31.03.2021; Unit-2: 23.12.2021
Type of System	Combustion Modification (CM) System
Name of CM Manufacturer	M/s GE Power India Limited
Special Technological Features	
Any other special features	Low NOX concentric firing system (LNCFS) with Bypass Over Fire Air (BOFA) dampers
Nox Control (Combustion Modification System)	Less than 400mg/Nm ³ @6% O ₂ dry basis at ID Fan outlet.
	<u>PETITIONER</u>

Normative parameters considered for supplementary tariff computations

Name of the Company : NTPC Ltd

Name of the Power Station : Mauda-I

Name of the ECS: Combustion Modification (CM)

Particulars	Unit	2020-21 (01.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
(1)	(2)	(3)				(6)
Base Rate of Return on Equity	%	11.25	10.50	10.50	10.50	12.00
Effective Tax Rate	%	17.472	17.472	17.472	17.472	17.472
Rate of ROE	%	13.632	12.723	12.723	12.723	14.541
Target Availability						
In High Demand Season		85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%
In Low Demand Season(Off-Peak)		85.00%	85.00%	85.00%	85.00%	85.00%
Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%
Off-Peak Hours		85.00%	85.00%	85.00%	85.00%	85.00%
Auxiliary Energy Consumption of the generating station	%	6.25	6.25	6.25	6.25	6.25
Auxiliary Energy Consumption for CM (Design)	%	-	-	-	-	-
Rate of Interest on Working Capital	%	11.25	10.50	10.50	10.50	12.00
Op&M Expenses	% of Capital Cost			2		
Maintenance Spares for WC	% of Op&M			20.00		
Receivables for WC	in Days			45		
Units	Date of ODe (CM)					
Unit-1	31.03.2021					
Unit-2	23.12.2021					

(Petitioner)

Calculation of O&M Expenses

Name of the Company :		NTPC Ltd				
Name of the Power Station :		Mauda-I				
Name of the ECS:		Combustion Modification (CM)				
						Amount in Rs. Lakh
S.No	Particulars	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
(1)	(2)	(5)				(9)
1	O&M expenses under Reg.35(1)(7)					
1a	Normative O&M expenses- ECS	14.58	15.71	30.90	33.13	34.29
2	O&M expenses under Reg.35(6)					
2a	Water Charges	-	-	-	-	-
2b	Security expenses	-	-	-	-	-
2c	Capital Spares	-	-	-	-	-
	Total O&M Expenses	14.58	15.71	30.90	33.13	34.29

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		NTPC Ltd			
Name of the Generating Station		Maida-1			
For Financial Year		01.04.2021 to 31.03.2024			
		Amount in Rs Lakh			
Sl. No.	Head of Work/Equipment	Actual Additional Capitalization (cash basis)			
		2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
1	Balance works related to Combustion Modification System	30.65	-	49.49	-
2	Discharge of Liability		-		63.33
Total Add Cap		30.65	-	49.49	63.33
Total Add. Cap. Claimed including discharge of liabilities		30.65	-	49.49	63.33

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		HTPC LTD						
Name of the Generating Station		Mauda-I						
For Financial Year		2021-22 (1.4.21 to 22.12.21)						
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Amount in Lakh Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Additional Capitalization in CombustionModification System	30.65	-	30.65	-	24(1)(b)	These works are the remaining balance works under original scope. Hon'ble Commission may be pleased to allow the same under Regulation 24(1)(b).	
	Adj: Discharge of Liability	-	-	-	-	25(1)(f)		
	Total	30.65	-	30.65	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		HTPC LTD							
Name of the Generating Station		Mauda-I							
For Financial Year		2021-22 (23.12.21-31.3.22)							
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9	
1	Additional Capitalization in CombustionModification System	-	-	-	-				
	Adj: Discharge of Liability	-	-	-	-				
	Total	-	-	-	-				

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		HTPC LTD						
Name of the Generating Station		Mauda-I						
For Financial Year		2022-23						
								Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3.	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
1	Additional Capitalization in CombustionModification System	57.40	7.90	49.49	-	24(1)(b)	These works are the remaining balance works under original scope. Hon'ble Commission may be pleased to allow the same under Regulation 24(1)(b).	
	Adj: Discharge of Liability	-	-		-	25(1)(f)		
	Total	57.40	7.90	49.49	-			

(Petitioner)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner		HTPC LTD							
Name of the Generating Station		Mauda-I							
For Financial Year		2023-24							
									Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3				
1	2	3	4	5= (3-4)	6	7	8	9	
1	Additional Capitalization in Combustion/Modification System	-	-	-	-				
	Add: Discharge of Liability	-	-	63.33	-	25(1)(f)			
	Total	-	-	63.33	-				

(Petitioner)

Calculation of Depreciation

Name of the Company:	HTFC LTD
Name of the Power Station:	Kaushal
Name of the ITC:	Construction Expenditure (Cm) System

(Subject to Rs. Lakh)

Sl. No.	Name of the Asset	Depreciation Rate	Gross Block as on Date of Operationalisation of C&E in ITC-1 (31.03.2023)	Depreciation Amount as on 31.03.2023	Gross Block as on 31.03.2023	Depreciation Amount as on 31.03.2023	Gross Block as on Date of Operationalisation of C&E in ITC-2 (31.03.2023)	Depreciation Amount as on 31.03.2023	Gross Block as on 31.03.2023	Depreciation Amount as on 31.03.2023	Gross Block as on 31.03.2023	Depreciation Amount as on 31.03.2023	Gross Block as on 31.03.2023	Depreciation Amount as on 31.03.2023
1	Plant & Machinery	5.28%	728.13	38.35	729.77	40.13	1,319.27	69.23	1,319.27	69.23	1,319.97	69.28	1,319.97	69.28
	TOTAL		728.13	38.35	729.78	40.12	1,319.27	69.23	1,319.27	69.23	1,319.97	69.28	1,319.97	69.28
Highest Average Rate of Depreciation (%)				5.28%		5.28%		5.28%		5.28%		5.28%		5.28%
Weighted Average Rate of Depreciation for the taxable period (%)					5.28%		5.28%		5.28%		5.28%		5.28%	

(Continued)

Statement of Depreciation

Name of the Company :		NTPC Limited				
Name of the Power Station :		Mauda-I				
Name of the System:		Combustion Modification System				
		(Amount in Rs Lakh)				
S. No.	Particulars	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
1	2	9				10
	No of Days in the period	1	266	99	365	366
	No of Days in the year	365	365	365	365	366
1	Opening Capital Cost	729.13	729.13	1,456.24	1,456.24	1,505.73
2	Closing Capital Cost	729.13	759.78	1,456.24	1,505.73	1,509.06
3	Average Capital Cost	729.13	744.46	1,456.24	1,480.98	1,537.40
4	Freehold land	-	1.00	2.00	3.00	4.00
5	Rate of depreciation (%)	5.28%	5.28%	5.28%	5.28%	5.28%
6	Depreciable value	656.22	670.01	1,310.61	1,332.88	1,383.66
7	No. of years for which generating station is in operation as on date of operation of CM system for both Unit-1 & 2, i.e., as on 23.12.2022	8.26				
8	Balance depreciable years for CM at the beginning of the period	25.00	25.00	24.63	24.36	23.36
9	Remaining depreciable value at the beginning of the period	656.22	670.01	1,310.61	1,332.88	1,383.66
10	Depreciation (for the period)	0.11	28.65	20.85	78.20	81.17
11	Depreciation (annuated)	38.50	39.31	76.89	78.20	81.17
12	Cumulative depreciation at the end of the period	0.11	28.75	49.61	127.80	208.98
13	Adjustments if any	-	-	-	-	-
14	Net Cumulative depreciation at the end of the period after adjustments	0.11	28.75	49.61	127.80	208.98

(Petitioner)

Abstract of Capital Cost Estimates and Schedule of Commissioning for Combustion Modification (CM) Project

Name of the Petitioner: HTPC LTD
 Name of the Generating station: Haida-1 (2x100 MW)

Combustion Modification (CM) Project

Capital Cost Estimates (IN Rs Cr)

Board of Director / Agency approving the Capital cost estimates:	Board of Directors	
Date of approval of the Capital cost estimates:	27 March 2019	
	Current Cost	Completed Cost

Capital cost including IDC, EDC, FC, FEP, Working Cost & WCa

Foreign Component, if any (in million US \$ or the relevant Currency) (in Rs Cr)		
Domestic Component (Rs. Cr)	18.28	18.28
Capital cost including IDC, EDC & FC (Rs. Cr)	18.28	18.28

Schedule of Commissioning

Date of Commissioning of CM:	
Unit-1	31.05.2021
Unit-2	31.10.2021

(Petitioner)

Capital Cost for EIS (Combustion Modification) (CM)

Name of the Pollution: SO₂/CO
 Name of the Generating Station: Hayden

Combustion Modification (Amount in \$'s, 000)

Sl. No.	Break Down	Fixed Investment Amount	Capital Expenditure on Basis of Operational Cycle of CM in 2014-15, as on 31.03.2015 (Cash Basis)	Life-time concerning to Combustion Modification (%)	Capitalized as an Asset at Operational Cycle of CM in 2014-15, as on 31.03.2015 (Cash Basis)	Life-time concerning to Combustion Modification (%)	Specific Details for Operation
(i)		(ii)	(iii)	(iv)	(v)	(vi)	(vii)
6	Plant & Machinery works of Combustion Modification (CM) including structure	3352.00	725.00	-	1,404.24	45.51	
6c	Initial Service		included in above		included in above		
6d	Travel & Stays		included in above		included in above		
	Plant and Machinery excluding SC & HC		725.00	-	1,404.24	45.51	
8	SC, HC, SSC, HSS & Welding Cost						
1	Internal Drying Commission (SC)						
2	Analing Charge (SC)						
3	Industrial Process Fluid Drying Commission (SC)						
4	Storage, Exchange Rate Interest (SC)						
5	Welding Cost						
	Total of SC, HC, SSC, HSS & Welding Cost						
	Depreciation of CM System including SC, HC, HSS & Welding Cost	3452.00	725.00	-	1,404.24	45.51	

(Signature)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner		NTPC LTD						
Name of the Generating Station		Mauda-I						
For Financial Year		2021-22 (1.4.21 to 22.12.21)						
								Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
	Total Exclusion	0.00	0.00	0.00	0.00			
								(Petitioner)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner			NTPC LTD					
Name of the Generating Station			Mauda-I					
For Financial Year			2021-22 (23.12.21-31.3.22)					
								Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
	Total Exclusion	0.00	0.00	0.00	0.00			
								(Petitioner)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner			NTPC LTD					
Name of the Generating Station			Mauda-I					
For Financial Year			2022-23					
								Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
	Total Exclusion	0.00	0.00	0.00	0.00			
								(Petitioner)

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner		NTPC LTD						
Name of the Generating Station		Mauda-I						
For Financial Year		2023-24						
								Amount in Lakh
Sl. No.	Head of Work /Equipment	ACE Claimed (Actual)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5= (3-4)	6	7	8	9
				NA				
	Total Exclusion	-	-	-	-			
								(Petitioner)

Name of the Receiver:
Name of the Contributing Entity:

NYCEC
Market

Page
1000-1

Summary of Deliverable Characteristics (Factual, \$MM)

(\$ MM)

S. No.	Particulars	FY 2020			FY 2021			FY 2022			FY 2023			FY 2024		
		Account Base	Qty. Exchanged/ Leverage	Unit Base	Account Base	Qty. Exchanged/ Leverage	Unit Base	Account Base	Qty. Exchanged/ Leverage	Unit Base	Account Base	Qty. Exchanged/ Leverage	Unit Base	Account Base	Qty. Exchanged/ Leverage	Unit Base
1	A Delivery Order of 100 MWh per day B Amount of 100 MWh/week C Amount of 70 MWh/week D Amount of 140 MWh/week E Amount of 280 MWh/week F Amount of 560 MWh/week	-	-	-	-	-	-	120.0	-	120.0	100.00	80.0	1,000.0	1,000.0	100.0	1,000.0
2	A Deliver a Gross Block amounting to 1000 MWh/week B Amount of 100 MWh/week C Amount of 70 MWh/week D Amount of 140 MWh/week E Amount of 280 MWh/week F Amount of 560 MWh/week G Amount of 1,120 MWh/week	-	-	-	-	-	-	10.0	-	10.0	9.00	7.0	63.0	63.0	9.0	63.0
3	A Deliver a Gross Block amounting to 1000 MWh/week B Amount of 100 MWh/week C Amount of 70 MWh/week D Amount of 140 MWh/week E Amount of 280 MWh/week F Amount of 560 MWh/week	-	-	-	100.0	-	100.0	100.0	80.0	100.0	-	-	-	-	-	-
4	A Deliver a Gross Block amounting to 1000 MWh/week B Amount of 100 MWh/week C Amount of 70 MWh/week D Amount of 140 MWh/week E Amount of 280 MWh/week F Amount of 560 MWh/week	-	-	-	-	-	-	-	-	-	100.00	80.0	1,000.0	1,000.0	100.0	1,000.0

Calculation of Interest on Normative Loan

Name of the Company : NTPC Ltd
Name of the Power Station : Mands-I
Name of the ECS: Combustion Modification (CM)

(Amount in Rs Lakh)

S. No.	Particulars	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
1	Gross Normative loan – Opening	510.39	510.39	1,019.36	1,019.36	1,054.01
2	Cumulative repayment of Normative loan up to previous year	-	0.11	28.75	49.61	127.80
3	Net Normative loan – Opening	510.39	510.29	990.61	969.76	926.21
4	Add: Increase due to addition during the year / period	-	21.46	-	34.65	-
5	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-	-
6	Less: Decrease due to reversal during the year / period	-	-	-	-	-
7	Add: Increase due to discharges during the year / period	-	-	-	-	44.33
8	Less: Repayment of Loan	0.11	28.65	20.85	78.20	81.17
9	Net Normative loan - Closing	510.29	503.10	969.76	926.21	889.37
10	Average Normative loan	510.34	506.69	980.19	947.98	907.79
11	Weighted average rate of interest (%)	7.1309	6.9882	6.9882	7.2991	7.6719
12	Interest on Loan	36.39	35.41	68.50	69.19	69.64

(Partitioner)

Calculation of Interest on Working Capital

Name of the Company :		NTPC LTD						
Name of the Power Station :		Mauda-1						
Name of the ECS:		Combustion Modification (CM) System						
(Amount in Rs Lakh)								
S. No.	Particulars		Existing 2018-19	2020-21 (31.03.21- 31.03.21)	2021-22 (01.04.21 to 22.12.21)	2021-22 (23.12.21 to 31.03.22)	2022-23	2023-24
	No of days in year			365	365	365	365	365
1	Cost of Limestone/ Reagent Stock	20 days	NA					
	Cost of Limestone/ Reagent Advance Payment	30 Days						
2	Receivables	45 days		14.99	14.90	29.05	29.73	31.51
3	O & M Expenses	1 month		1.22	1.31	2.55	2.75	2.85
4	Maintenance Spares	@20%		2.92	3.14	6.15	6.63	6.85
5	Total Working Capital			19.12	19.35	37.83	39.12	41.33
6	Rate of Interest	%		12.05	10.50	10.50	10.50	12.00
7	Interest on Working Capital			2.30	2.03	3.97	4.11	4.96

(Petitioner)

Part-I
Form-5

Name of the Company - NTPC Ltd
Name of the Power Station - Mandla-3
Name of the ECI: Combined Maintenance (CM)

Statement of Flow of Capital Liabilities

(Amount in Rs)

Sr. No.	Name of the Party	Name of the work	Year of creation of liability reported in Form 56/57	Undischarged liabilities relating to GE as on 01.03.2022 (00% of CM is paid)	Liability in additional replication for 01.04.21 to 31.03.22	Discharge during the period 01.04.21 to 31.03.22		Total Discharge in the period 01.04.21 to 31.03.22	Undischarged liabilities relating to GE as on 31.03.22	Addition to liability as on 01% of CM in Unit-C (01.01.24)	Undischarged liabilities relating to GE as on 31.03.22	Liability in additional replication for 01.04.21 to 31.03.22	Discharge during the period 01.04.21 to 31.03.22		Total Discharge 01.04.21 to 31.03.22
						-By payment	-By reversal						-By payment	-By reversal	
1	GE POWER INDIA LTD	Combined Maintenance (CM) Work	2021-22	-	-	-	-	-	-	82,32,301.50	82,32,301	-	-	-	-

Name of the Company - NTPC Ltd
 Name of the Power Station - Mandak-3
 Name of the EOI: Conductor Maintenance (CM)

Statement of Flow of Capital Liabilities

(Amount in Rs)

Sl. No.	Name of the Party	Nature of the work	Year of creation of liability (as defined in Section 86(1))	Undischarged liabilities relating to FY 2021-22	Liability in annualized capitalization for FY 21-22	Discharge during the period 2021-22		Total discharge 2021-22	Undischarged liabilities relating to FY 20.03.2022	Liability in annualized capitalization for FY 21-22	Discharge during the period 2021-22		Total Discharge 2021-22	Undischarged liabilities relating to FY 20.03.2022
						- By payment	- By reversal				- By payment	- By reversal		
1	MR POWER INDIA LTD	Conductor Maintenance (CM) Work	2021-22	73,22,910	7,30,212	0	0	-	73,22,910		0	0	73,22,910	7,30,212

Summary of issue involved in the petition

	Name of the Company :	NTPC LTD
	Name of the Power Station :	Mauda-I
1	Petitioner:	NTPC LTD
2	Subject:	Determination of Supplementary Tariff for Combustion Modification (CM) System for the period from date of operation in Unit-1 (31.03.2021) till 31.03.2024
3	Prayers:	<p>i) Allow Petitioner to bill provisional supplementary tariff based on implementation of CM System in the instant station till the Supplementary tariff is finally determined & approved by the Hon'ble Commission.</p> <p>ii) Determine & Approve Supplementary Tariff of Mauda-I for the tariff period from the date of operationalization of the ECS scheme (CM System) in Unit-1, i.e. 31.03.2021 till 31.03.2024.</p> <p>iii) Pass any other order as it may deem fit in the circumstances mentioned above.</p>
4	Respondents	
	Names of Respondents	
		Madhya Pradesh Power Management Company Limited (MPPMCL)
		Maharashtra State Electricity Distribution Co Ltd. (MSEDCL)
		Chattisgarh State Power Distribution Co. Ltd. (CSPDCL)
		Gujarat Urja Vikas Nigam Limited (GUVNL)
		Electricity Department, Govt of Goa
		DN-IDDPCCL



केन्द्रीय विद्युत नियामक आयोग
CENTRAL ELECTRICITY REGULATORY COMMISSION



नई दिल्ली
NEW DELHI

/Petition No.: 319/RC/2018

/Coram:

के. पुजारी,	/Shri P. K. Pujari, Chairperson
डॉ. एम. के. अय्यर,	/ Dr. M.K. Iyer, Member
आई. एस. झा,	/ Sh. I.S. Jha, Member

आद दिनांक /Date of Order: 28th of August, 2019

IN THE MATTER OF

Automatic Generation Control (AGC) implementation in India

AND

IN THE MATTER OF

National Load Despatch Centre
Power System Operation Corporation Ltd.
(A Government of India Enterprise) B-9,
Qutab Institutional Area, Katwaria Sarai
New Delhi-110016

...Petitioner

VERSUS

1. NTPC Limited,
Plot No A-8A,
Sector-24, Noida,
Uttar Pradesh, India- 201301
2. NHPC Limited,
N.H.P.C Office Complex,
Sector-35, Faridabad – 121003, Haryana

SUMMARY

34. In the interest of reliable and safe grid operation, the Commission directs that all the ISGS stations whose tariff is determined or adopted by CERC shall be AGC-enabled and the ancillary services including secondary control through AGC be implemented as per the following direction:

- i. *All thermal ISGS stations with installed capacity of 200 MW and above and all hydro stations having capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by CERC are directed to install equipment at the unit control rooms for transferring the required data for AGC as per the requirement to be notified by NLDC. NLDC shall notify the said requirements within one month of this order.*
- ii. *All such ISGS stations whose tariff is determined or adopted by CERC shall have communication from the nearest wide band node to the RTU in the unit control room.*
- iii. *The Central Transmission Utility (CTU) is directed to have communication availability from NLDC/ RLDCs to the nearest wide band node/ switchyard for the generating stations in a redundant and alternate path ensuring route diversity and dual communication.*
- iv. *The NLDC is also directed to commission the required communication infrastructure.*
- v. *The expenditure as a result of compliance of the above directions may be claimed as per relevant regulations or provisions of the PPA.*
- vi. *The NLDC is directed to monitor implementation of the above directions so that all the ISGS stations whose tariff is determined or adopted by CERC are AGC-enabled within six months of this order.*
- vii. *The framework regarding compensation for AGC support and deviation charges as stipulated in the Commission's Order in Petition no. 79/RC/2017 dated 06.12.2017 shall apply to the five pilot projects as also to other ISGS as and when they are AGC enabled. This arrangement shall remain in place till the relevant regulations interalia on compensation for AGC services are framed by the Commission.*
- viii. *NLDC/RLDCs are allowed to operate the AGC system for enabling the signals to the power plants at the earliest.*

ix. *All new thermal ISGS stations with installed capacity of 200 MW and above and hydro stations having capacity exceeding 25 MW excluding the Run-of-River Hydro Projects irrespective of size of the generating station and whose tariff is determined or adopted by CERC shall mandatorily have the capability to provide AGC support.*

35. With the above directions, Petition No. 319/RC/2018 stands disposed of.

Sd/-

आई. एस. झा
सदस्य

Sd/-

डॉ एम. के. अय्यर
सदस्य

Sd/-

पी. के. पुजारी
अध्यक्ष

Justification for Additional Capitalization of "Replacement of Conventional fittings with LED based fittings"

Hon'ble Prime Minister of India on 05.01.2015 launched National LED Programme with an objective to reduce energy consumption by using energy efficient lighting. In line with the objective, Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme was implemented by EESL.

NTPC was mandated through MoP, GoI letter dated 02.08.2017 to replace all conventional lightings with LED based lightings in all NTPC buildings including compound /street lighting occupied by NTPC (copy of the letter dated 02.08.2017 is attached underneath).

Also, Ministry of Finance, GoI, vide letter dated 04.08.2017 issued necessary directions in this regard. Para 2 of the said letter states that "Pursuant to the above the Central Government has taken a decision for mandatory installation of LED based lighting and energy efficient equipments (Fans & ACs) in all Government Buildings." (copy of the said letter dated 04.08.2017 is enclosed underneath)

It is submitted that any direction of Government of India is required to be implemented by the Petitioner in letter and spirit and has the force of Law. Further, replacement of energy intensive conventional lightings with energy efficient LED based lightings was carried out in accordance with Energy Conservation Act, 2001 which provides as under:

"Section 14. Power of Central Government to enforce efficient use of energy and its conservation. —

The Central Government may, by notification, in consultation with the Bureau, —

(a) specify the norms for processes and energy consumption standards for any equipment, appliance which consumes, generates, transmits or supplies energy;

(r) direct every owner or occupier of the building or building complex, being a designated consumer to comply with the provisions of energy conservation building codes for efficient use of energy and its conservation; "

In order to comply with the directions of Govt. of India vide its letter dated 02.08.2017/ 04.08.2017, and as per provisions of Energy Conservation Act, 2001, NTPC took the work of replacing the conventional energy inefficient lightings with energy efficient LED lighting in the premises of the station compound/ building owned and operated by NTPC in phased manner. Some of the major benefits of LED fittings are as under:

- (a) Reduction of auxiliary consumption and benefits to beneficiaries in terms of sharing of ECR gain.
- (b) Ex-bus energy available to the beneficiaries would increase.
- (c) Helps in meeting grid requirement during peak demand.
- (d) Reduces CO2 emission & helps GoI in achieving the target of NET ZERO by 2070.

It is also noteworthy that Hon'ble SC vide judgement dated 20.04.2023 in Civil Appeal No. 11065 of 2018 (GMR Warora vs CERC & Others) and batch of Appeals has held that with

reference to Change in Law or Compliance of any existing Law, the term "Law" means all laws including Electricity Laws in force in India and any statute, ordinance, regulation, Notification or code, rule, or any interpretation of any of them by an Indian Governmental Instrumentality and having force of law. Further, the term "Law" shall also include all applicable rules, regulations, orders, Notifications by an Indian Governmental Instrumentality and shall also include all rules, regulations, decisions and orders of the CERC, etc.

Accordingly, it is humbly submitted that Hon'ble Commission may be pleased to allow the said capitalization under Regulation 26 (1) (b) of Tariff Regulations, 2019.

Ann-A'

Raj Pal
आर्थिक सलाहकार
Economic Adviser
Tel. No.: 011-23715595
E-mail : raj.pal@nic.in



भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
एन सी ई डी बिल्डिंग, नए दिल्ली
BHARAT SHAKTI BHAVAN, NEW DELHI

23/8/17
✓

नं० दिवेसी 110001
NEW DELHI - 110001
Dated : 2nd August, 2017

DO NO/W23/2016 EC

Dear Mr. Singh,

As you may be aware, lighting accounts for more than 20% of total electricity consumption in India. Use of LED lights in domestic and public lightings could result in 50-90% reduction in energy consumption by lighting. It was with this objective that the Hon'ble Prime Minister, on 5th January, 2015 launched the National LED Programme to facilitate rapid adoption of LED based home lighting and street lighting across the Country. This programme, consisting of Ujala Jyoti by Affordable LEDs for All (UJALA) and Street Lightings National Programme (SLNP), is being implemented by EESL, a joint venture company of four Power Sector PSUs.

2. The issue relating to use of LED lights was also deliberated in the infrastructure review meeting held by Hon'ble Prime Minister on 17th September, 2016, wherein it was recommended to issue orders for mandating use of LED lights in all lighting projects funded by the Government.

3. Subsequently, in the review meeting held by Hon'ble Prime Minister on 21st July, 2017, it was inter-ala recommended to replace old bulbs with LED bulbs and that the full replacement should be achieved by 15th August, 2017 in government buildings.

4. In view of the above, you are requested to take necessary action to ensure that all old bulbs are replaced with LED bulbs by 15th August, 2017 in all the buildings (including compounds/street lightings) occupied by your organisation.

5. It will be appreciated if action taken in this regard is reported to this Ministry on priority basis.

With regards,

Yours sincerely,
Raj Pal
(Raj Pal)

- Mr. Gaurav Singh (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)
- Mr. Anil Kumar (P)

Shri Gundeep Singh,
CMD, NTPC,
Scope Complex,
Lodhi Road, New Delhi.



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F.No. 25(24)/E.Coord/2017
Ministry of Finance
Department of Expenditure
(E.Coord)

North Block, New Delhi
Dated: 4th August, 2017

OFFICE MEMORANDUM

Subject: Economy Measures - Mandatory installation of LED based lighting in all Government buildings - regarding

The Hon'ble Prime Minister on 5th January 2015 launched the National LED programme to facilitate rapid adoption of LED based home and street lighting across the country. The programme components, Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SNLP) are under implementation in 34 States and UTs. This programme along with Building Energy Efficiency Programme (BEEP) is being implemented by Energy Efficiency Services Limited (EESL), a joint venture company of four power sector Central PSUs. EESL works on Energy Services Company (ESCO) model wherein upfront investment is done by EESL and the investment is recouped on annuity basis with performance based guaranteed energy saving during the project period.

2. Pursuant to the above the Central Government has taken a decision for mandatory installation of LED based lighting and energy efficient equipments (Fans & ACs) in all Government buildings.

3. Government buildings is a major source of energy consumption. Usage of LED based lightings and energy efficient equipments in Government buildings will lead to economy in expenditure and savings in the long run through reduction in energy consumed.

4. Keeping in view the economy in expenditure and savings that will entail, all Ministries/Departments are requested to convert the existing lightings/equipments into LED based lightings and energy efficient equipments on priority utilizing the services of CPWD/EESL.

- 1 -



M/s RITES Ltd.
M/s NTPC

Respondent No. 1
Respondent No. 2

Present: -

Hon'ble Mr. Justice Rajesh Tandon (Retd.)

Presiding Arbitrator

Hon'ble Mr. Justice R.B. Misra (Retd.)

Co-Arbitrator

Hon'ble Mr. Justice A.N. Venugopala Gowda (Retd.) Co-Arbitrator

AWARD

Dated: - 15.01.2019

Present Claim Petition arises out of tenders invited by M/s RITES/NTPC dated 25.03.2014 for the execution work of 'Construction of ASH Haul Road for Proposed Private Railway Siding From RAMTEK Road (Bridge No. 12 ROB) to ASH SILO Inplant yard of NTPC-Mouda, District, Nagpur (M.S.)'

Briefly stated the Claimant M/s SAB Industries is a public limited company incorporated under the Companies Act. The Respondents invited tenders on 25.03.2014 for the execution of the work of Construction of ASH Haul Road for Proposed Private Railway Siding from RAMTEK Road (Bridge No. 12 ROB) to ASH SILO Inplant yard of NTPC-Mouda, District, Nagpur (M.S.). Claimant has submitted its tender on 18.04.2014 and tenders were opened on 09.09.2014. The tenders for the construction of work were invited by the Respondents through M/s Rites Ltd. vide tender notice RITES/GM/NGP/T-05-2014 dated 25.03.2014.

The tender of the Claimant was accepted and the letter of intent/acceptance was issued by the Respondents vide letter no. RITES/PO.NGP/NTPC-Mouda/A-311 No. 09607 dated 13.10.2014.

Formal letter of acceptance was received on 17.10.2014 to the following effect: -

Contract amount	Rs. 1721.07 Lacs
Date of LOI/Acceptance	13.10.2104
Completion period as per contract	10 Months including Monsoon

Corrected vide award
dt. 15.1.2020

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Stipulated date completion	06.09.2015
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The Agreement was signed on 18.11.2014 as will appear from the terms of the agreement.

The work in question was to be completed within a period of 10 months from 15 days after date of issuance of the letter of acceptance or from the day of the handing over of the site whichever is later.

Agreement dated 18.11.2014 reads as under: -

Agreement No. RITES/GM/NGP/NTPC-Mouda/SAB Industries

Dated 18.11.2014

THIS AGREEMENT is made on 18th day of November 2014 (Two Thousand Fourteen) between RITES Ltd. a Government of India Enterprise and a Company registered under Companies Act, 1956 having its registered office at SCOPE Minar, Laxmi Nagar, Delhi-110092 and its Corporate Office at RITES BHAWAN, Plot No. 1, Sector 29, Gurgaon (Haryana) representing through General Manager (P), RITES LIMITED acting for and on behalf of and as an Agent/Power of Attorney Holder of NTPC-Mouda hereinafter called the Employer (which expression shall, wherever the context so demands or requires, include their successors in office and assigns) on one part and M/s SAB Industries Ltd. SCO 49-50, Sector-26 Madhya Marg, Chandigarh-160019 herein after called the Contractor (which expression shall wherever the context so demands or requires, include his/their successors and assigns) of other part.

WHEREAS the construction of Ash Hual Road for proposed private railway siding from Ramtek Road (Bridge No. 12) to Ash Silo Inplant Yard of NTPC-Mouda, Distt. Nagpur (M.S.) and has by Letter of Acceptance No. RITES/PO/NGP/NTPC-Mouda/A-311/09607, dated 13th October 2014 accepted a tender submitted by the contractor for the execution, completing and maintenance of such works at a total contract price of Rs. 17,21,07,257=00 (Rupees Seventeen Crores Twenty One Lakhs Seven Thousand Two Hundred Fifty Seven Only)




Section 230 of Contract Act reads as under:

"230. Agent cannot personally enforce, nor be bound by, contracts on behalf of principal. In the absence of any contract to that effect, an agent cannot personally enforce contracts entered into by him on behalf of his principal, nor is he personally bound by them."

the fact that the tender invited by the Rites on 25.03.2014 was accepted by Rites and the contract was awarded by the Rites, the respondent No.1 cannot take the plea that it being the agent only is not responsible for the claim setup by the Claimant. Further section 226 fully covers even the respondent no. 1.

The entire record shows the respondent no. 1 is contesting the claim petition.

- i. On behalf of respondent no. 2 as well
- ii. Filed the written statement on behalf of respondent no. 2.
- iii. Even assuming that the respondent no. 1 is agent he shall be treated as a principal qua the claimant as entire tender agreement as well as its acceptance and the award of the contract has been done by the respondent no. 1 RITES itself.

Conclusion

The Tribunal having gone through the evidence on the record i.e. pleading of the parties, affidavit in evidence, written arguments from both the parties and has come to the conclusion that point for determination. 14 is awarded in favour of the Claimant.

Claim-Wise Reliefs

Claim NO. 1:- The Tribunal awards claim no.1 to the extent of Rs. 15,62,643/- in favour of the Claimant and against the Respondents.

Claim No. 2:- The Tribunal awards claim no.2 to the extent of Rs. 1,49,26,680/- in favour of the Claimant and against the Respondents.

Claim No. 3:- The Tribunal awards claim no.3 to the extent of Rs. 14,29,631/- in favour of the Claimant and against the Respondents.



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Claim No. 4:- The Tribunal awards claim no. 4 to the extent of Rs. 66,35,000/- in favour of the Claimant and against the Respondents.

Claim No. 5:- The Tribunal awards claim no. 5 partly allowed to the extent of Rs. 16,41,829/- in favour of the Claimant and against the Respondents.

Claim No. 6:- The Tribunal has rejected this claim.

Claim No. 7:- Tribunal awards claim no. 7(a) to the extent of Rs. 36,75,000/- and Claim no. 7(b) to the extent of Rs. 16,35,000/- in favour of the Claimant and against the Respondents. Total amount of Claim No. 7 is Rs. 53,10,000/-.

Claim No. 8:- The Tribunal awards claim no. 8 partly allowed to the extent of Rs. 48,88,114/- in favour of the Claimant and against the Respondents.

Claim No. 9:- The Tribunal has rejected this claim.

Claim No. 10:- The Tribunal awards claim no. 10 to the extent of Rs. 64,540/- in favour of the Claimant and against the Respondents.

Claim No. 11:- The Tribunal awards claim no. 11 on account of Compensation on blocked amounts as below:-

Claim No.1 to claim No.5 and No.7. The claimant is awarded interest @18% p.a. w.e.f. submission of Final Bill dated 5.7.2016 till the date of award in respect of claims NO. 1 to 5 and 7.

Claim NO.8:-

8(a) The claimant is awarded interest on claim NO.8(a) awarded for RS. 1,25,468/- @18% p.a. w.e.f. 7.5. 2016 till the date of award.

The claimant is also awarded interest on claim NO.8 (a) awarded for RS. 4,15,873/- @18% p.a. w.e.f. 15.5. 2016 till the date of award.

Claim No. 8(b): - The claimant is also awarded interest on claim NO.8(b) awarded for RS. 24,06,781/- @18% p.a. w.e.f. 16.2.2018 till the date of award.



Claim No. 8 (C) The claimant is also awarded interest on claim NO.8(c) awarded for RS. 823626/- @18% p.a. w.e.f. 7.9.2015 till the date of award relating to Earnest Money deposit of Rs.33,74,000/-

The claimant is also awarded interest on claim NO.8(c) awarded for RS. 19,39,892/- @18% p.a. w.e.f. 7.9.2016 till the date of award relating to Security deposit of Rs.92,60,753 /-

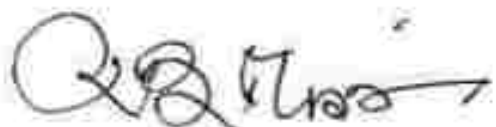
In favour of the Claimant and against the Respondents.

Claim No. 12 and 13: -The Tribunal awards claim no. 12 and 13 partly to the extent of Rs. 34,34,000/- infavour of the Claimant and against the Respondents.

Claim No. 14: -The Tribunal awards claim no. 14 in favour of the Claimant and against the Respondents that future interest is payable by the Respondents to the Claimant on all claims awarded from date of passing of award @18% p.a. till actual payment on entire awarded sum including interest awarded till actual payment of entire awarded amount.

The Claimant shall pay the stamp duty at the time of execution of Award

The Award is published and pronounced on 15th day of January, 2020.

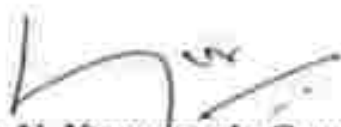


Justice R. B. Misra (Retd.)
Co-Arbitrator



Justice Rajesh Tandon (Retd.)
Presiding Arbitrator

Note: - A separate Award is passed by Hon'ble Mr. Justice A.N. Venugopala Gowda (Retd.) Upon pronouncement and signing the signed copies (4 Nos.) handed over to the Presiding Arbitrator i.e. for record purpose and also for being handed over to the parties-claimant/respondents.



Justice A.N. Venugopala Gowda (Retd.)
Co-Arbitrator

Dated: - 15.01.2020

Place: - New Delhi

THE TRIBUNAL CONSISTING OF Justice Rajesh Tandon (Retd.), Justice R.B. Misra (Retd.) and Shri A.P. Choudhary

THE ARBITRATION MATTER BETWEEN

M/s SAB Industries Ltd.

Vs.

Claimant

M/s RITES Ltd.

Respondent No. 1

M/s NTPC

Respondent No. 2

Present: -

Hon'ble Mr. Justice Rajesh Tandon

Presiding Arbitrator

Hon'ble Mr. Justice R.B. Misra

Co-Arbitrator

Mr. A.P. Choudhary

Co-Arbitrator

Present: -

Claimants

1. Shri Puran Singh Rana (Advocate)
2. Shri Parth Attrey (Legal Officer)

Respondents

1. Shri Anil Seth (Advocate)
2. Shri Udit Seth (Advocate)
3. Shri Sunil Kapoor (General Manager)

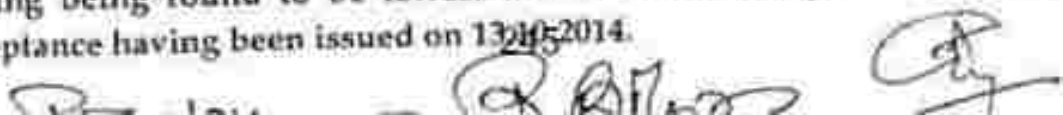
AWARD 16/6/19

On behalf of Claimant Shri. P.S. Rana (Advocate) along with Shri Parth Attrey (Legal Officer) are present. On behalf of Respondents Shri Anil Seth (Advocate) along with Shri Udit Seth (Advocate) are present

Heard both parties at great length.

The Claimant has filed the Claim Petition claiming the amount of reimbursement of service tax and interest thereon as well as reimbursement of additional royalty paid by the claimant.

Briefly stated pursuant to the tender notice dated 25.03.2014 for the execution of the work of construction of ASH HAUL ROAD FOR PROPOSED PRIVATE RAILWAY SIDING FROM RAMTEK ROAD (BRIDGE NO. 12 ROB) TO ASH SILO INPLANT YARD OF NTPC-MOUNDA, DISTRICT, NAGPUR (M.S) Where the work was to be completed as per conditions which was submitted by the claimant on 28.04.2014 and the tender of the claimant having being found to be lowest the same was accepted and the letter of acceptance having been issued on 13/05/2014.



As will appear from the tender conditions dated 25.03.2014 that the service tax although was payable by the claimant but the same was reimbursable in pursuance of clause 17.7 (Notice Inviting Tender and Instruction to Tenderers), the same is quoted below: -

'Sales-tax/VAT (except Service Tax), purchase tax, turnover tax or any other tax/cess on material, labour and Works in respect of this Contract shall be payable by the Contractor and the Employer will not entertain any claim whatsoever in respect of the same. However, in respect of Service Tax, same shall be paid by the contractor to the concerned department on demand it will be reimbursed to him by the Engineer-in-charge after satisfying that it has been actually and genuinely paid by the Contractor.'

Similarly with regard to royalty the claimant was entitled for reimbursement of additional royalty along with the interest paid by him in pursuance of the clause 26.4 of General Conditions of Contract the same is quoted below: -

'26.4 The Central Price shall also be inclusive of Service Tax applicable on services such as Construction Services, Works Contract Services as per the rates prevailing as on seven (7) days prior to the date of the bid opening. In case of any variation in the rate of Service Tax during the period of Contract, an equitable amount shall be payable to the Contractor to fully take into account any such change on production of satisfactory documentary evidence. The contractor prices shall also be inclusive of any Seignorage fee or





Award

Claim No. 1

We allow the Service Claim, claim no. 1 partly and claim is awarded to the claimant to the extent of Rs.7,87,491/- along with interest @18% p.a. with effect from the date of payment i.e. 12.04.2017 upto the date of award.

The respondents are directed to satisfy the Service tax authorities or pay the demand of service tax as under if levied by Service Tax Authorities:

- i. That either no service tax is chargeable or
- ii. Pay to the department promptly any amount found due by the service tax authorities.

It is made clear that no further realization shall be made from the claimant towards service tax. Further in view of the statement of fact made by the respondents that no service tax is chargeable, claim no. 1 is allowed in favour of Claimant and against the Respondents no. 1 and 2.

Claim No. 2

We allow the Claim no. 2 to the extent of Rs. 52,43,400/- along with interest @ 18% p.a.w.e.f. 05.01.2016 upto the date of award against the respondents.


_____ 

Claim No. 3

'Litigation Cost'

We allow the Claim no. 3 to the extent of Rs.20,61,950/- in favour of claimant and against the respondents.

CLAIM NO. 4

'Administrative cost @ 10% of the claimed amount of Rs. 2,13,76,167/- which comes to Rs. 21,37,616/-'

We allow the Claim No. 4 to the extent of Rs. 14,92,736/- , being 10% of the awarded claims no. 1 & 2 i.e. Rs.96,83,964/- &Rs. 52,43,400/- respectively, against the respondents.

CLAIM NO. 5

'Pendent-lite and Future Interest'

We Award the interest for the pre-reference period as well as pendent lite as claimed by the Claimant, claim no. 5 therefore, is decided in favour of the Claimant to the extent that interest is payable @ 18% p.a. till the date of Award.

Entire claim no. 1 to 5 allowed in favour of the claimant and against the respondents and the amounts covered under the award , including interest upto the date of award, shall be payable by the Respondents with in a period of 30 days from the date of award.


 

In case the awarded amount is not paid within the time of 30 days, the Respondent shall pay the total awarded amount including interest and costs along with future interest @ 18% per annum from the date of award to the date of actual payment

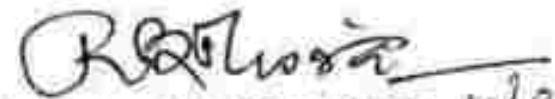
The award is being signed on a stamp paper of Rs. 100/-

We are thankful for the co-operation extended by the respondents no. 1 and 2 and the claimant also.

We are also thankful for enlightening the provisions of service tax

 18/6/19
Hon'ble Mr. Justice Rajesh Tandon (Retd.)

(Presiding Arbitrator)


Hon'ble Mr. Justice R.B. Misra (Retd.) 10/06/2019

(Co-arbitrator)


Mr. A.P. Choudhary

(Co-arbitrator)

Justification for Additional Capitalization of "Chlorine Di-oxide (ClO₂) System"

1. It is submitted that prior to installation of ClO₂ System, Chlorine gas was being dozed directly at various stages of water treatment to maintain water quality and to inhibit organic growth in the water retaining structures/ equipment such as clarifiers, storage tanks, cooling towers, condenser tubes, piping etc. Chlorine dosing is done from chlorine stored in cylinders/ tonners. Chlorine gas is very hazardous and may prove fatal in case of leakage/ explosion and therefore, handling and storage of same involves risk to the life of public at large. Hence, in the interest of public safety, the chlorine dosing system has been replaced by Chlorine Dioxide (ClO₂) system, which is much safer and less hazardous than chlorine. In the ClO₂ system, ClO₂ is produced on site by use of commercial made HCl and sodium chlorite. As ClO₂ is generated at site, it avoids handling and storage risk.
2. It is submitted that Ministry of Labour and Employment, GOI, released the "National Policy on Safety, Health and Environment at Workplace" in Feb 2009 (copy attached underneath). The relevant clauses of the policy pertinent to the case of the Petitioner requiring installation of ClO₂ to meet the policy provisions are as follows:

Clause 1.3

".....Government is committed to regulate all economic activities for management of safety and health risks at workplaces and to provide measures so as to ensure safe and healthy working conditions for every working man and woman in the nation. Government recognizes that safety and health of workers has a positive impact on productivity and economic and social development. Prevention is an integral part of economic activities."

Clause 1.8:

" The increasing use of chemicals, exposure to physical, chemical and biological agents with hazard potential unknown to people; the indiscriminate use of agro-chemicals including pesticides, agricultural machineries and equipment; Industries with major accident risks; effects of computer controlled technologies and alarming influence of stress at work in many modern jobs pose serious safety, health and environmental risks."

Clause 1.9:

"The fundamental purpose of this National Policy on Safety, Health and Environment at workplace, is not only to eliminate the incidence of work related injuries, diseases, fatalities, disaster and loss of national assets and ensuring achievement of a high level of occupational safety, health and environment performance through proactive approaches but also to enhance the well-being of the employee and society, at large. The necessary changes in this area will be based on a co-ordinated national effort focused on clear national goals and objectives."

The Objectives of the policy are as stated below:

"3.1 The policy seeks to bring the national objectives into focus as a step towards improvement in safety, health and environment at workplace. The objectives are to achieve:-

a) Continuous reduction in the incidence of work related injuries, fatalities, diseases, disasters and loss of national assets"

Further, the Clause 5.3 of the code concludes that:

"5.3 The National Policy and programme envisages total commitment and demonstration by all concerned stake holders such as Government and social partners. Our goals and objectives will be that through dedicated and concerted efforts consistent with the requirements of safety, health and environment at work place and thereby improving the quality of work and working life."

It is submitted that for NTPC, a Maharatna Company and India's largest power generator operating Power Stations across the country with thousands of workmen engaged round the clock, it is a constant endeavour to improve the safety practices and mitigate the hazards in line with the statutory provisions on safety, health and environment at workplace. As evident from the above quoted

clauses of the said policy, it is submitted that the installation of ClO₂ Plant is in accordance to various provisions of the said policy to ensure a safe workplace.

3. It is further submitted that installation of ClO₂ system is in line with the duties necessitated for an employer under the clause 6(1)(a) and 6(1)(d) of "The Occupational Safety, Health and Working Conditions Code, 2020" notified by Ministry of Law & Justice, GoI vide Gazette Notification dated 29th September 2020, as below"

Quote

".....DUTIES OF EMPLOYER AND EMPLOYEES, ETC.

6. (1) Every employer shall:

a) ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees;

d) provide and maintain, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees;"

Unquote

A relevant extract of the said Code is attached underneath.

4. It is submitted that chlorine gas is very hazardous as mentioned above. In India, chlorine is deemed to be an explosive, when contained in any metal container in a compressed or liquefied state, within the meaning of the Indian Explosives Act, 1884. The leakage or failure in handling of this chlorine gas may result into major accident which may involves loss of property and human life. The National Disaster Management Authority (NDMA), Govt. of India, had released "National Disaster Management Guidelines: Chemical Disasters" in April 2007. In the said guidelines at Annexure-A, following major accidents due to leakage/explosion of

Chlorine gas in just a span of six years (from 2002 to 2006) have been documented:

- i. On Sep 5, 2002, Chlorine gas explosion occurred in GACL, Vadodara, Gujarat in which 4 deaths as well as 20 injuries were reported.
- ii. On Dec 20, 2002, Chlorine gas got released in IPCL, Gandhar, Gujarat in which as much as 18 workers were reported to be injured and also 300 villagers in nearby villages were adversely affected.
- iii. On Oct 13, 2003, liquid Chlorine gas was released in Orient Paper Mill, Madhya Pradesh in which 88 injuries were reported.
- iv. On Jul 18, 2004, Chlorine leak happened in Chemplast, Tamil Nadu in which 27 injuries were reported.
- v. On Mar 29, 2006, due to the release of Chlorine in Kanoria Chemicals and Industries Ltd, UP, 6 people lost their lives and 23 persons were reported to be injured.

The above clearly illustrates that even the slightest inadvertent error on part of either human or machinery may result in a huge loss to persons or property or both.

Further, Chapter 5 (Guidelines for Industrial (Chemical) Installations and Storages) of the said guidelines by NDMA provides that industrial systems shall be continuously re-engineered (improved and upgraded)/ strengthened for the prevention and management of chemical accidents. The relevant extract from the said guideline is as below:

"5.1 Industrial (Chemical) Installations: A prime area of concern is the strengthening of the industrial systems for the prevention and management of chemical accidents. Such provisions shall be established to continuously reengineer (improve and upgrade) the system. As a part of government policy, it is envisaged that the present regulatory inspection and monitoring framework will evolve

*measures to encourage self-regulation, public consultation and PPP. These activities would develop credibility at all levels.**

Further, clause 5.1.1 of the said guideline provides various engineering methods to control hazards as quoted below:

**Engineering methods to control hazards include:*

1) Change of processes: to shift to less hazardous processes.

In view of above, it is submitted that the installation of ClO₂ Plant taken up by the Petitioner in place of earlier Chlorine dosing system is a *Change of process* taken up for prevention and management of chemical accidents in accordance to the various provisions and objectives of the "National Disaster Management Guidelines – Chemical Disasters" released by the NDMA, GOI in April 2007 (relevant extract of the same attached underneath).

5. It is submitted that Chlorine gas is heavier than air and therefore sticks close to the ground and spread horizontally to the ground, thereby it may affect persons in vicinity for a longer duration. Exposure to low levels of chlorine can result in nose, throat, and eye irritation whereas at higher levels, breathing chlorine gas may result in changes in breathing rate, coughing, and damage to the lungs, toxic pneumonitis and/or acute pulmonary edema which can cause permanent damage to affected persons and also deaths.

Specifically, in Power Plants, any such incident may be more severe because of nature of the plant. It will not only affect numerous workers/staff of the Plant but also nearby communities. Also, the various equipment in the Power Plant need continuous monitoring and in absence of any such monitoring in case of a chemical accident, there will be possibility of serious damage to equipment also which itself is a very high hazard.

6. It is submitted that Tariff Regulations, 2019 under clause 26(1)(d) provides for admittance of Add-Cap works for Security & Safety of Power Stations. It is humbly submitted that Safety is inclusive of safety of the people working within the plant and neighbouring communities. As a responsible corporate entity, safety of workmen and employees is of paramount importance for NTPC. Also, it is the responsibility of NTPC to ensure that neighbouring communities are safe and not affected adversely due to Plant operations.
7. It is submitted that the Hon'ble Commission vide Order dated 08.01.2022 in Petition No 408/GT/2022 has allowed expenditure for safety provisions for workmen/Plant as Add Cap under provisions of Tariff Regulations 2014/ Tariff Regulations 2019 for Change in Law or compliance or any existing law/ need for higher security and safety of the Plant. The relevant extracts of the said-Order are quoted below:

"...67....Keeping in view that the expenditure incurred was in compliance with the IS:3034 standard (which deals with 'Fire Stations in Industrial Buildings') and as the same is required for the safety and security of the plant, the additional capital expenditure incurred is allowed under Regulation 14(3)(ii) of the 2014 Tariff Regulations...."

"...232. The Petitioner has claimed projected additional capitalization of Rs.350.00 lakh in 2020-21 towards 'Economiser platform for both boilers' under Regulation 26(1)(d) of the 2019 Tariff Regulations and has submitted as under:

"During annual outage most of the maintenance works are undertaken in the economizer and LTSH region due to maximum erosion of coils. Due to space and design constraints through inspection, lifting of multiple coils and carrying out repair activity becomes difficult. Moreover, due to multiple activities being carried out simultaneously, it becomes unsafe for the workers and employees. In view of above constraint and safety of the workmen, it is proposed to fabricate permanent structure to create additional space for the coil removal, inspection, immediate repair and replacement of coil in the boiler. Additional space shall enhance safety to the workplace and thereby avoiding any unwanted eventuality. In addition, it will reduce downtime for peak, off-peak availability. This expenditure is admissible in terms of

Regulations 26(1)(d) of the 2019 Tariff Regulations and the cost of the work for Rs.350 lakh is proposed to be incurred in 2020-21 and the Commission may kindly approve the same."

233. The Petitioner has not established through documentary evidence that the additional capital expenditure is required to be incurred based on the advice or direction of any Indian Government Instrumentality or statutory authorities. However, considering the fact that the asset is required for the safe operation of the plant, we allow the projected additional capital expenditure claimed. The Petitioner is directed to furnish, at the time of truing up of tariff, the relevant advice or direction of any Indian Government Instrumentality or statutory authority to substantiate the said claim."

8. It is also pertinent to mention that at the Petitioner's Power Plant at Kudgi, Department of Factories, Boiler, Industrial Safety and Health, Govt of Karnataka has directed the Petitioner to replace the highly hazardous gas chlorination system with ClO₂ system. Also, State pollution Control Board, Odisha while issuing consent to establish in case of Petitioner's Darlipalli Power Station has asked the Petitioner to explore the possibility of installing ClO₂ system instead of Chlorine gas system (A copy of the said directions are **attached underneath**).
9. It is also noteworthy that Hon'ble SC vide judgement dated 20.04.2023 in Civil Appeal No. 11095 of 2018 (GMR Warora vs CERC & Others) and batch of Appeals has held that with reference to Change in Law or Compliance of any existing Law, the term "Law" means all laws including Electricity Laws in force in India and any statute, ordinance, regulation, Notification or code, rule, or any interpretation of any of them by an Indian Governmental Instrumentality and having force of law. Further, the term "Law" shall also include all applicable rules, regulations, orders, Notifications by an Indian Governmental Instrumentality and shall also include all rules, regulations, decisions and orders of the CERC and the MERC.
10. In view of above submissions, it is submitted that the replacement of existing chlorine dosing system (which is highly hazardous) with ClO₂ system (which is

much safer), taken up by the Petitioner to comply with the safety provisions and guidelines mandated by the "National Policy on Safety, Health and Environment at Workplace" issued by Ministry of Labour and Employment, GOI, "The Occupational Safety, Health and Working Conditions Code, 2020" notified by Ministry of Law & Justice, GOI and the "National Disaster Management Guidelines - Chemical Disasters" released by the NDMA, GOI, comes under the ambit of clause 26(1)(b) as well as 26(1)(d) of the Tariff Regulations, 2019. Accordingly, Hon'ble Commission may be pleased to allow the additional capitalization of ClO2 Plant installation for the instant station under the said regulations and exercising the *Power to Relax* under the Regulation 76 of Tariff Regulations 2019.

Govt of Karnataka
Department Of Factories, Boilers, Industrial Security And Health

Office of the Director
Karnika Bhawana, II floor, Bannerghatta Road,
Bengaluru-29, Date: 13.04.2016

Proceedings of the Department of Factories, Boilers, Industrial Security and Health

Read with: Sec 6(1) of Factories Act 1948 and Rule 3 of Karnataka Factories Rules, 1969

Sub: Approval of factory drawings in respect of M/s. Kudgi Super Thermal Power Project (NTPC Limited) as per Factories Act 1948 -Reg.

- Ref: 1) Application Form 1 dated 22.01.2016
2) Site Inspection dated 05.02.2016
3) Final Scrutiny dated 07.04.2016

The maps of M/s NTPC Limited, Kudgi Super Thermal Power Project, Vijayapura have been scrutinized as per the Factories Act 1948 and the Rules framed and conceived there under and the blue prints of the factory's buildings and machinery layouts have been approved subject to the conformity of all provisions conceived as per Factories Act 1948 concerned and clause 3(4) of Karnataka Factories Rules, 1969 and also conformity of following conditions:

1. To modify the use of hazardous chlorine chemical to minimum hazardous chlorine chemical and to strictly comply with all the conditions laid down in the letter as per the condition of this office letter no. GSMC/TFC/CR-13/2013-14 Date 23.09.2013.
2. To get those buildings and machinery layout maps approved which are not approved earlier or the maps involving modifications. Such maps should be submitted for approval.
3. Before starting use of all the buildings and structures of the factory, authentication certification should be separately obtained as per Form 1A from authorized Civil Engineer and submitted to the Field Officer. Then only these should be used.

Ninety nine maps as approved are sent enclosed herewith. Kindly acknowledge.

Director of Factories &
Boilers,
Bengaluru

To:
The Occupier,
M/s. Kudgi Super Thermal Power Project
NTPC Limited
Kudgi, Taluka: Basavara Bagewadi, Dist.: Vijayapura

For kind information please

GSMC
A. Anilak

Signature
20/04/2016

Signature
20/04/2016

Signature
20/04/2016

JP

PA

GOVERNMENT OF INDIA
DEPARTMENT OF FACTORIES, BOILERS, INDUSTRIAL SAFETY & HEALTH

CSMO/TEC/DR-13/2013-14

Directorate of Factories, Boilers, Industrial Safety & Health
1st Floor, 2nd Floor, 3rd Floor, 4th Floor, 5th Floor
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A (M/PE/S)
Date 19/10/2013

Sub Clause (c) of Regulation 13 of the Factories Act, 1947

- 1. 3-4-1947 (1947)
- 2. 10-1-1948 (1948)
- 3. 1-1-1949 (1949)

1. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

2. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

3. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

The structure is to be subject to the following conditions:-

1. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

- 1. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 2. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 3. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
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- 9. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 10. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

- 11. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 12. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 13. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 14. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 15. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 16. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 17. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 18. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 19. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.
- 20. The structure shall be designed and constructed in accordance with the provisions of the Code of Practice for the design and construction of structures for the purpose of the Factories Act, 1947.

Handwritten marks and signature

The first part of the question asks for the definition of a function. A function is a relation between a set of inputs and a set of possible outputs, where each input is related to exactly one output. In other words, for every element in the domain, there is a unique element in the codomain.

The second part of the question asks for the definition of a linear function. A linear function is a function whose graph is a straight line. It is a function of the form $f(x) = mx + b$, where m is the slope and b is the y-intercept.

The third part of the question asks for the definition of a quadratic function. A quadratic function is a function whose graph is a parabola. It is a function of the form $f(x) = ax^2 + bx + c$, where a , b , and c are constants, and $a \neq 0$.

Examples:

Examples of functions include:

- A linear function: $f(x) = 2x + 3$
- A quadratic function: $f(x) = x^2 - 4x + 7$
- A cubic function: $f(x) = x^3 - 2x^2 + x - 5$

Year's End

Department of Mathematics
 University of California, Berkeley
 Berkeley, CA 94720-1480

A

Government of India
Ministry of Labour and Employment

**NATIONAL POLICY ON SAFETY, HEALTH AND ENVIRONMENT AT WORK
PLACE**

1. PREAMBLE

- 1.1 The Constitution of India provide detailed provisions for the rights of the citizens and also lays down the Directive Principles of State Policy which set an aim to which the activities of the state are to be guided.
- 1.2 These Directive Principles provide
- (a) for securing the health and strength of employees, men and women;
 - b) that the tender age of children are not abused;
 - c) that citizens are not forced by economic necessity to enter avocations unsuited to their age or strength;
 - d) just and humane conditions of work and maternity relief are provided; and
 - e) that the Government shall take steps, by suitable legislation or in any other way, to secure the participation of employee in the management of undertakings, establishments or other organisations engaged in any industry.
- 1.3 On the basis of these Directive Principles as well as international instruments, Government is committed to regulate all economic activities for management of safety and health risks at workplaces and to provide measures so as to ensure safe and healthy working conditions for every working man and woman in the nation. Government recognizes that safety and health of workers has a positive impact on productivity and economic and social development. Prevention is an integral part of economic activities

as high safety and health standard at work is as important as good business performance for new as well as existing industries.

- 1.4 The formulation of policy, priorities and strategies in occupational safety, health and environment at work places, is undertaken by national authorities in consultation with social partners for fulfilling such objectives. A critical role is played by the Government and the social partners, professional safety and health organizations in ensuring prevention and in also providing treatment, support and rehabilitation services.
- 1.5 Government of India firmly believes that without safe, clean environment as well as healthy working conditions, social justice and economic growth cannot be achieved and that safe and healthy working environment is recognized as a fundamental human right. Education, training, consultation and exchange of information and good practices are essential for prevention and promotion of such measures.
- 1.6 The changing job patterns and working relationships, the rise in self employment, greater sub-contracting, outsourcing of work, homework and the increasing number of employees working away from their establishment, pose problems to management of occupational safety and health risks at workplaces. New safety hazards and health risks will be appearing along with the transfer and adoption of new technologies. In addition, many of the well known conventional hazards will continue to be present at the workplace till the risks arising from exposure to these hazards are brought under adequate control. While advancements in technology have minimized or eliminated some hazards at workplace, new risks can emerge in their place which needs to be addressed.
- 1.7 Particular attention needs to be paid to the hazardous operations and of employees in risk prone conditions such as migrant employees and various vulnerable groups of employees arising out of greater mobility in the

workforce with more people working for a number of employers, either consecutively or simultaneously.

- 1.8 The increasing use of chemicals, exposure to physical, chemical and biological agents with hazard potential unknown to people; the indiscriminate use of agro-chemicals including pesticides, agricultural machineries and equipment; industries with major accident risks; effects of computer controlled technologies and alarming influence of stress at work in many modern jobs pose serious safety, health and environmental risks.
- 1.9 The fundamental purpose of this National Policy on Safety, Health and Environment at workplace, is not only to eliminate the incidence of work related injuries, diseases, fatalities, disaster and loss of national assets and ensuring achievement of a high level of occupational safety, health and environment performance through proactive approaches but also to enhance the well-being of the employee and society, at large. The necessary changes in this area will be based on a co-ordinated national effort focused on clear national goals and objectives.
- 1.10 Every Ministry or Department may work out their detailed policy relevant to their working environment as per the guidelines on the National Policy.

2. GOALS:

The Government firmly believes that building and maintaining national preventive safety and health culture is the need of the hour. With a view to develop such a culture and to improve the safety, health and environment at work place, it is essential to meet the following requirements:-

- 2.1 providing a statutory framework on Occupational Safety and Health in respect of all sectors of industrial activities including the construction sector, designing suitable control systems of compliance, enforcement and incentives for better compliance.
- 2.2 providing administrative and technical support services.

- 2.3. providing a system of incentives to employers and employees to achieve higher health and safety standards.
- 2.4 providing for a system of non-financial incentives for improvement in safety and health.
- 2.5. establishing and developing the research and development capability in emerging areas of risk and providing for effective control measures.
- 2.6. Focusing on prevention strategies and monitoring performance through improved data collection system on work related injuries and diseases.
- 2.7 Developing and providing required technical manpower and knowledge in the areas of safety, health and environment at workplaces in different sectors.
- 2.8 Promoting inclusion of safety, health and environment, improvement at workplaces as an important component in other relevant national policy documents.
- 2.9 Including safety and occupational health as an integral part of every operation.

3. OBJECTIVES:

3.1 The policy seeks to bring the national objectives into focus as a step towards improvement in safety, health and environment at workplace. The objectives are to achieve:-

- a) Continuous reduction in the incidence of work related injuries, fatalities, diseases, disasters and loss of national assets.
- b) Improved coverage of work related injuries, fatalities and diseases and provide for a more comprehensive data base for facilitating better performance and monitoring.
- c) Continuous enhancement of community awareness regarding safety, health and environment at workplace related areas.
- d) Continually increasing community expectation of workplace health and safety standards.

- e) Improving safety, health and environment at workplace by creation of “green jobs” contributing to sustainable enterprise development.

4. ACTION PROGRAMME

For the purpose of achieving the goals and objectives mentioned in paragraphs 2 and 3 above, the following action programme is drawn up and where necessary time bound action programme would be initiated, namely:-

4.1. Enforcement

- 4.1.1 by providing an effective enforcement machinery as well as suitable provisions for compensation and rehabilitation of affected persons;
- 4.1.2 by effectively enforcing all applicable laws and regulations concerning safety, health and environment at workplaces in all economic activities through an adequate and effective labour inspection system;
- 4.1.3 By establishing suitable schemes for subsidy and provision of loans to enable effective implementation of the policy;
- 4.1.4 by ensuring that employers, employees and others have separate but complementary responsibilities and rights with respect to achieving safe and healthy working conditions;
- 4.1.5 by amending expeditiously existing laws relating to safety, health and environment and bring them in line with the relevant international instruments;
- 4.1.6 by monitoring the adoption of national standards through regulatory authorities;
- 4.1.7 by facilitating the sharing of best practices and experiences between national and international regulatory authorities;
- 4.1.8 by developing new and innovative enforcement methods including financial incentives that encourage and ensure improved workplace performance;
- 4.1.9 by making an enabling legislation on Safety, Health and Environment at Workplaces;

4.1.10 by setting up safety and health committees wherever deemed appropriate;

4.2 National Standards

4.2.1 by developing appropriate standards, codes of practices and manuals on safety, health and environment for uniformity at the national level in all economic activities consistent with international standards and implementation by the stake holders in true spirit;

4.2.2 by ensuring stakeholders awareness of and accessibility to applicable policy, documents, codes, regulations and standards;

4.3 Compliance

4.3.1 by encouraging the appropriate Government to assume the fullest responsibility for the administration and enforcement of occupational safety, health and environment at workplace, provide assistance in identifying their needs and responsibilities in the area of safety, health and environment at workplace, to develop plans and programmes in accordance with the provisions of the applicable Acts and to conduct experimental and demonstration projects in connection therewith;

4.3.2 by calling upon the co-operation of social partners in the supervision of application of legislations and regulations relating to safety, health and environment at work place;

4.3.3 by continuous improvement of Occupational Safety and Health by systems approach to the management of Occupational Safety and Health including developing guidance on Occupational Safety and Health management systems, strengthening voluntary actions, including mechanisms for self-regulatory concept and establishing auditing mechanisms which can test and authenticate occupational safety and health management systems;

- 4.3.4 by providing specific measures to prevent catastrophes, and to co-ordinate and specify the actions to be taken at different levels, particularly in the industrial zones with high potential risks;
- 4.3.5 by recognising the best safety and health practices and providing facilitation for their adoption.
- 4.3.6 by providing adequate penal provisions as deterrent for violation of laws for the time being in force;
- 4.3.7 by encouraging all concerned to adopt and commit to "Responsible Care" and / or "Corporate Social Responsibility" to improve safety, health and environment at workplace performance;
- 4.3.8 by ensuring a suitable accreditation machinery to recognise institutions, professionals and services relating to safety, health and environment at workplace for uniformity and greater coverage as also authenticating safe management system;
- 4.3.9 by encouraging employers to ensure occupational safety and health management systems, establish them in efficient manner to improve workplace safety and health;
- 4.3.10 by specifically focusing on such occupational diseases like pneumoconiosis and silicosis; developing a framework for its prevention and control as well as develop technical standards and guidelines for the same;
- 4.3.11 by promoting safe and clean technology and progressively replacing materials hazardous to human health and environment;

4.4 Awareness

- 4.4.1 by increasing awareness on safety, health and environment at workplace through appropriate means;
- 4.4.2 by providing forums for consultations with employers' representatives, employees representatives and community on matters of national concern

- relating to safety, health and environment at work place with the overall objective of creating awareness and enhancing national productivity;
- 4.4.3 by encouraging joint labour-management efforts to preserve, protect and promote national assets and to eliminate injuries and diseases arising out of employment;
 - 4.4.4 by raising community awareness through structured, audience specific approach;
 - 4.4.5 by continuously evaluating the impact of such awareness and information initiatives;
 - 4.4.6 by maximizing gains from the substantial investment in awareness campaigns by sharing experience and learning;
 - 4.4.7 by suitably incorporating teaching inputs on safety, health and environment at work place in schools, technical, medical, professional and vocational courses and distance education programme;
 - 4.4.8 by securing good liaison arrangements with the International organisations;
 - 4.4.9 by providing medical criteria wherever necessary which will assure insofar as practicable that no employee will suffer diminished health, functional capacity, or life expectancy as a result of his work place activities and that in the event of such occupational diseases having been contracted, is suitably compensated;
 - 4.4.10 by providing practical guidance and encouraging employers and employees in their efforts to reduce the incidence of occupational safety and health risks at their places of employment and to impress upon employers and employees to institute new programmes and to improve existing programmes for providing safe and healthful working conditions, requiring employers to ensure that workers and their representatives are consulted, trained, informed and involved in all measures related to their safety and health at work;

4.5 Research and Development

- 4.5.1 by providing for research in the field of safety, health and environment at workplace, including the social and psychological factors involved, and by developing innovative methods, techniques including computer aided Risk Assessment Tools, and approaches for dealing with safety, health and environment at workplace problems which will help in establishing standards;
- 4.5.2 by exploring ways to discover latent diseases, establishing causal connections between diseases and work environmental conditions, updating list of occupational diseases and conducting other research relating to safety, health and environmental problems at workplace;
- 4.5.3 by establishing research priorities as per national requirements: exploring partnerships and improving communications with various national and international research bodies;
- 4.5.4 by ensuring a coordinated research approach and an optimal allocation of resources in Occupational Safety and Health sector for such purposes;

4.6 Occupational safety and health skills development

- 4.6.1 by building upon advances already made through employer and employee initiative for providing safe and healthy working conditions;
- 4.6.2 by providing for training programmes to increase the number and competence of personnel engaged in the field of occupational safety, health and environment at workplace;
- 4.6.3 by providing information and advice, in an appropriate manner, to employers and employees organisations, with a view to eliminating hazards or reducing them as far as practicable;
- 4.6.4 by establishing occupational health services aimed at protection and promotion of health of employee and improvement of working conditions and by providing employee access to these services in different sectors of economic activities;

4.6.5 by integrating health and safety into vocational, professional and labour related training programmes as also management training including small business practices;

4.6.6 by adopting Occupational Safety and Health training curricula in workplace and industry programmes;

4.7 Data collection

4.7.1 by compiling statistics relating to safety, health and environment at work places, prioritising key issues for action, conducting national studies or surveys or projects through governmental and non-governmental organisations;

4.7.2 by reinforcing and sharing of information and data on national occupational safety, health and environment at work place information amongst different stakeholders through a national network system on Occupational Safety and Health;

4.7.3 by extending data coverage relevant to work-related injury and disease, including measures of exposure, and occupational groups that are currently excluded, such as self-employed people;

4.7.4 by extending data systems to allow timely reporting and provision of information;

4.7.5 by developing the means for improved access to information;

4.8 Review

4.8.1 An initial review and analysis shall be carried out to ascertain the current status of safety, health and environment at workplace and building a national Occupational Safety and Health profile.

4.8.2 National Policy and the action programme shall be reviewed at least once in five years or earlier if felt necessary to assess relevance of the national goals and objectives.

5. Conclusion

- 5.1 There is a need to develop close involvement of social partners to meet the challenges ahead in the assessment and control of workplace risks by mobilising local resources and extending protection to such working population and vulnerable groups where social protection is not adequate.
- 5.2 Government stands committed to review the National Policy on Safety, Health and Environment at Workplace and legislations through tripartite consultation, improve enforcement, compilation and analysis of statistics; develop special programmes for hazardous operations and other focus sectors, set up training mechanisms, create nation-wide awareness, arrange for the mobilisation of available resources and expertise.
- 5.3 The National Policy and programme envisages total commitment and demonstration by all concerned stake holders such as Government and social partners. Our goals and objectives will be that through dedicated and concerted efforts consistent with the requirements of safety, health and environment at work place and thereby improving the quality of work and working life.

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भारत का राजपत्र The Gazette of India

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असाधारण

EXTRAORDINARY

भाग II—खण्ड 1

PART II—Section 1

प्रधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

क्र. ६२] नई दिल्ली, मंगलवार, सितम्बर २९, २०२०/अश्विन ७, १९४२ (सका)
No. 62] NEW DELHI, TUESDAY, SEPTEMBER 29, 2020/ASVINA 7, 1942 (SAKA)

इस भाग में विन्न पृष्ठ संख्या दी जाती है विषये कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given in this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE (Legislative Department)

New Delhi, the 29th September, 2020/Asvina 7, 1942 (Saka)

The following Act of Parliament received the assent of the President on the 25th September, 2020 and is hereby published for general information:—

THE OCCUPATIONAL SAFETY, HEALTH AND WORKING CONDITIONS CODE, 2020

No. 37 of 2020

[25th September, 2020.]

An Act to consolidate and amend the laws regulating the occupational safety, health and working conditions of the persons employed in an establishment and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Seventy-first Year of the Republic of India as follows:—

CHAPTER I

PREAMBLE

1. (1) This Act may be called the Occupational Safety, Health and Working Conditions Code, 2020.

(2) It shall come into force on such date as the Central Government may, by notification appoint, and different dates may be appointed for different provisions of this Code and any reference in any such provision to the commencement of this Code shall be construed as a reference to the coming into force of that provision.

श्रीमती,
सिन्हा/सोनी
and
अपुषि/सोनी

(k) It shall not apply to the offices of the Central Government, offices of the State Government and any ship of war of any nationality.

Provided that the Code shall apply in case of contract labour employed through contractor in the offices of the Central Government or in the offices of the State Government, where, the Central Government or, as the case may be, the State Government is the principal employer.

Definitions:

2. (1) In this Code, unless the context otherwise requires—

(a) "adolescent" shall have the same meaning as assigned to it in clause (i) of section 2 of the Child and Adolescent Labour (Prohibition and Regulation) Act, 1986; 62 of 1986

(b) "adult" means a person who has completed his eighteenth year of age;

(c) "agent" when used in relation to a mine, means every person, whether appointed or not, who, acting or purporting to act on behalf of the owner, takes part in the management, control, supervision or direction of such mine or of any part thereof;

(d) "appropriate Government" means—

(i) in relation to, establishments [other than those specified in sub-clause (ii)] carried on by or under the authority of the Central Government or concerning any such controlled industry as may be specified in this behalf by the Central Government or the establishment of railways including metro railways, mines, oil field, major ports, or transport service or telecommunication service, banking company or any insurance company (by whatever name called) established by a Central Act or a corporation or other authority established by a Central Act or a Central public sector undertaking or subsidiary companies set up by the Central public sector undertakings or autonomous bodies owned or controlled by the Central Government, including establishment of contractors for the purposes of such establishment, corporation or other authority, Central public sector undertakings, subsidiary companies or autonomous bodies, as the case may be, the Central Government

Provided that in the case of Central Public Sector Undertakings the appropriate Government shall continue to be the Central Government even if the holding of the Central Government reduces to less than fifty per cent. equity of the Central Government in that Public Sector Undertakings after the commencement of this Code; and

(ii) in relation to a factory, motor transport undertaking, plantation, newspaper establishment and establishment relating to beedi and cigar including the establishments not specified in clause (i), the concerned State Government where it is situated.

Explanation.—For the removal of doubts it is hereby clarified that State Government shall be the appropriate Government in respect of occupational safety, health and working conditions in a factory situated in that State;

(e) "audio-visual production" means audio-visual produced wholly or partly in India and includes—

(i) animation, cartoon depiction, audio-visual advertisement;

(ii) digital production or any of the activities in respect of making thereof; and

(iii) features films, non-feature films, television, web-based serials, talk shows, reality shows and spot shows;

(f) "audio-visual worker" means a person, who is employed, directly or through any contractor, in or in connection with the audio-visual production to work as an

artist including actor, musician, singer, anchor, news reader, dancer, dubbing artist or stunt person or to do any work, skilled, unskilled, manual, supervisory, technical, artistic or otherwise, and his remuneration with respect to such employment in or in connection with the production of audio-visual does not exceed, where remuneration is by way of monthly wage or where such remuneration is by way of lump sum, in each case, such amount as may be notified by the Central Government.

10 of 1949

(g) "banking company" means a banking company as defined in clause (c) of section 5 of the Banking Regulation Act, 1949 and includes the Export-Import Bank of India, the Industrial Reconstruction Bank of India, the Small Industries Development Bank of India established under section 3 of the Small Industries Development Bank of India Act, 1989, the Reserve Bank of India, the State Bank of India, a corresponding new bank constituted under section 3 of the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1970, a corresponding new bank constituted under section 3 of the Banking Companies (Acquisition and Transfer of Undertakings) Act, 1980.

19 of 1989

5 of 1970

40 of 1980

(h) "building or other construction work" means the construction, alteration, repair, maintenance or demolition in relation to buildings, streets, roads, railways, tramways, airfields, irrigation, drainage, embankment and navigation works, flood control works (including storm water drainage works), generation, transmission and distribution of power, water works (including channels for distribution of water), oil and gas installations, electric lines, internet towers, wireless, radio, television, telephone, telegraph and overseas communications, dams, canals, reservoirs, watercourses, tunnels, bridges, viaducts, aqueducts, pipelines, towers, cooling towers, transmission towers and such other work as may be specified in this behalf by the Central Government, by notification, but does not include building or other construction work which is related to any factory or mine and the building or other construction work where such work is for own residential purposes of an individual or group of individuals for their own residence and the total cost of such work does not exceed rupees fifty lakhs or such higher amount and employing more than such number of workers as may be notified by the appropriate Government.

(i) "building worker" means a person who is employed to do any highly skilled, skilled, semi-skilled or unskilled, manual, technical or clerical work for hire or reward, whether the terms of such employment are express or implied, in connection with any building or other construction work, but does not include any such person who is employed mainly in a managerial or supervisory or administrative capacity.

(j) "cargo" includes anything carried or to be carried in a ship or other vessel, or vehicle.

(k) "Chief Inspector-cum-Facilitator" means a Chief Inspector-cum-Facilitator appointed under sub-section (5) of section 34;

(l) "competent person", means a person or an institution recognised as such by the Chief Inspector-cum-Facilitator for the purposes of carrying out tests, examinations and inspections required to be done in an establishment having regard to—

(i) the qualifications and experience of the person and facilities available at his disposal, or

(ii) the qualifications and experience of the persons employed in such institution and facilities available therein.

Provided that in case of mines the competent person includes such other person who is authorized by the manager referred to in section 67 to supervise or perform any work, or to supervise the operation of machinery, plant or equipment and is responsible for such duties assigned to him and also includes a shot fire or blaster.

(e) "contract labour" means a worker who shall be deemed to be employed in or in connection with the work of an establishment when he is hired in or in connection with such work by or through a contractor, with or without the knowledge of the principal employer and includes inter-State migrant worker but does not include a worker (other than part time employee) who is regularly employed by the contractor for any activity of his establishment and his employment is governed by mutually accepted standards of the conditions of employment (including engagement on permanent basis), and gets periodical increment in the pay, social security coverage and other welfare benefits in accordance with the law for the time being in force in such employment;

(w) "contractor", in relation to an establishment, means a person, who—

(i) undertakes to produce a given result for the establishment, other than a mere supply of goods or articles of manufacture to such establishment, through contract labour; or

(ii) supplies contract labour for any work of the establishment as mere human resource,

and includes a sub-contractor;

(s) "controlled industry" means any industry the control of which by the Central Government has been declared under any Central Act in the public interest;

(p) "core activity of an establishment" means any activity for which the establishment is set up and includes any activity which is essential or necessary to such activity;

Provided that the following shall not be considered as essential or necessary activity, if the establishment is not set up for such activity, namely —

(i) sanitation works, including sweeping, cleaning, dusting and collection and disposal of all kinds of waste;

(ii) watch and ward services including security services;

(iii) canteen and catering services;

(iv) loading and unloading operations;

(v) running of hospitals, educational and training institutions, guest houses, clubs and the like where they are in the nature of support services of an establishment;

(vi) coterie services which are in nature of support services of an establishment;

(vii) civil and other constructional works, including maintenance;

(viii) gardening and maintenance of lawns and other like activities;

(ix) housekeeping and laundry services, and other like activities, where these are in nature of support services of an establishment;

(x) transport services including ambulance services;

(xi) any activity of intermittent nature even if that constitutes a core activity of an establishment;

(q) "day" means a period of twenty-four hours beginning at mid-night;

(r) "District Magistrate", in relation to any mine, means the District Magistrate or the Deputy Commissioner, or the case may be, who is vested with the executive powers of maintaining law and order in the revenue district in which the mine is situated;

Provided that in case of a mine, which is situated partly in one district and partly in another, the District Magistrate for the purpose shall be the District Magistrate authorised in this behalf by the Central Government;

(x) "dock work" means any work in or within the vicinity of any port in connection with, or required for, or incidental to, the loading, unloading, movement or storage of cargoes into or from ship or other vessel, pier, dock, storage place or landing place, and includes—

(i) work in connection with the preparation of ships or other vessels for receipt or discharge of cargoes or leaving port;

(ii) all repairing and maintenance processes connected with any hold, tank structure or lifting machinery or any other storage area on board the ship or in the docks; and

(iii) chipping, painting or cleaning of any hold, tank, structure or lifting machinery or any other storage area on board the ship or in the docks;

(y) "employee" means,—

(i) in respect of an establishment, a person (other than an apprentice engaged under the Apprentices Act, 1961) employed on wages by an establishment to do any skilled, semi-skilled, unskilled, manual, operational, supervisory, managerial, administrative, technical, clerical or any other work, whether the terms of employment be express or implied; and

(ii) a person declared to be an employee by the appropriate Government, but does not include any member of the Armed Forces of the Union;

Provided that notwithstanding anything contained in this clause, in case of a mine a person is said to be "employed" in a mine who works as the manager or who works under appointment by the owner, agent or manager of the mine or with the knowledge of the manager, whether for wages or not—

(a) in any mining operation (including the concomitant operations of handling and transport of minerals up to the point of dispatch and of gathering sand and transport thereof to the mine);

(b) in operations or services relating to the development of the mine including construction of plant therein but excluding construction of buildings, roads, wells and any building work not directly connected with any existing or future mining operations;

(c) in operating, servicing, maintaining or repairing any part of any machinery used in or about the mine;

(d) in operations, within the premises of the mine, of loading for dispatch of minerals;

(e) in any office of mine;

(f) in any welfare, health, sanitary or conservancy services required to be provided under this Code relating to mine, or wick and ward, within the premises of the mine excluding residential sites; or

(g) in any kind of work, whatsoever, which is preparatory or incidental to, or connected with, mining operations;

(ii) "employer" means a person who employs, whether directly or through any person, or on his behalf, or on behalf of any person, one or more employees in his establishment and where the establishment is carried on by any Department of the Central Government or the State Government, the authority specified by the head of

such Department, in this behalf or where no authority is so specified, the head of the Department and in relation to an establishment carried on by a local authority, the Chief Executive of that authority, and includes—

(i) in relation to an establishment which is a factory, the occupier of the factory;

(ii) in relation to mine, the owner of the mine, agent or manager referred to in section 67;

(iii) in relation to any other establishment, the person who, or the authority which has ultimate control over the affairs of the establishment and where said affairs are entrusted to a manager or managing director, such manager or managing director;

(iv) contractor; and

(v) legal representative of a deceased employee;

(v) "establishment" means—

(i) a place where any industry, trade, business, manufacturing or occupation is carried on in which ten or more workers are employed; or

(ii) motor transport undertaking, newspaper establishment, audio-video production, building and other construction work or plantation, in which ten or more workers are employed; or

(iii) factory, for the purpose of Chapter II, in which ten or more workers are employed, notwithstanding the threshold of workers provided in clause (iv); or

(iv) a mine or port or vicinity of port where dock work is carried out.

Provided that in sub-clauses (i) and (ii), the threshold of worker specified therein shall not be applicable in case of such establishment or class of establishments, in which such hazardous or life threatening activity is being carried on, as may be notified by the Central Government.

Provided further that notwithstanding any threshold provided in the definition of factory in clause (iv), for the purposes of Chapter II, the establishment specified in sub-clause (i) or sub-clause (ii) or sub-clause (iii) shall be deemed to be the establishment within the meaning of this clause though the number of employees employed are ten or more.

(vi) "factory" means an premises including the precincts thereof—

(i) wherein twenty or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on; or

(ii) wherein fifty or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power, or is ordinarily so carried on.

but does not include a mobile unit belonging to the armed forces of the Union, railway running shed or a hotel, restaurant or eating place.

Provided that where under any law for the time being in force in a State immediately before the commencement of this Code, the number of workers specified is more or less than the number specified in clause (i) or clause (ii), then, the number specified under the law of the State shall prevail in that State till it is amended by the competent Legislature.

Explanation I—For computing the number of workers for the purposes of this clause all the workers (in different groups and relays) in a day shall be taken into account.

Explanation II—For the purposes of this clause, the mere fact that an Electronic Data Processing Unit or a Computer Unit is installed in any premises or part thereof, shall not be construed as factory if no manufacturing process is being carried on in such premises or part thereof;

(x) "family", when used in relation to a worker, means—

(i) spouse;

(ii) children including adopted children of the worker who are dependent upon him and have not completed the age of eighteen years; and

(iii) parents, grand-parents, widowed daughter and widowed sister dependent upon such worker.

Explanation—For the purposes of this clause, such dependents shall not be included who are, for the time being, getting such income from such sources, as may be prescribed by the appropriate Government:

(y) "godown" means any warehouse or other place, by whatever name called, used for the storage of any article or substance required for any manufacturing process which means any process for, or incidental to, making, finishing or packing or otherwise treating any article or substance with a view to its use, sale, transport, delivery or disposal as finished products.

(z) "hazardous" means involving danger or potential danger.

(za) "hazardous process" means any process or activity in relation to an industry or plantation specified in the First Schedule where, unless special care is taken, raw materials used therein or the intermediates or finished products, bye-products, hazardous substances, wastes or effluents thereof or spraying of any pesticides, insecticides or chemicals used therein, as the case may be, would—

(i) cause material impairment to the health of the persons engaged in or connected therewith, or

(ii) result in the pollution of the general environment.

(zb) "hazardous substance" means any substance or such quantity of the substance as may be prescribed by the appropriate Government or preparation of which by reason of its chemical or physico-chemical properties or handling is liable to cause physical or health hazards to human being or may cause harm to other living creatures, plants, micro-organisms, property or the environment.

(zc) "industrial premises" means any place or premises (not being a private dwelling house), including the precincts thereof, in which or in any part of which any industry, trade, business, occupation or manufacturing is being ordinarily carried on with or without the aid of power and (includes a godown attached thereto).

(zd) "industry" means any systematic activity carried on by co-operation between an employer and worker (whether such worker is employed by such employer directly or by or through any agency, including a contractor) for the production, supply or distribution of goods or services with a view to satisfy human wants or wishes (not being wants or wishes which are merely spiritual or religious in nature), whether or not—

(i) any capital has been invested for the purpose of carrying on such activity; or

(i) such activity is carried on with a motive to make any gain or profit;

but does not include—

(a) institutions owned or managed by organisations wholly or substantially engaged in any charitable, social or philanthropic services; or

(A) any activity of the appropriate Government relating to the sovereign functions of the appropriate Government, including all the activities carried on by the Department of the Central Government dealing with defence research, atomic energy and space; or

(c) any domestic service; or

(d) any other activity as may be notified by the Central Government;

(16) "Inspector-cum-Facilitator" means an Inspector-cum-Facilitator appointed under sub-section (1) of section 34;

(17) "inter-State migrant worker" means a person who is employed in an establishment and who—

(i) has been recruited directly by the employer or indirectly through contractor in one State for employment in such establishment situated in another State; or

(ii) has come on his own from one State and obtained employment in an establishment of another State (hereinafter called destination State) or has subsequently changed the establishment within the destination State,

under an agreement or other arrangement for such employment and draws wages not exceeding the amount of rupees eighteen thousand per month or such higher amount as may be notified by the Central Government from time to time;

(18) "machinery" means any article or combination of articles assembled, arranged or connected and which is used or intended to be used for converting any form of energy to perform work, or which is used or intended to be used, whether incidental thereto or not, for developing, receiving, storing, containing, confining, transforming, transmitting, transferring or controlling any form of energy;

(19) "major port" means a major port as defined in clause (a) of section 3 of the Indian Ports Act, 1908.

13 of 1908.

(21) "manufacturing process" means any process for—

(i) making, altering, repairing, overhauling, finishing, packing, oiling, washing, cleaning, breaking up, demolishing, or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or

(ii) pumping oil, water, sewage or any other substance; or

(iii) generating, transforming or transmitting power; or

(iv) composing, printing, printing by letter press, lithography, offset, photogravure screen printing, three dimensional or four dimensional printing, prototyping, flexography or other types of printing process or book binding; or

(v) constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or

(vi) preserving or storing any article in cold storage; or

(vii) such other processes as the Central Government may notify;

(c) "medical officer" means the medical officer appointed under sub-section (f) of section 42.

60 of 2002.

(ek) "metro railway" means the metro railway as defined in sub-clause (i) of clause (f) of section 2 of the Metro Railways (Operation and Maintenance) Act, 2002;

(el) "mine" means any excavation where any operations for the purpose of searching for or obtaining minerals has been or is being carried on and includes—

(i) all borings, bore holes, oil wells and accessory crude conditioning plants, including the pipe conveying mineral oil within the oilfields;

(ii) all shafts, in or adjacent to and belonging to a mine, whether in the course of being sunk or not;

(iii) all levels and inclined planes in the course of being driven;

(iv) all open cast workings;

(v) all conveyors or aerial ropeways provided for bringing into or removal from a mine of minerals or other articles or for the removal of refuse therefrom;

(vi) all adits, levels, planes, machinery, works, railways, tramways and sidings in or adjacent to and belonging to a mine;

(vii) all projective works being carried out in or adjacent to a mine;

(viii) all workshops and stores situated within the premises of a mine and under the same management and used primarily for the purposes connected with that mine or a number of mines under the same management;

(ix) all power stations, transformer sub-stations, converter stations, rectifier stations and accumulators storage stations for supplying electricity solely or mainly for the purpose of working the mine or a number of mines under the same management;

(x) any premises for the time being used for depositing sand or other material for use in a mine or for depositing refuse from a mine or in which any operations in connection with such sand, refuse or other material is being carried on, being premises exclusively occupied by the owner of the mine;

(xi) any premises in or adjacent to and belonging to a mine on which any process auxiliary to the getting, dressing or preparation for sale of minerals or coke is being carried on;

(xii) a mine owned by the Government;

(em) "minerals" means all substances which can be obtained from the earth by mining, digging, drilling, dredging, hydraulic mining, quarrying or by any other operation and includes mineral oils (such as natural gas and petroleum);

(en) "motor transport undertaking" means a motor transport undertaking employing motor transport worker and engaged in carrying passengers or goods or both by road for hire or reward, and includes a private courier;

(eo) "motor transport worker" means a person who is employed in a motor transport undertaking directly or through an agency, whether for wages or not, to work in a professional capacity on a transport vehicle or to attend the duties in connection with the arrival, departure, loading or unloading of such transport vehicle and includes a driver, conductor, cleaner, station staff, line checking staff, booking clerk, wash clock, depot clerk, time-keeper, washman or attendant, but does not include any such person—

(i) who is employed in a factory;

(c) to whom the provisions of any other law for the time being in force regulating the conditions of service of persons employed in shops or commercial establishments apply;

(17) "newspaper" means any printed periodical work containing public news or comments on public news and includes such other class of printed periodical work as may, from time to time, be notified in this behalf by the Central Government;

(18) "newspaper establishment" means an establishment under the control of any person or body of persons, whether incorporated or not, for the production or publication of one or more newspapers or for conducting any news agency or syndicate and includes following newspaper establishments which shall be deemed to be one establishment, namely:—

(i) two or more newspaper establishments under common control;

(ii) two or more newspaper establishments owned by an individual and his or her spouse unless it is shown that such spouse is a sole proprietor or partner or a shareholder of a corporate body on the basis of his or her own individual funds;

(iii) two or more newspaper establishments publishing newspapers bearing the same or similar title and in the same language in any place in India or bearing the same or similar title but in different languages in the same State or Union territory;

Explanation 1.—For the purposes of sub-clause (i) two or more establishments shall be deemed to be under common control where—

(a) (i) the newspaper establishments are owned by a common individual or individuals;

(ii) the newspaper establishments are owned by firms, if such firms have a substantial number of common partners;

(iii) the newspaper establishments are owned by bodies corporate, if one body corporate is a subsidiary of the other body corporate, or firms are subsidiaries of a common holding company or a substantial number of their equity shares are owned by the same person or group of persons, whether incorporated or not;

(iv) one establishment is owned by a body corporate and the other is owned by a firm, if a substantial number of partners of the firm together hold a substantial number of equity shares of the body corporate;

(v) one is owned by a body corporate and the other is owned by a firm having bodies corporate as its partners if a substantial number of equity shares of such bodies corporate are owned, directly or indirectly, by the same person or group of persons, whether incorporated or not, or

(b) there is functional integrity between concerned newspaper establishments;

Explanation 2.—For the purposes of this clause—

(i) different departments, branches and centres of newspaper establishments shall be treated as parts thereof;

(ii) a printing press shall be deemed to be a newspaper establishment if the principal business thereof is to print newspaper;

(19) "notification" means a notification published in the Gazette of India or the Official Gazette of a State, as the case may be, and the expression "notify" with its grammatical variations and cognate expressions shall be construed accordingly.

(rz) "occupier" of a factory means the person who has ultimate control over the affairs of the factory;

Provided that—

(i) in the case of a firm or other association of individuals, any one of the individual partners or members thereof;

(ii) in the case of a company, any one of the directors, except any independent director within the meaning of sub-section (f) of section 149 of the Companies Act, 2013;

(iii) in the case of a factory owned or controlled by the Central Government or any State Government, or any local authority, the person or persons appointed to manage the affairs of the factory by the Central Government, the State Government or the local authority or such other authority as may be prescribed by the Central Government,

shall be deemed to be the occupier:

Provided further that in the case of a ship which is being repaired, or on which maintenance work is being carried out, in a dry dock which is available for hire, the owner of the dock shall be deemed to be the occupier for all purposes except the matters as may be prescribed by the Central Government which are directly related to the condition of ship for which the owner of ship shall be deemed to be the occupier:

(rf) "office of the mine" means an office at the surface of the mine concerned;

(rg) "open cast working" means a quarry, that is to say, an excavation where any operation for the purpose of searching for or obtaining minerals has been or is being carried on, not being a shaft or an excavation which extends below superficial ground;

(rv) "ordinarily employed" with reference to any establishment or part thereof, means the average number of persons employed per day in the establishment or part thereof during the preceding calendar year obtained by dividing the number of man days worked by the number of working days excluding rest days and other non-working days;

(rw) "owner", in relation to a mine, means any person who is the immediate proprietor or lessee or occupier of the mine or of any part thereof and in case of a mine the business whereof is being carried on by a liquidator or receiver, such liquidator or receiver; but does not include a person who merely receives a royalty, rent or fee from the mine, or is merely the proprietor of the mine, subject to any lease grant or licence for the working thereof, or is merely the owner of the soil and not interested in the minerals of the mine; but any contractor or sub-lessee for the working of a mine or any part thereof shall be subject to this Code in like manner as if he were an owner but not so as to exempt the farmer from any liability;

(rx) "plantation" means—

(a) any land used or intended to be used for—

(i) growing tea, coffee, rubber, cinchona or cardamom which admeasures five hectares or more;

(ii) growing any other plant, which admeasures five hectares or more and in which persons are employed or were employed on any day of the preceding twelve months, if, after obtaining the approval of the Central Government, the State Government, by notification, so directs;

Explanation.—Where any piece of land used for growing any plant referred to in this sub-clause admeasures less than five hectares and is

contiguous to any other piece of land not being so used, but capable of being so used, and both such pieces of land are under the management of the same employer, then, for the purposes of this sub-clause, the former piece of land shall be deemed to be a plantation, if the total area of both such pieces of land admeasures five hectares or more; and

(b) any land which the State Government may, by notification, declare and which is used or intended to be used for growing any plant referred to in sub-clause (a), notwithstanding that it admeasures less than five hectares;

Provided that no such declaration shall be made in respect of such land which admeasures less than five hectares immediately before the commencement of this Code; and

(c) offices, hospitals, dispensaries, schools and any other premises used for any purpose connected with any plantation within the meaning of sub-clause (a) and sub-clause (b); but does not include factory on the premises;

(zy) "prescribed" means prescribed by rules made by the appropriate Government under this Code;

(zz) "principal employer", where the contract labour is employed or engaged, means—

(i) in relation to any office or Department of the Government or a local authority, the head of that office or Department or such other officer as the Government or the local authority, may specify in this behalf;

(ii) in a factory, the owner or occupier of the factory and where a person has been named as the manager of the factory, the person so named;

(iii) in a mine, the owner or agent of the mine;

(iv) in relation to any other establishment, any person responsible for the supervision and control of the establishment;

(zsa) "producer", in relation to audio-visual production, means the company, firm or other person by whom the arrangements necessary for producing such audio-visual (including the raising of finances and engaging audio-visual workers for producing audio-visual) are undertaken.

Explanation—For the purposes of this clause, the expressions "company" and "firm" have the same meaning as respectively assigned to them in the Companies Act, 2013 and the Indian Partnership Act, 1932;

18 of 2013,
9 of 1932.

(zsb) "qualified medical practitioner" means a medical practitioner who possesses any recognised medical qualification as defined in clause (f) of section 2 of the Indian Medical Council Act, 1956 and who is enrolled on a Indian Medical Register as defined in clause (e) and on a State Medical Register as defined in clause (f) of the said section;

102 of 1956.

(zsc) "railway" means the railway as defined in clause (31) of section 2 of the Railways Act, 1989.

24 of 1989.

(zsd) "relay" means a set of two or more persons carrying out the same kind of work during different periods of the day and each such period is called a "shift";

(zse) "sales promotion employees" means any person by whatever name called employed or engaged in any establishment for hire or reward to do any work relating to promotion of sales or business, or both, but does not include any such person who,—

(i) being employed or engaged in a supervisory capacity, draws wages exceeding eighteen thousand rupees per mensem or an amount as may be notified by the Central Government from time to time; or

(vi) is employed or engaged mainly in a managerial or administrative capacity;

(zzf) "Schedule" means the Schedule appended to this Code;

(zzg) "serious bodily injury" means any injury which involves, or in all probability will involve, the permanent loss of any part or section of a body or the use of any part or section of a body, or the permanent loss of or injury to the sight or hearing or any permanent physical incapacity or the fracture of any bone or one or more joints or bones of any phalanges of hand or foot;

(zzh) "standards", "regulations", "rules", "bye-laws" and "orders" respectively means standards, regulations, rules, bye-laws and orders made or declared, as the case may be, under this Code;

(zzi) "telecommunication service" means the telecommunication service as defined in clause (A) of sub-section (7) of section 2 of the Telecom Regulatory Authority of India Act, 1997;

(zj) "wages" means all remuneration whether by way of salaries, allowances or otherwise, expressed in terms of money or capable of being so expressed which would, if the terms of employment, express or implied, were fulfilled, be payable to a person employed in respect of his employment or of work done in such employment, and includes—

(i) basic pay;

(ii) dearness allowance; and

(iii) retaining allowance, if any,

but does not include—

(a) any bonus payable under any law for the time being in force, which does not form part of the remuneration payable under the terms of employment;

(b) the value of any house-accommodation, or of the supply of light, water, medical attendance or other amenity or of any service excluded from the computation of wages by a general or special order of the appropriate Government;

(c) any contribution paid by the employer to any pension or provident fund, and the interest which may have accrued thereon;

(d) any conveyance allowance or the value of any travelling concession;

(e) any sum paid to the employed person to defray special expenses entailed on him by the nature of his employment;

(f) house rent allowance;

(g) remuneration payable under any award or settlement between the parties or order of a court or Tribunal;

(h) any overtime allowance;

(i) any commission payable to the employee;

(j) any gratuity payable on the termination of employment;

(k) any retrenchment compensation or other retirement benefit payable to the employee or any *ex gratia* payment made to him on the termination of employment;

Provided that, for calculating the wages under this clause, if payments made by the employer to the employee under sub-clauses (r) to (i) exceeds

one-half, or such other per cent. as may be notified by the Central Government, of the all remuneration calculated under this clause, the amount which exceeds such one-half, or the per cent. so notified, shall be deemed as remuneration and shall be accordingly added to wages under this clause.

Provided further that for the purpose of equal wages to all genders and for the purpose of payment of wages, the emoluments specified in sub-clauses (d), (f), (g) and (h) shall be taken for computation of wages.

Explanation—Where an employee is given in lieu of the whole or part of the wages payable to him, any remuneration in kind by his employer, the value of such remuneration in kind which does not exceed fifteen per cent. of the total wages payable to him, shall be deemed to form part of the wages of such employee.

(24) "Week" means a period of seven days beginning at midnight on Saturday night or such other night as may be approved in writing for a particular area by the Chief Inspector-cum-Facilitator.

(25) "worker" means any person employed in any establishment to do any manual, unskilled, skilled, technical, operational, clerical or supervisory work for hire or reward, whether the terms of employment be express or implied, and includes working journalist and sales promotion employees, but does not include any such person—

(i) who is subject to the Air Force Act, 1950, or the Army Act, 1950, or the Navy Act, 1957; or

45 of 1950,
46 of 1950,
82 of 1957

(ii) who is employed in the police service or as an officer or other employee of a prison; or

(iii) who is employed mainly in a managerial or administrative capacity; or

(iv) who is employed in a supervisory capacity drawing wage exceeding eighteen thousand rupees per month or an amount as may be notified by the Central Government from time to time.

(26) "Working Journalist" means a person whose principal avocation is that of a journalist and who is employed as such, either whole-time or part-time, in, or in relation to, one or more newspaper establishments, or other establishments relating to any electronic media or digital media such as newspaper or radio or other like media and includes an editor, a leader-writer, news editor, sub-editor, feature-writer, copy-logger, reporter, correspondent, cartoonist, news-photographer and proof-readers, but does not include any such person who is employed mainly in a managerial, supervisory or administrative capacity.

(2) For the purposes of this Code, a person working or employed in or in connection with mine is said to be working or employed—

(a) "below ground" if he is working or employed—

(i) in a shaft which has been or is in the course being sunk; or

(ii) in any excavation which extends below superficial ground; and

(b) "above ground" if he is working in an open-cut working or in any other manner not specified in clause (a).

CHAPTER II

Registration

3. (1) Every employer of any establishment—

- (a) which comes into existence after the commencement of this Code; and
- (b) to which this Code shall apply

shall, within sixty days from the date of such applicability of this Code, make an application electronically to the registering officer appointed by the appropriate Government (hereinafter referred to as the registering officer) for the registration of such establishment:

Provided that the registering officer may entertain any such application for registration after the expiry of such period on payment of such late fees as may be prescribed by the appropriate Government.

(2) Every application under sub-section (1) shall be submitted to the registering officer in such manner, in such form, containing such particulars including the information relating to the employment of inter-State migrant workers and shall be accompanied by such fees as may be prescribed by the appropriate Government.

(3) After the receipt of an application under sub-section (1), the registering officer shall register the establishment and issue a certificate of registration electronically to the employer thereof in such form and within such time and subject to such conditions as may be prescribed by the Central Government:

Provided that if the registering officer fails to register an establishment under the application so made or to entertain the application within the prescribed period, then, such establishment shall be deemed to have been registered under this Code immediately on the expiration of such period and the electronic certificate of registration shall be auto-generated and the responsibility of such failure shall be on the registering officer.

(4) Any change in the ownership or management or in any particulars referred to in sub-section (2) which occurs after the registration of an establishment under this Code, shall be intimated by the employer electronically to the registering officer within thirty days of such change in such form as may be prescribed by the Central Government and thereafter the registering officer shall make amendment in the certificate of registration electronically in such manner as may be prescribed by the Central Government.

(5) The employer of an establishment shall, within thirty days of the closing of the establishment—

- (a) inform the closing of such establishment; and
- (b) certify payment of all dues to the workers employed in such establishment.

to the registering officer in such manner as may be prescribed by the Central Government and the registering officer shall, on receiving such information and certificate remove such establishment from the register of establishments maintained by him and cancel the registration certificate of the establishment within sixty days from the receipt of such information:

Provided that if the registering officer fails to cancel the registration certificate of the establishment under this sub-section within such sixty days, then, the registration certificate of such establishment shall be deemed to have been cancelled under this Code immediately on the expiration of such period of sixty days and the cancellation of registration certificate shall be auto-generated and the responsibility of such failure shall be on the registering officer.

(6) If an employer of an establishment—

- (a) has obtained the registration of his establishment by misrepresentation or suppression of any material fact, or

Registration
of certain
establishments

(b) has obtained the registration of his establishment so fraudulently or otherwise that the registration has become useless or ineffective to run the establishment,

then, in case of clause (a) such misrepresentation or suppression of any material fact shall be deemed to be the contravention of the provisions of this Code for prosecution of the employer under section 94 without affecting the registration and running of the establishment and in case of clause (b) the registering officer may, after giving an opportunity to the employer of the establishment to be heard, revoke the registration by an order and such process for revocation shall be completed by the registering officer within sixty days from coming into his notice the facts specified in clause (b).

(7) No employer of an establishment who—

(a) has not registered the establishment under this section, or

(b) has not preferred appeal under section 4 against the cancellation of the registration certificate of the establishment under sub-section (3) or revocation of the registration of the establishment under sub-section (6) or the appeal so preferred has been dismissed,

shall employ any employee in the establishment.

(2) Notwithstanding anything contained in this Code, where any establishment, to which this Code applies, has already been registered under any—

(a) Central Labour law; or

(b) any other law which may be notified by the Central Government and which applies to the establishment which is in existence at the time of the commencement of this Code,

shall be deemed to have been registered under the provisions of this Code, subject to the condition that the registration holder provides the details of registration to the concerned registering officer within such time and in such form as may be prescribed.

Appeal:

4. (1) Any person aggrieved by an order made under section 3 may, within thirty days from the date on which the order is communicated to him, prefer an appeal to an appellate officer who shall be a person notified in this behalf by the appropriate Government;

Provided that the appellate officer may entertain the appeal after the expiry of the said period of thirty days, if he is satisfied that the appellant was prevented by sufficient cause from filing the appeal in time.

(2) On receipt of an appeal under sub-section (1), the appellate officer shall, after giving the appellant an opportunity of being heard, dispose of the appeal within a period of thirty days from the date of receipt of such appeal.

Notice by employer of commencement and cessation of operations:

5. (1) No employer of an establishment being factory or mine or relating to contract labour or building or other construction work shall use such establishment to commence the operation of any industry, trade, business, manufacturing or occupation thereon without sending notice of such purpose in such form and manner and to such authority and within such time as may be prescribed and shall also intimate the cessation thereof to the said authority in such manner as may be prescribed by the appropriate Government.

(2) The notice or intimation under sub-section (1) shall be given electronically.

CHAPTER III

DUTIES OF EMPLOYER AND EMPLOYEES, ETC.

Duties of employer:

6. (1) Every employer shall—

(a) ensure that workplace is free from hazards which cause or are likely to cause injury or occupational disease to the employees;

(k) comply with the occupational safety and health standards declared under section 18 or the rules, regulations, bye-laws or orders made under this Code;

(l) provide such annual health examination or test free of costs to such employees of such age or such class of employees of establishments or such class of establishments, as may be prescribed by the appropriate Government;

(m) provide and maintain, as far as is reasonably practicable, a working environment that is safe and without risk to the health of the employees;

(n) ensure the disposal of hazardous and toxic waste including disposal of e-waste;

(o) issue a letter of appointment to every employee on his appointment in the establishment, with such information and in such form as may be prescribed by the appropriate Government and where an employee has not been issued such appointment letter on or before the commencement of this Code, he shall, within three months of such commencement, be issued such appointment letter;

(p) ensure that no charge is levied on any employee, in respect of anything done or provided for maintenance of safety and health at workplace including conduct of medical examination and investigation for the purpose of detecting occupational diseases;

(q) relating to factory, mine, dock work, building or other construction work or plantation, ensure and be responsible for the safety and health of employees, workers and other persons who are on the work premises of the employer, with or without his knowledge, as the case may be.

(2) Without prejudice to the generality of the provisions of sub-section (1), the duties of an employer shall particularly in respect of factory, mines, dock, building or other construction work or plantation include—

(a) the provision and maintenance of plant and systems of work in the workplace that are safe and without risk to health;

(b) the arrangements in the workplace for ensuring safety and absence of risk to health in connection with the use, handling, storage and transport of articles and substances;

(c) the provision of such information, instruction, training and supervision as are necessary to ensure the health and safety of all employees at work;

(d) the maintenance of all places of work in the workplace in a condition that is safe and without risk to health and the provision and maintenance of such means of access to, and egress from, such places as are safe and without such risk;

(e) the provision, maintenance or monitoring of such working environment in the workplace for the employees that is safe, without risk to health as regards facilities and arrangements for their welfare at work.

7. (1) The owner and agent of every mine shall jointly and severally be responsible for making financial and other provisions and for taking such other steps as may be necessary for compliance with the provisions of this Code and the rules, regulations, bye-laws and orders made thereunder, relating to mine.

Duties and responsibilities of owner, agent and manager in relation to mine.

(2) In the event of any contravention by any person whatsoever of any of the provisions of this Code or of the rules, regulations, bye-laws or orders made thereunder, relating to mine, except those which specifically require any person to do any act or thing or prohibit any person from doing an act or thing, besides the person who contravenes, then, each of the following persons shall also be deemed to be guilty of such contravention unless he

proves that he had used due diligence to secure compliance with the provisions and had taken reasonable means to prevent such contravention, namely:—

- (a) the official or officials appointed to perform duties of supervision in respect of the provisions concerned;
- (b) the manager of the mine;
- (c) the owner and agent of the mine;
- (d) the person appointed, if any, to carry out the responsibility under section 24.

(3) It shall not be a defence in any proceedings brought against the owner or agent of a mine under this section that the manager and other officials have been appointed in accordance with the provisions of this Code or that a person to carry the responsibility under section 24 has been appointed.

8. (1) Every person who designs, manufactures, imports or supplies any article for use in any establishment shall—

(a) ensure so far as is reasonably practicable, that the article is so designed and constructed in the establishment as to be safe and without risk to the health of the workers when properly used;

(b) carry out or arrange for the carrying out of such tests and examination in the establishment as may be considered necessary for the effective implementation of the provisions of clause (a);

(c) take steps as may be necessary to ensure that adequate information will be available—

(i) in connection with the use of the article in any establishment;

(ii) about the use for which such article is designed and tested; and

(iii) about any conditions necessary to ensure that the article, when put to such use, shall be safe, and without risk to the health of the workers;

Provided that where an article is designed or manufactured outside India, then it shall be obligatory on the part of the importer to see—

(A) that the article conforms to the same standards of such article manufactured in India; or

(B) if the standards adopted in the country outside India for the manufacture of such article is above the standards adopted in India, that the article conforms to such standards in such country;

(C) if there is no standard of such article in India, then, the article conforms to the standard adopted in the country from where it is imported at its national level.

(2) The designer, manufacturer, importer or supplier shall also comply with such duties as the Central Government may, in consultation with the National Occupational Safety and Health Advisory Board referred to in sub-section (1) of section 16, by regulations specify.

(3) Every person, who undertakes to design or manufacture any article and substance for use in any factory, may carry out or arrange for the carrying out of necessary research with a view to the discovery and, so far as is reasonably practicable, the elimination or minimisation of any risks to the health or safety of the workers to which the design or manufacture of article and substance may give rise to such risk.

Duties of
designers,
manufacturers,
importers or
suppliers.

(4) Nothing contained in sub-sections (1) and (2) shall be construed to require a person to repeat the testing, examination or research which has been carried out otherwise than by him or at his instance in so far as it is reasonable for him to rely on the results thereof for the purposes of the said sub-sections.

(5) Any duty imposed on any person by sub-sections (1) and (2) shall extend only to things done in the course of business carried on by him and to matters within his control.

(6) Every person,—

(a) who erects or installs any article for use in a factory, shall ensure, so far as practicable, that such article so erected or installed does not make it unsafe or a risk to health when that article is used by the persons in such factory;

(b) who manufactures, imports or supplies any substance for use in any factory shall—

(i) ensure, so far as practicable, that such substance when used in the factory does not make it unsafe or a risk to health of persons working in such factory;

(ii) carry out or arrange for carrying out of such tests and examination in relation to such substance as may be necessary;

(iii) take such steps as are necessary to secure that the information about the results of tests carried out in connection with the use of the substance as referred to in sub-clause (i) is available in a factory along with conditions necessary to ensure its safe use and no risks to health;

(c) who undertakes the manufacture of any substance for use in any factory shall carry out or arrange for carrying out of any necessary research with a view to discover and, so far as practicable, to ensure the elimination or minimisation of any risks to health or safety to which the substance may give rise out of such manufacture or research;

(7) For the purposes of this section, an article and substance is not to be regarded as properly used, if they are used without regard to any information or advice relating to their use which has been made available by the person who has designed, manufactured, imported or supplied the article and substance.

*Explanation.—*For the purpose of this section—

(a) "article" shall include plant and machinery;

(b) "substance" means any natural or artificial substance whether in a solid or liquid form or in the form of a gas or vapour; and

(c) "substance for use in any factory" means such substance, whether or not intended for use by persons working in a factory.

9. (1) It shall be the duty of the architect, project engineer or designer responsible for any building or other construction work or the design of any project or part thereof relating to such building or other construction work to ensure that, at the planning stage, due consideration is given to the safety and health aspects of the building workers and employees who are employed in the erection, operation and execution of such projects and structures at the site may be.

Duties of architect, project engineer and designer.

(2) Adequate care shall be taken by the architect, project engineer and other professionals involved in the project referred to in sub-section (1), not to include anything in the design which would involve the use of dangerous structures or other processes or materials, hazardous to health or safety of building workers and employees during the course of erection, operation and execution as the case may be.

(3) It shall also be the duty of the professionals involved in designing the buildings structures or other construction projects, to take into account the safety aspects associated with the maintenance and upkeep of the structures and buildings where maintenance and upkeep may involve such hazards as may be notified by the appropriate Government.

Notice of
certain
accident

10. (1) Where at any place in an establishment, an accident occurs which causes death, or which causes any bodily injury by reason of which the person injured is prevented from working for a period of forty-eight hours or more immediately following the accident or which is of such nature as may be prescribed by the appropriate Government, then,—

(a) employer or owner or agent or manager referred to in section 67 of such establishments if it is mine; or

(b) employer or manager in relation to such establishments if it is factory or relates to dock work; or

(c) the employer of a plantation or an establishment relating to building or other construction or any other establishment,

shall send notice thereof to such authorities, in such manner and within such time, as may be prescribed by the appropriate Government.

(2) Where a notice given under sub-section (1) relates to an accident causing death in a plantation or an establishment relating to building or other construction work or any other establishment, the authority to whom the notice is sent shall make an inquiry into the occurrence within two months of the receipt of the notice or if there is no such authority, the Chief Inspector-cum-Facilitator shall cause the Inspector-cum-Facilitator to make an inquiry within the said period.

Notice of
certain
dangerous
occurrences

11. Where in an establishment there is any dangerous occurrence of such nature, (whether causing any bodily injury or disability, or not) the employer shall send notice thereof to such authorities, and in such form and within such time, as may be prescribed by the appropriate Government.

Notice of
certain
diseases

12. (1) Where any worker in an establishment contracts any disease specified in the Third Schedule, the employer of the establishment shall send notice thereof to such authorities, and in such form and within such time, as may be prescribed by the appropriate Government.

(2) If any qualified medical practitioner attends on a person, who is or has been employed in an establishment, and who is, or is believed by the qualified medical practitioner, to be suffering from any disease specified in the Third Schedule, the medical practitioner shall without delay send a report in writing to the office of the Chief Inspector-cum-Facilitator in such form and manner and within such time as may be prescribed by the appropriate Government.

(3) If any qualified medical practitioner fails to comply with the provisions of sub-section (2), he shall be punishable with penalty which may extend to ten thousand rupees.

Duties of
employees

13. Every employee at workplace shall,—

(a) take reasonable care for the health and safety of himself and of other persons who may be affected by his acts or omissions at the workplace;

(b) comply with the safety and health requirements specified in the standards;

(c) co-operate with the employer in meeting the statutory obligations of the employer under this Code;

(d) if any situation which is unsafe or unhealthy comes to his attention, as soon as practicable, report such situation to his employer or to the health and safety representative and in case of mine, agent or manager referred to in section 67, safety officers or an official for his workplace or section thereof, as the case may be, who

shall report it to the employer in the manner as may be prescribed by the appropriate Government;

(e) not wilfully interfere with or tamper or neglect any appliance, convenience or other thing provided at workplace for the purpose of securing the health, safety and welfare of workers;

(f) not do, wilfully and without reasonable cause, anything, likely to endanger himself or others; and

(g) perform such other duties as may be prescribed by the appropriate Government.

14. (1) Every employee in an establishment shall have the right to obtain from the employer information relating to employee's health and safety at work and recourse to the employer directly or through a member of the Safety Committee as constituted under section 22, if constituted by the employer for such purpose, regarding adequate provision for protection of his safety or health in connection with the work activity in the workplace, and if not satisfied, to the Inspector-cum-Facilitator.

Right of employee.

(2) Where the employee referred to in sub-section (1) in any workplace has reasonable apprehension that there is a likelihood of imminent serious personal injury or death or imminent danger to health, he may bring the same to the notice of his employer directly or through a member of the Safety Committee referred to in sub-section (1) and simultaneously bring the same to the notice of the Inspector-cum-Facilitator.

(3) The employer or any employee referred to in sub-section (1) shall take immediate remedial action if he is satisfied about the existence of such imminent danger and send a report forthwith of the action taken to the Inspector-cum-Facilitator in such manner as may be prescribed by the appropriate Government.

(4) If the employer referred to in sub-section (3) is not satisfied about the existence of any imminent danger as apprehended by his employees, he shall, nevertheless, refer the matter forthwith to the Inspector-cum-Facilitator whose decision on the question of the existence of such imminent danger shall be final.

15. No person shall intentionally or recklessly interfere with, damage or misuse anything which is provided in the interest of health, safety or welfare under this Code.

Duty not to interfere with or misuse thing

CHAPTER IV

OCCUPATIONAL SAFETY AND HEALTH

16. (1) The Central Government shall, by notification, constitute the National Occupational Safety and Health Advisory Board (hereinafter in this Code referred to as the National Board) to discharge the functions conferred on it by or under this Code and to advise the Central Government on the matters relating to—

National Occupational Safety and Health Advisory Board.

(a) standards, rules and regulations to be declared or framed under this Code;

(b) implementation of the provisions of this Code and the standards, rules and regulations relating thereto;

(c) the issues of policy and programme relating to occupational safety and health referred to it, from time to time, by the Central Government; and

(d) any other matter in respect of this Code referred to it, from time to time, by the Central Government.

(2) The National Board shall consist of—

(a) Secretary, Ministry of Labour and Employment—Chairman *ex officio*;



NATIONAL DISASTER MANAGEMENT GUIDELINES

CHEMICAL DISASTERS



April 2007



NATIONAL DISASTER MANAGEMENT AUTHORITY
GOVERNMENT OF INDIA

National Disaster Management Guidelines

Chemical Disasters (Industrial)



National Disaster Management Authority
Government of India

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Vice Chairman
National Disaster Management Authority
Government of India

FOREWORD

Preparation of guidelines for various types of disasters forms an important part of the mandate of the National Disaster Management Authority (NDMA). Chemical Disaster (Industrial) is one such high priority subject, as it can be a highly traumatic event. At times, it can result in irreparable damage to the environment, both biotic and abiotic, and also cause fatality to a large number of population. Consequently, the work on preparation of comprehensive guidelines on Chemical disasters was undertaken on priority over a year back.

Formulation of these guidelines has involved active participation and contributions of 275 experts, including stakeholders like representatives of central ministries and departments, regulatory agencies, research and development organisations, professionals from scientific and technical institutes/academies like the National Safety Council and various DM institutes and apex industrial associations/consortia of the corporate sector. Help and advice of the officials at the functional level were also taken to incorporate practical aspects of the functioning.

The work commenced with an Extended Group of approximately 60 experts, identifying 'the felt needs' and determining the critical objectives. A Core Group of 8 members, constituted out of this group, thereafter, prepared draft guidelines taking into account the operational, administrative, financial and legal aspects. These draft papers were reviewed extensively, a number of times by the Extended Group, and then finalized in a national workshop held at the Disaster Management Institute, Bhopal.

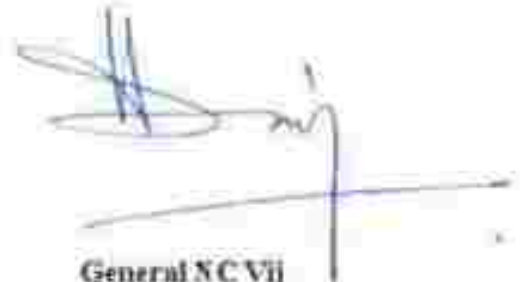
The underlying philosophy of these guidelines is to build on existing structures and mechanisms. The 'National Disaster Management Guidelines—Chemical Disasters' document calls for a proactive, participatory, well-structured, fail-safe, multi-disciplinary and multi-sectoral approach involving all stakeholder groups, aimed at refining and strengthening the national mechanisms in this field, from stages of planning to field operations. These guidelines contain all the details that are required by the planners and implementers and will help in the preparation of plans by the central ministries/departments and the states.

I take this opportunity to express my deep appreciation of the commitment of various stakeholder groups who extended their willing support and cooperation to our efforts. I am grateful to the members of the Core Group, who put in endless hours of work. I also wish to convey my gratitude to the members of the NDMA, Extended Group, and other experts whose contributions have resulted into the preparation

Contd.

of these guidelines. I would also like to commend the significant contributions made by the Ministry of Environment and Forests, the National Safety Council, Mumbai and the Disaster Management Institute, Bhopal in preparation of these guidelines. And finally, I am pleased to place on record my sincere appreciation for Lt Gen (Dr.) J.R. Bhardwaj, PVSM, AVSM, VSM, FHS (Retd), Member, NDMA, who guided and coordinated the entire exercise.

New Delhi
30 April 2007



General SC Vij
PVSM, UYSM, AVSM (Retd)



Member
National Disaster Management Authority
Government of India

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I am thankful to the Core Group Members for their untiring efforts in helping the NDMA in the formulation of the National Guidelines on Chemical Disaster Management. I would like to place on record the significant contribution made by the Ministry of Environment and Forests, New Delhi and National Safety Council, Mumbai for helping in designing the format of the document and providing lots of technical inputs from time-to-time. The Disaster Management Institute, Bhopal also deserves special recognition for providing inputs related to On-Site and Off-Site emergency plans.

I would also like to express my sincere thanks to the representatives of the other central ministries and departments concerned, regulatory agencies, R&D organisations, professionals from scientific and technical institutes/academics, technocrats from leading national institutions and apex industrial associations/consortiums of the corporate sectors for the valuable inputs that helped us in improving the content and presentation of the document.

The efforts of Dr. Rakesh Kumar Sharma, Scientist 'F' and Additional Director, Defence Research Laboratory, Tezpur, Assam, and Dr. Raman Chawla, Senior Research Officer, NDMA, in providing knowledge-based technical inputs to the core group, are highly appreciated. Thanks are also due to Mr. Rubaab Sood and the secretarial staff of the NDMA including Mr. Deepak Sharma and Mr. D.K. Ray for their dedicated work during the convening of various workshops, meeting and preparation of the final document.

Finally, I would like to express my gratitude to General N.C. Vij, PVSM, UYSM, AVSM (Retd), Vice Chairman, NDMA and all Members of the NDMA for their constructive criticism and suggestions that guided us in formulating these guidelines.

New Delhi
30 April 2007

Lt Gen (Dr) JR Bhardwaj
PVSM, AVSM, VSM, PHS (Retd)
MD DCP PhD FICP FAMS FRC Path (London)

Abbreviations

ADPC	Asian Disaster Preparedness Centre
AERB	Atomic Energy Regulatory Board
AMAI	Alkali Manufacturers Association of India
APELL	Awareness and Preparedness for Emergencies at Local Level
ASME	American Society of Mechanical Engineers
ASSOCHAM	Associated Chambers of Commerce and Industry
BIS	Bureau of Indian Standards
BLEVE	Boiling Liquid Expanding Vapour Explosion
CA (EPPR) Rules	Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996
CAS	Crisis Alert System
CCG	Central Crisis Group
CCR	Central Control Room
CDM	Chemical Disaster Management
CETP	Common Effluent Treatment Plant
CFEES	Centre for Fire, Explosive and Environment Safety
CIF	Chief Inspector of Factories
CII	Confederation of Indian Industry
CIR	Community Information Representative
CLI	Central Labour Institute
CMVR	Central Motor Vehicles Rules
CPAP	Continuous Positive Air Pressure
CPCB	Central Pollution Control Board
CRR	Community Response Representative
CSIR	Council of Scientific and Industrial Research
DAE	Department of Atomic Energy
DCG	District Crisis Group
DCR	District Control Room
DCS	Distributed Control System
DDMA	District Disaster Management Authority
DDMAP	District Disaster Management Action Plans
DEA	Department of Economic Affairs
DGFASLI	Directorate General Factory Advice Service and Labour Institutes
DGFT	Director General Foreign Trade
DISH	Directorate of Industrial Safety and Health
DM	Disaster Management
DMI	Disaster Management Institute
DMIS	Disaster Management Information System
DMP	Disaster Management Plan
DRDO	Defence Research and Development Organisation

DRM	Disaster Risk Management
DTIE	Division of Technology, Industry & Economics
EIA	Environment Impact Assessment
EIP	Emergency Information Panel
EMP	Emergency Management Plan
ENVIS	Environmental Information Systems
EOC	Emergency Operations Centre
ERC	Emergency Response Centre
ERF	Environment Relief Fund
ERRIS	Environment Risk Reporting and Information Systems
ESIC	Employee State Insurance Corporation
FE	Functional Exercise
FICCI	Federation of Indian Chambers of Commerce and Industry
FSD	Full Scale Drill
GIDC	Gujarat Industrial Development Corporation
GIS	Geographic Information System
GPS	Global Positioning System
HAZAN	Hazard Analysis
HAZCHEM	Hazardous Chemical
HAZMAT	Hazardous Material
HAZOP	Hazard and Operability Study
HPC	High Powered Committee
HPCL	Hindustan Petroleum Corporation Ltd
HSE	Health, Safety and Environment
IATA	International Air Transport Association
ICA	Indian Chemical Association
ICAO	International Civil Aviation Organization
ICC	Indian Chamber of Commerce
ICMA	Indian Chemical Manufacturers' Association (now called Indian Chemical Council)
ICMR	Indian Council of Medical Research
ICSC	International Chemical Safety Cards
IDLH	Immediately Dangerous to Life and Health
IDRN	India Disaster Resource Network
IIT	Indian Institute of Chemical Technology
IIM	Indian Institute of Management
IIT	Indian Institute of Technology
ILO	International Labour Organization
IMO	International Maritime Organization
IPCL	Indian Petrochemicals Corporation Limited
IPCS	International Programme on Chemical Safety
IRPTC	International Register for Potentially Toxic Chemicals
IS	Indian Standards
ISDR	International Strategy for Disaster Reduction
ITRC	Industrial Toxicology Research Centre

LAMP	Local Accident Mitigation and Prevention
LCG	Local Crisis Group
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas
MAH Unit	Major Accident Hazard Unit
MAHC	Major Accident Hazard Control
MAHCAD	Major Accident Hazard Control Advisory Division
MARG	Mutual Aid Response Group
MARPOL	Maritime Pollution
MFR	Medical First Responders
MHA	Ministry of Home Affairs
MIS	Management Information System
MoA	Ministry of Agriculture
MoC & F	Ministry of Chemicals and Fertilizers
MoC & I	Ministry of Commerce and Industry
MoD	Ministry of Defence
MoEF	Ministry of Environment & Forests
MoF	Ministry of Finance
MoH & FW	Ministry of Health and Family Welfare
MoHI & PE	Ministry of Heavy Industries and Public Enterprises
MoLE	Ministry of Labour and Employment
MoP & NG	Ministry of Petroleum and Natural Gas
MoSRT & H	Ministry of Shipping, Road Transport and Highways
MSDS	Material Safety Data Sheet
MSHC Rules	The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989
NAC	National AFEL Centre
NCDC	National Civil Defence College
NCL	National Chemical Laboratory
NCT	National Capital Territory
NDMA	National Disaster Management Authority
NDRF	National Disaster Response Force
NEC	National Executive Committee
NEERI	National Environmental Engineering Research Institute
NFSC	National Fire Service College
NGOs	Non Governmental Organizations
NHA	National Highway Authority of India
NICNET	National Informatics Centre Network
NIDM	National Institute of Disaster Management
NIOSH	National Institute of Occupational Health
NOCs	No Objection Certificates
NSC	National Safety Council
OISD	Oil Industry Safety Directorate
PCC	Pollution Control Committee
PESO	Petroleum and Explosives Safety Organisation

PM	Preventive Maintenance
PMS	Pipeline Management System
PPE	Personal Protective Equipment
PPP	Public Private Partnership
PVOs	Private Voluntary Organisations
PWD	Public Works Department
QCI	Quality Council of India
QRMT	Quick Reaction Medical Team
QRT	Quick Reaction Team
QSP	Quick Start Programme
RC	Responsible Care
R&D	Research and Development
RLI	Regional Labour Institute
RTO	Regional Transport Officer
SAICM	Strategic Approach to International Chemical Management
SCG	State Crisis Group
SDMA	State Disaster Management Authority
SDRF	State Disaster Response Force
SEC	State Executive Committee
SMEs	Small and Medium Enterprises
SOLAS	Safety of Life at Sea
SOPs	Standing Operating Procedures
SPCB	State Pollution Control Board
STEL	Short Term Exposure Limit
TOR	Terms of Reference
TQ	Threshold Quantity
TREMCARD	Transport Emergency Card
TTE	Table Top Exercise
UN	United Nations
UNDP	United Nations Development Program
UNEP	United Nations Environment Program
USAID	United States Agency for International Development
UTs	Union Territories
WAD	Waste Air Destruction
WEC	World Environment Centre
WHO	World Health Organization

Executive Summary

Background

The growth of chemical industries has led to an increase in the risk of occurrence of incidents associated with hazardous chemicals (HAZCHEM). A chemical industry that incorporates the best principles of safety, can largely prevent such incidents. Common causes for chemical accidents are deficiencies in safety management systems and human errors, or they may occur as a consequence of natural calamities or sabotage activities. Chemical accidents result in fire, explosion and/or toxic release. The nature of chemical agents and their concentration during exposure ultimately decides the toxicity and damaging effects on living organisms in the form of symptoms and signs like irreversible pain, suffering, and death. Meteorological conditions such as wind speed, wind direction, height of inversion layer, stability class, etc., also play an important role by affecting the dispersion pattern of toxic gas clouds. The Bhopal Gas tragedy of 1984 – the worst chemical disaster in history, where over 2000 people died due to the accidental release of the toxic gas Methyl Isocyanate, is still fresh in our memories. Such accidents are significant in terms of injuries, pain, suffering, loss of lives, damage to property and environment. A small accident occurring at the local level may be a prior warning signal for an impending disaster. Chemical disasters, though low in frequency, have the potential to cause significant immediate or long-term damage.

A critical analysis of the lessons learnt from major chemical accidents exhibited various deficiencies. Laxity towards safety measures, non-conformity to techno-legal regimes and a low

level of public consultation are a few such shortcomings. The scenario called for concerted and sustained efforts for effective risk reduction strategies and capacity development under a national authority to decrease the occurrence of such incidents and lessen their impact. Although tremendous efforts have been made to minimise such accidents and to improve emergency preparedness at all levels, substantial efforts are still required to predict the occurrence of disasters, assess the damage potential, issue warnings, and to take other precautionary measures to mitigate their effects. Another pressing need is to properly assess the potential of chemical emergencies and develop tools for emergency planning and response to minimise the damage in case of any eventuality.

Risks Posed by HAZCHEM

Increased industrial activities and the risks associated with HAZCHEM and enhanced vulnerability lead to industrial and chemical accidents. Chemical accidents may originate in the manufacturing or formulation facility, or during the process operations at any stage of the product cycle, material handling, transportation and storage of HAZCHEM. Vulnerability is sometimes compounded due to the location of Major Accident Hazard (MAH) industries closer to densely populated areas. Chemical and industrial accidents generally occur due to technical failures that can be anticipated. The risk associated with them can thus be predicted and reduced effectively by identification of risk areas, risk assessment and designing pre-operative measures. The occurrence of chemical accidents and probability thereof, manifesting in a disaster, remain a cause of concern.

The Genesis of National Disaster Management Guidelines—Chemical Disasters

There has been a paradigm shift in the government's locus from its rescue, relief, and restoration-centric approach to a planning, prevention/mitigation and preparedness approach. It has been realised that effective Chemical Disaster Management (CDM) is possible by the adoption of preventive and mitigation strategies as most chemical disasters are preventable in comparison to natural disasters that are difficult to predict and prevent.

With this renewed emphasis, the National Disaster Management Authority (NDMA) took up the task of strengthening CDM in recognition of the gravity of the risk posed by HAZCHEM. The main stakeholders in the management of chemical disasters are Ministry of Environment and Forests (MoEF, the nodal ministry); Ministry of Home Affairs (MHA); Ministry of Health and Family Welfare (MoH & FW); Ministry of Labour and Employment (MoLE); Ministry of Agriculture (MoA); Ministry of Shipping, Road Transport and Highways (MoSRT & H); Ministry of Defence (MoD); Ministry of Chemicals and Fertilizers (MoC & F); Ministry of Petroleum and Natural Gas (MoP & NG), Department of Atomic Energy (DAE); state governments and Union Territories (UTs) and the chemical industries. As a first step, a meeting of the stakeholders including representatives of Research and Development (R&D) organisations, professionals from scientific and technical institutes, academics, technocrats from leading national institutions and apex industrial associations/consortiums of corporate sectors was convened on 17 February 2006, with a view to pool the knowledge in this multidisciplinary field. A core group of experts was constituted from amongst these participants. Several meetings of the core group were subsequently held and a draft document was evolved for bridging the gaps that

were identified. These deliberations acknowledged several initiatives taken up by the government and other stakeholders. The draft document was reviewed by a group of experts on 18 May 2006, for evolving a consensus among various stakeholders including the nodal ministry. Detailed inputs from MAH units and regulators were obtained during a meeting held during 7–8 September 2006 at Bhopal. The recommendations and action points that emerged out of these deliberations have resulted in the development of the National Guidelines for the Management of Chemical Disasters (hereinafter referred to as the Guidelines).

Structure of Guidelines

The present work is an important step in the direction of the development of plans for the management of chemical disasters. The Guidelines have been prepared to provide directions to ministries, departments and state authorities for the preparation of their detailed Disaster Management (DM) plans. These Guidelines call for a proactive, participatory, well-structured, fail-safe, multi-disciplinary and multi-sectoral approach at various levels.

The Guidelines consist of seven chapters; the details of which are as follows:

Chapter 1 provides an introductory brief of risks, vulnerabilities and consequences of chemical accidents; provides an account of causal factors of chemical disasters so as to restrict and contain them; and details major chemical accidents—their initiators, and impact on human lives and the environment. The aims and objectives of the Guidelines focus on all aspects of the DM cycle to assist the ministries and departments of the Government of India, state governments and other agencies to prepare DM plans.

Chapter 2 reviews the existing regulatory framework and practises. It furnishes an overview of the institutional framework with details of the monitoring mechanisms and compliance by central and state governments. It also provides an overview of the functioning of research institutes, autonomous bodies, professional institutes, Non-Governmental Organizations (NGOs) and MAH units, their compliance to statutory safeguards, and the efforts of the MoEF in setting up crisis management groups in industrial areas to ensure chemical safety. Various initiatives highlighting substantial work done in the area of emergency response and management systems in installations, storages and transport sectors are also illustrated. A bird's eye view of international best practises and developments within India is also given.

Chapter 3 gives an overview of the salient gaps identified in various aspects of the management of chemical accidents, transport accidents and medical emergencies.

The management of chemical disasters will aim at prevention and mitigation with the introduction of safer process technologies, improved performance of safety devices and reduction of human error. Immediate effects of a disaster can be mitigated through installing engineering systems like scrubbers, flares and venting systems. The various work areas and activities that can be undertaken within the framework of the Guidelines are described in chapters 4 to 6.

Chapter 4 includes comprehensive guidelines for a regulatory framework, code of practises, procedures and standards, testing and information, technical and technological information, preparedness including education, training, creation of appropriate infrastructure, capacity development, awareness generation, institutional framework, networking and communication, R&D and response, relief and rehabilitation for CDM. The roles and responsibilities of various stakeholders at centre,

state and district levels are also described. The salient highlights include:

- Strengthening of the present regulatory framework to meet the defined national policies and aspirations; augmentation of technical support functions.
- A supportive and technology neutral regulation framework.
- Legislation on land-use policy (buffer zone around chemical industry).
- Standardisation of national codes and practises.
- Emphasis on regular safety audit, identification and selection of professional organisations and their accreditation.
- Commissioning and decommissioning of chemical industries.
- Preparation of On-Site and Off-Site Plans.
- Regular testing of emergency plans.
- Need of medical first responders and medical inventory to deal with specialised chemical accidents at the installation site.
- Crisis management plans of hospitals to manage the victims of chemical emergencies.
- Concept of mobile hospital and mobile teams.
- Issues related to public health response, medical rehabilitation and harmful effects on the environment.
- Post-disaster documentation and analysis.

Chapter 5 comprises comprehensive guidelines for installations and storages (including isolated storages of HAZCHEM) that contain good engineering practises for safety, accident reporting, investigation and analysis checklists and safety promotional activities as important tools for effective CDM.

Chapter 6 deals with guidelines related to chemical accidents during transportation of HAZCHEM. The areas covered include:

- Preparation of a highway DM plan.
- Modification of rules pertaining to transport emergencies.
- Specific roles and responsibilities of MHI units, transporters, drivers, authorities and aspects related to emergency communication systems and training of various stakeholders.
- The need for the development of an efficient pipeline management system.

Chapter 7 sets out the approach to implementation of the Guidelines and also highlights the key points for ensuring the implementation of the plans prepared by the central ministries, departments and states. The strategy to be adopted for the important activities to be included in the Action Plan are given below:

- Putting in place a national mechanism for covering all major disasters and reporting mechanisms at the district level.
- Dovetailing regulations governing HAZCHEM safety with the Disaster Management Act, 2005 (DM Act, 2005).
- Establishing a risk management framework criterion for chemical assessment.
- Strengthening of the institutional framework for CDM and its integration with the activities of the NDMA, State Disaster Management Authorities (SDMAs), District Disaster Management Authorities (DDMAs) and other stakeholders.
- Renewed focus on model safety codes/standards for prevention of accidents at industry level by matching processes and technologies for safety installations

comparable with the best available in the world.

- Identifying infrastructure needs for preparing mitigation plans.
- Implementing a financial strategy for the allocation of funds for different national and state/district level mitigation projects.
- Establishing an efficient information network for dissemination of alerts, warning and response messages.
- Identifying/recognising training institutions.
- Strengthening the National Disaster Response Force (NDRF), fire services, medical first responders and other emergency responders.
- Revamping of home guards and civil defence for CDM.
- Developing a national medical emergency plan binding all government, private and public hospitals with unified, well-established triage and other emergency procedures.
- Developing highway DM plans for all the identified stretches, nodal points, and Standard Operating Procedures (SOPs) integrated in the driver's kit.
- Establishing a register of relevant national and international institutes and information exchange programmes.
- Establishing post-disaster documentation procedures, epidemiological surveys and minimum criteria for relief and rehabilitation.
- Sensitising the community on chemical disasters.
- Sensitising all stakeholders, especially the management of MHI units for a more proactive role in prevention of chemical

accidents by instituting regular internal audits of plant safety measures, activation of On-Site emergency plans and establishment of mutual aid arrangements.

The MoEF, as the nodal ministry, will prepare a detailed Action Plan in accordance with these Guidelines with specific tasks, activities, targets and timeframes that will also form a part of the national DM plan.

In view of the expected time lapse between the formulation and approval of the DM plan, an interim arrangement has also been suggested, highlighting the following features:

- Baseline information on hazard identification and risk assessment in chemical installations and pipelines.
- Incorporation of Geographic Information System (GIS) technology.
- Identification and incorporation of legislative and institutional framework for disaster preparedness with specific and measurable indicators.

- Risk mapping.
- Development and improvement of relevant databases including isolated storages and warehouses.
- Preparation of a National Response Plan.
- Pooling of resources available on transport routes of chemicals.
- Crisis Alert System (CAS) and continued training programmes.

The activities mentioned above will be initiated with immediate effect and will be further intensified in due course of time. An institutional framework for the management of chemical disasters will be set up at the national level, which will integrate and strengthen the existing institutional mechanisms on CDM. For efficient and coordinated management, the state governments will issue guidelines for the preparation of district and local level plans in accordance with these Guidelines. The objective is to evolve an attainable and practical approach for the management of chemical disasters in India with the participation of all stakeholders including local communities for On-Site and Off-Site emergencies.

Handling large quantities of HAZCHEM in installations, isolated storages, and during transportation, poses the grave risk of a sudden release of copious quantities of toxicants in the environment. There are about 1666 MAH units in India, handling a large number of chemicals as raw materials, in processes, products, and wastes, with flammable, explosive, corrosive, toxic and noxious properties. Any accident involving these may have an adverse impact on both the community and the environment.

Large quantities of chemicals are also stored/processed in industries that are located in densely populated areas. Inappropriate and haphazard construction and the lack of awareness and preparedness on the part of the community further enhance their vulnerability. The potential of heavy losses and adverse consequences on the environment due to a chemical accident calls for further improvement of safety measures in all processes/procedures and the adoption of appropriate methods for handling HAZCHEMs.

The Bhopal Gas Disaster in December 1984 brought into sharp focus the unprecedented potential of HAZCHEM like Methyl isocyanate in terms of loss of life, health, injury and the long-term effects on the population and environment. It created compelling evidence to approach DM and chemical safety holistically. The era of restructuring with the induction of new HAZCHEM control systems and procedures all over the world in the wake of the Bhopal disaster also resulted in the strengthening of institutional mechanisms at local,

district, state and central levels for the management of chemical disasters in India. The consolidation of these institutional mechanisms and the mobilisation of corporate support for the preparation and implementation of emergency plans is an integral part of these Guidelines.

1.1 Sources of Chemical Disasters

Chemical accidents may originate in:

- Manufacturing and formulation installations including during commissioning and process operations; maintenance and disposal.
- Material handling and storage in manufacturing facilities, and isolated storages; warehouses and godowns including tank farms in ports and docks and fuel depots.
- Transportation (road, rail, air, water, and pipelines).

1.2 Causative Factors Leading to Chemical Disasters

Chemical disasters, in general, may result from:

- Fire.
- Explosion.
- Toxic release.
- Poisoning.
- Combinations of the above.

Chemical disasters may occur due to process deviations concerning the chemistry of the process, pressure, temperature and other identified parameters with regard to the state of the substance i.e. solid, liquid or gas, proximity to other toxic substances and the probability of a runaway reaction due to the incidental mixing of two or more HAZCHEMs with dissimilar properties. In addition, it may be due to hardware failure, resulting in large-scale spills of toxic substances (in any form) due to loss of containment, or an explosion. Further, Boiling Liquid Expanding Vapour Explosion (BLEVE) may occur due to sparks, shocks or frictional forces on the chemicals during transportation.

The effects can be further compounded by the micro-meteorology of the area, wind speed and direction, rate of precipitation, toxicity/quantity of chemical released, population in the reach of release, probability of formation of lethal mixtures (fuel-air or other mixtures) and other industrial activities being performed in closer vicinity.

It is very important to understand that the state of the chemical substance (solid, liquid or gas) contributes substantially to the gravity of the accident and affects control measures. Chemicals in solid form may have devastating effects if their properties are suddenly changed (e.g. sublimation) due to pressure and temperature conditions to which they are accidentally exposed. If solids continue to remain in solid form, the damage will be negligible.

Any human/mechanical failure may cause large-scale spills of liquids or of compressed gases like chlorine or Liquid Petroleum Gas (LPG) which can cause BLEVE and can directly affect human lives and the environment. The release of compressed gases give rise to thermal and cryogenic stresses, which may also impact the surrounding structure or building, compounding the damage.

1.3 Initiators of Chemical Accidents

A number of factors including human errors could spark off chemical accidents with the potential to become chemical disasters. These are:

1.3.1 Process and Safety System Failures:

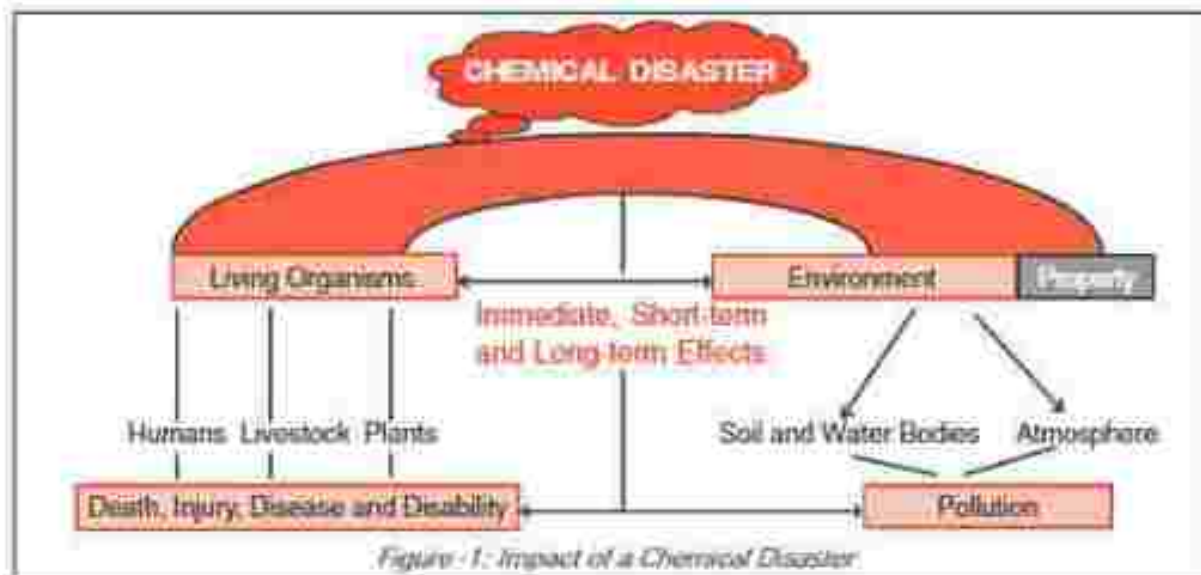
- i) **Technical errors:** design defects, fatigue, metal failure, corrosion etc.
- ii) **Human errors:** neglecting safety instructions, deviating from specified procedures etc.
- iii) **Lack of information:** absence of emergency warning procedures, non-disclosure of line of treatment etc.
- iv) **Organisational errors:** poor emergency planning and coordination, poor communication with public, non-compliance with mock drills/exercises etc., which are required for ensuring a state of quick response and preparedness.

1.3.2 Natural Calamities:

The Indian subcontinent is highly prone to natural disasters, which can also trigger chemical disasters. Damage to phosphoric acid sludge containment during the Orissa super cyclone in 1989 and the release of acrylonitrile at Kandla Port, during an earthquake in 2001, are some of the recent examples.

1.3.3 Terrorist Attacks/Sabotage:

Vulnerability to chemical disasters is further compounded by likely terrorist and warfare activities, which include sabotage and attack on HAZCHEM installations and transportation vehicles. This can occur at sources listed in para 1.1, anywhere, and at any time. Guidelines for the management of chemical warfare agents and chemical weapons of mass destruction will be issued separately.



1.4 Impact of Chemical Disasters

In addition to loss of life, the major consequences of chemical disasters include impact on livestock, flora/fauna, the environment (air, soil, water) and losses to industry as shown in Figure 1.

Chemical accidents may be categorised as a major accident or a disaster depending upon the number of casualties, injuries, damage to the property or environment. A major accident is defined in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, issued under the Environment (Protection) Act, 1986, whereas 'disaster' is defined in the DM Act, 2005.

1.5 Major Chemical Accidents in India

Following the Bhopal Gas Disaster in 1984, major incidences of chemical disasters in India include a fire in an oil well in Andhra Pradesh (2003); a vapour cloud explosion in the Hindustan Petroleum Corporation Limited Refinery (HPCL), Vidyalakshminagar (1997); and an explosion in the Indian Petrochemicals Corporation Limited (IPCL) Gas Cracker Complex, Nagothane, Maharashtra

(1990). Over 20 major chemical accidents have been reported in MAH units during 2002-06. Details of these accidents that involved chemicals like chlorine, ammonia, LPG and other HAZCHEMs are indicated in Annexure A.

1.6 Aims and Objectives of the Guidelines

The NDMA is mandated to issue guidelines to ministries/departments and states for preparing DM Plans for holistic and coordinated management of disasters. The Guidelines are intended to focus on all aspects of the DM cycle including prevention, mitigation, preparedness, relief, rehabilitation and recovery.

These Guidelines shall form the basis for the ministries and departments concerned, at the centre and state levels to evolve programmes and measures in their DM Plans. The approach followed shall emphasise chemical safety and risk reduction measures including technical and non-technical preparedness measures, be environment and technology friendly, sensitive to the special requirements of the vulnerable groups and communities, and address all stakeholders involved in the CDM. This is to be achieved through strict conformity with existing and new policies.

5 Guidelines for Industrial (Chemical) Installations and Storages

5.1 Industrial (Chemical) Installations

A prime area of concern is the strengthening of the industrial systems for the prevention and management of chemical accidents. Such provisions shall be established to continuously re-engineer (improve and upgrade) the system. As a part of government policy, it is envisaged that the present regulatory inspection and monitoring framework will evolve measures to encourage self-regulation, public consultation and PPP. These activities would develop credibility at all levels.

The important guidelines are listed below:

5.1.1 Good Engineering for Safety

This is applicable for the prevention and minimisation of all disasters – both man-made and natural. In the context of industrial disasters, good engineering is the first step in achieving safety. The setting up of new industries by an occupier shall be done in consultation with the state inspectorate, considering all parameters including geographical, seismological, demographic and environmental factors. The process engineering and control including detailed evaluation at the design stage are essential inputs for safety.

Engineering methods to control hazards include:

- i) Change of processes: to shift to less hazardous processes.
- ii) Change of material: to shift to less hazardous material.
- iii) Change of equipment: to replace machinery before the expiry of residual life.

- iv) Detailed engineering of each equipment under requirement, capacity, specifications and regular maintenance of history sheets for fault analysis.
- v) Regular testing of critical equipment/storage vessels through non-destructive testing (radiography, thickness survey, hydraulic testing etc.)
- vi) Isolation and enclosures: Storages will be isolated and enclosed to minimise the impact of weather conditions (heat radiation, thermal and cryogenic stresses) and will be directly connected to containment including Waste Air Destruction (WAD) systems.
- vii) Hazard and Operability Study (HAZOP) and Hazard Analysis (HAZAN) studies for early identification of hazards; regular structural audit.
- viii) Management Information System (MIS) is a significant area for monitoring at the management level. It is divided into three categories:
 - a. Checking: normal day-to-day operations; compliance of statutory requirements; monitoring reports; and reporting of exceptions to the top management.
 - b. This deals with emergency control systems (chemicals and fire contingency plans), training and retraining of employees, transporters, drivers and cleaners, stockists, distributors, retailers, community

leaders, consumers, first responders – the police, fire services, home guards, civil defence, NDRF, SDRF and medical paramedics. This also covers HAZOP/HAZAN studies, regular appraisal and updating.

- c) Provision, maintenance and regular upgrading of safety including PPE; maintenance of daily check charts of PPE; work permit system (including stoppage, start-up chemical manufacturing/storage equipment hardware).

- ii) Safety competitions, exhibitions, film/video shows, seminars, debates.
- iii) Celebration of Safety Day/Week.
- iv) Safety hoardings at strategic points.
- v) Frequent visit to other model industries.
- vi) Institution of chemical safety award system.

5.1.2 Accident Reporting, Investigation and Analysis

- i) The basic concept is the 'Principles of Examination'. The examination will aim at identification of operational difficulties, fault in design, and inspection procedures after an accident.
- ii) There is a need to synthesise a prediction model that can spot problems/difficulties prospectively as well as retrospectively.
- iii) To identify principal causes of accidents or near misses.
- iv) To identify deficiencies in the process/operation/hardware/instrumentation.
- v) To find out and critically evaluate unsafe practices requiring correction.
- vi) To find out and finalise needs for engineering revision.

5.1.4 Other Areas of Attention

Efficacy of safety systems shall be checked daily and listed with special emphasis on the following:

- i. Provisions of two-to-three tier safety
- ii. Early warning system.
- iii. Two-to-three tier power back-up system for safety of equipment/provision.
- iv. Start-up and shutdown procedures.
- v. Daily exceptional reporting for top management based on status of full preparedness/compliance according to latest internal safety audit. Internal audit highlights; high accident potential jobs, actions or conditions to be dealt on priority basis. The audit shall indicate shortfalls according to accident potential.
- vi. Best maintenance and preventive maintenance practices.
 - a. Regular improvisation of safety systems based on global success stories.
 - b. Toxicology (complete MSDS as ready reckoner for warnings/instructions).
 - c. Mock drills of warning alarm systems.
 - d. Instrumentation.
 - e. Written down preventive maintenance and breakdown maintenance practices and check listing of each on a daily basis.

5.1.3 Safety Promotional Activities

Accident prevention needs proactive and reactive participation of all activities like:

- i) Installation of sensors and monitors, their regular maintenance and calibration at the plant perimeter to trigger alarms to the plant personnel as well as public.

- f. Regular (daily basis) trials of stand by systems.
- g. Key points to be kept in mind while setting SOPs for safety include:
 1. Use of danger and information tags.
 2. No substitutions of tags from one another.
 3. Information or instruction tag shall be used to convey special instructions for the equipment.
 4. The instruction tag shall not be used where a danger tag is required to identify a particular equipment as that equipment, if operated can cause an accident.
 5. The operator/shift officer shall assume responsibility for the use and removal of danger tags.
 6. Locking out of chemical plant equipment.
 7. Colour codes will be devised for locking.
 8. All locks will be placed on a breaker with a process until work is completed.
 9. The principle of isolation of equipment under maintenance repair without exception.

Based upon the actual inventory of HAZCHEM, adequacy of the preparedness and response is required to be established in the plant. It is essential to develop the DM capabilities both within the plant perimeter and in the vicinity on the basis of the dynamic quantitative risk assessment analysis. Meteorological data like wind direction shall be either obtained from concerned functionaries, or generated in-house for the proper management of chemical emergencies.

The best engineering practises practised the world over like those followed by the American Society of Mechanical Engineering (ASME) and others shall be modified and adapted in the Indian context under the authority of the BIS. Some of the major features of chemical safety procedures practised are shown in Annexure H for ready reference.

5.2 Storages

The storages of HAZMAT in an installation, or isolated storages are major sources of chemical disasters. The existing legal regulatory requirement provided through The Petroleum Act, 1934 and The Explosives Act, 1884, the Static and Mobile Pressure Vessels (Unfired) Rules 1981, the Gas Cylinder Rules, 2004, the MSHC Rules, 1989, and the Factories Act, 1948, and various rules framed by the states give comprehensive guidelines to all installations and storages for the purpose of maintenance and operation of storage, tank farms and vessels. However, there are some glaring gaps with regard to safety, containment and neutralisation of toxic spill and release at the installation and storage site. Necessary provisions need to be enacted for fail-safe safety measures.

Important guidelines for installations and isolated storages are:

- i) Factories/Storages having Off-Site consequences need to be treated at par with MAH factories in view of the probability of occurrence of accident due to the risks associated with bulk storage of HAZMAT.
- ii) Standards in respect of design and construction with provisions for maintenance shall be laid down. The design shall be so formulated such that there would not be any effect of micro-meteorological factors like temperature, pressure, humidity, air flow and protection from static charges.

- iii) The storages of large inventories of HAZMAT should go with corresponding safety, containment measures, good engineering and environmental practises. Better safety and containment measures for safety release installations should be used, like valves, rupture discs and monitors etc., to protect the storages.
- iv) At the installation level, storages require a risk assessment strategy addressing all the risk areas including the following components:
 - a. Safety and security provisions.
 - b. Pipelines transferring the HAZMAT to other plants/locations, or outside the premises.
 - c. Instrumentation especially—Distributed Control Systems (DCS).
- v) Comprehensive guidelines are available for safe storages, testing and monitoring of storage vessels and areas; and for checking the residual life of vessels, pipelines and other equipment used in storage of HAZCHEMs. In addition, a testing system, its frequency and a certification system also exist. However, there is an urgent need of critical evaluation and review pertaining to the following areas:
 - a. Defining and ensuring the limits of quantity of HAZMAT as per the capacity of storage facility.
 - b. Simultaneous storage of non-compatible hazardous and toxic material.
 - c. Restriction of keeping storage vessels open to the sky due to the impact of weather conditions on the content of storage vessels.
 - d. The concept of residual life with regard to depletion of various tolerances etc., needs to be re-evaluated from time-to-time, as many other factors and stresses responsible for the breakdown of vessels appear with ageing.
 - e. Proper and adequate provisions of safety to cater to thermal and cryogenic stresses will be taken care of during the designing mode.
 - f. A full-scale containment and neutralisation system shall be established for HAZCHEM that are not manufactured but stored in bulk quantities for in-house use. Such HAZCHEM include liquids like ammonia in ice manufacturing, LPG, furnace oils, compressed gas including chlorine in the pulp and paper industry, oxygen in Common Effluent Treatment Plants (CETPs), hydrogen in vegetable oil manufacturing and other inflammable fuels used in industries.
 - g. Special provisions including the usage of lightning arrestors for gases (such as hydrogen that can make an explosive mixture with air; cutting the possible risk of exploding) as lightning acts as a catalyst for such a reaction.
 - h. Ensure availability of a stand-by power supply system which shall operate in the case of failure/interruption of the main power supply and simultaneously requiring containment/neutralisation of stored liquid/gaseous chemicals to a designated place.

Annexures

Annexure-A

Some Major Chemical Accidents in India (2002-04)

S. No.	Name of Unit	Date of Accident	Source	Death/Injury/Missing; Losses
1.	GACL, Vadodara, Gujarat	05.09.2002	Chlorine gas —explosion	4/20/nil
2.	IPCL, Gandhar, Gujarat	20.12.2002	Chlorine gas —release	Nil/18 workers & 300 villagers in Jageshwar affected/nil
3.	IOC Refineries, Digboi, Assam	07.03.2003	Fire in motor spirit tank	Nil/Product loss Rs11.55 crore
4.	Ranbaxy Laboratories Ltd., Mohali, Punjab	11.06.2003	Toluene	2/19/nil
5.	BPCL Bottling Plant, Dhar, Madhya Pradesh	05.10.2003	LPG leak from tank lorry	Nil
6.	Orient Paper Mills, Amla, Shahdol, Madhya Pradesh	13.10.2003	Liquid chlorine	Nil/88/nil; 5 m pipe affected
7.	IDL Gulf Oil, Kukatpally, Hyderabad, Andhra Pradesh	25.11.2003	Explosion	8/5/1
8.	Anil Enterprises, Zakhira, Rohtak, Haryana	28.04.2004	Fire in LPG fired oven	6/2/nil
9.	HIL Udyogmandal, Kerala	06.07.2004	Toluene fire	Nil
10.	Shyamal Industries, GIDC, Vatva, Ahmedabad, Gujarat	12.04.2004	Benzene fire	Nil
11.	Chemical Factory, Dombivili, Maharashtra	31.05.2004	Hexane release —fire	1/8/Nil
12.	Chemplast, Mettur, Tamil Nadu	18.07.2004	Chlorine leak	Nil/27/nil

13.	Gujarat Refinery, Vadodara, Gujarat	29.10.2004	Explosion in slurry settler	2/13/ml
14.	Ranbaxy Laboratories Ltd., Mohali, Punjab	30.10.2004	Fire in dryer room	1/2/ml
15.	Matrix Laboratory Ltd. Unit 1, Kazipally, Medak District, Andhra Pradesh	05.03.2005	Sodium hydride	8/ml/ml
16.	Gujarat Refinery, Gujarat	15.06.2005	Fire	Nil
17.	Coromandal Fertilizer Ltd., Ennore, Tamil Nadu	22.07.2005	Ammonia	Nil/5/ml
18.	Gulf Oil Corporation Ltd., Samathragam, Hyderabad, Andhra Pradesh	04.10.2005	Explosion/fire	2/2/ml
19.	Orchid Chemicals and Pharmaceuticals Ltd., Alathur, Kancheepuram District, Tamil Nadu	03.11.2005	Explosion with fire	3/4/ml
20.	Aurobindo Pharma Ltd., Unit-V, IDA Pashamylaram, Medak Dist., Andhra Pradesh	28.11.2005	Explosion while drying clozapine sodium	1/4/ml
21.	Indian Oil Corporation Ltd., Mathura Refinery, Mathura, Uttar Pradesh	29.12.2005	Fire	1/ml/ml
22.	Kanoria Chemicals and Industries Ltd. Renukoot, Sonabhadra, Uttar Pradesh	29.03.2006	Chlorine release	6/23/ml
23.	Anjana Explosives Ltd., Peddakapurthi, Nalgonda District, Andhra Pradesh	18.07.2006	Spillage of hazchem	5/ml/ml
24.	Ravi Organics Ltd., Muzaffargarh, Uttar Pradesh	19.09.2006	Gas release	1/ml/ml
25.	Reliance Industries Refinery, Jamnagar, Gujarat	25.10.2006	Leaked hot vacuum gas oil catches fire in air	2/ml/ml



अनुपम निर्माण संस्था
म्युनिशन्स इंडिया लिमिटेड वीरवारड
भारत सरकार का उपक्रम
पता: वरवडा
अहमदा, महाराष्ट्र-441 106

Ordnance Factory Bhandara
Unit of Munitions India Ltd.
Govt. of India Enterprise,
Ministry of Defence
Bhandara, Maharashtra-441
006



दूरभाष # /PHONE No. 07184-275742-49

Fax : 07184-275242

email: ofba.ofb@nic.in

No.EMS/2013/NTPC lease/BF

REMINDER

Dated: 24/04/2023

To

Shri Sagar
The Chief General Manager,
NTPC Mouda, Mouda Thermal Power Project,
P.O.Mouda, District Nagpur- 441 104.

[Kind Attention: Shri Sagar Sahoo, AGM/HR, NTPC Mouda]
Email - dharmendrakumar@ntpc.co.in

Sub: Payment of difference of Ground rent for the year 2023-24 for Ordnance
Factory Bhandara land allotted to NTPC Mouda Power station related works.
Ref :- Our letter of even No. dtd. 29.03.2023

Please refer above letter vide which the difference ground rent for the year 2023-24
required to be paid by NTPC for 10-Acre land allotted for laying of water pipeline was intimated.

02.

1.	Area of Land in Sq. Mtr.	:	40335 Sq. Mtr.
2.	Prevailing market value of land for the year 2023-24	:	Rs. 1,160/-
3.	Total Value of Land	:	Rs. 4,75,95,300/-
4.	Residential rent @ 2.5% of the land value	:	Rs. 11,89,883/-
5.	Land rent (2 times of the residential rent)	:	Rs. 23,79,766/-
6.	Lump-sum annual land rent already paid by NTPC	:	Rs. 11,89,883/-
7.	Different to be paid	:	Rs. 11,89,883/-
8.	GST 18% Extra	:	Rs. 2,14,179/-
Total Amt.		:	Rs. 14,04,062/-

03. It is requested to kindly arrange for the payment of the difference ground rent amount of
Rs. 14,04,062/- The Bank details for EFT is already submitted.

M.N. Kanoje
(M.N. Kanoje)
Divisional Officer/EMS
For General Manager

पंजीकृत पता: म्युनिशन्स इंडिया लिमिटेड मुख्यालय, इंदिरा जल, न्यायि वनिटी, गुजरात मिण्टर के पास, नगर
सर्ग, वेरवडा, पुणे, महाराष्ट्र - 411006.

Regd. Office: Munitions India Ltd Headquarters, 2nd Floor, Nyaayitree, Near Ganjan Theatre, Nagar Road,
Yervada Pune, Maharashtra - 411006 दूरभाष # / PHONE No. 020-67080400, 020-67080401.



PROFORMA INVOICE

MUNITIONS INDIA LIMITED (ORDNANCE FACTORY BHANDARA)	OFBA/22-23/GR-02	29.03.2023
The General Manager, Ordnance Factory Bhandara	Delivery Note	Mode/Terms of Payment
GSTIN/UIN : 27AAOCMB781H52M	Reference No	RYGS/NEFT / EFT
State Name: Maharashtra Code: 27		Other references
CIN : U29190PN2021GO1203505		
Email: ofba.ofb@nic.in		

Customer's Name: NTPC Limited
Mouda Super Thermal Power Project,
Mouda - Ramtek Road, Mouda - 441 104
Ground Rent from 2022-23
GSN No. 27AAACN0255D12Y

Buyers (Bill to):	MUNITIONS INDIA LIMITED (ORDNANCE FACTORY BHANDARA)	Dispatched Through	Destination
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Terms of Delivery:-

Sr. No.	Description of Articles supplied or service rendered	HSN /SAC	Qty.	Amount.
1)	Ground Rent for the year 2022-23	997212		11,89,883.00
			CGST @ 09%	1,07,089.47
			SGST @ 09%	1,07,089.47
			Total Amount :-	14,04,061.94
			Total Amount Roundup :-	14,04,062.00

Amount Chargeable(In Words): Fourteen-lakh Four-thousand Sixty-two Only

HSN/SAC	(I) Taxable Value	(II) CGST @ 09%	(II) SGST @ 09%	(I)+(II) Total Tax Amount
997212	11,89,883	1,07,089.47	1,07,089.47	2,14,179.00

Tax Amount(In Words): Two-lakh Fourteen Thousand One-hundred Seventy-nine Only

Company Bank Details:

A/c Holder Name : **MUNITION INDIA LIMITED
(O.F.Bhandara)**
Bank Name : **State Bank of India**
A/C No. : **40436189063**
Branch & IFSC Code: **SBIN0000328**

Company's PAN : **AAOCMB781H**

Note: This Invoice pertaining to collection of Ground Rent for the year 2022-23 from NTPC Mouda.

For **MUNITIONS INDIA LIMITED(ORDNANCE FACTORY BHANDARA)**



(Signature)
M.N. KANOJE
Jt. Welfare Manager (Retd.)
For General Manager



ಭಾರತ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited

(A Government of India Undertaking)
 ELECTRONICS DIVISION

P.B.No 2606, Mysore Road, Bangalore - 560 026

PHONE : 080-26998281

MOBILE : 9845896568

E-MAIL : prakashdevadan@bhel.in

Ref: GM-NTFC/404/CE-HMI-02

Dated 21/09/2022

Sub: Recommendation for HMI Upgrade

The Windows XP/ Windows 7 based workstation hardware and Microsoft Operating System available at sites (projects listed in annexure-1) is out of mainstream support from OEM and Microsoft respectively. Also the support for Symantec Antivirus version 10.0 has been withdrawn by the OEM and no more security updates / virus definitions are available for that version. Hence the HMIs-maxStations are prone to vulnerabilities which can tamper the operation of plant.

HMI Upgrade for the projects mentioned in Annexure-1 is proposed (due to various obsolescence in the DCS components as detailed below).

DCS Component		Existing version / model / Specification	Obsolescence
Workstation / Engineering server / Historian server	Hardware	Workstation: Intel Core 2 Duo processor, 1GB RAM, 146 GB SAS disk, 10 Mbps Ethernet port. Server: Intel Xeon dual core processor, 2-GB RAM, 3x76GB HDD, 10 Mbps Ethernet port.	Lower Processor cores and speed, lower HDD capacity and RAM requirements incompatible for latest software requirements; Lower network bandwidth of 10Mbps restricting communication speed capability of latest DCS components and attributing to latency.
	Operating System	Windows 7 SP1 / Windows XP / Windows Server 2008 R2	Operating Systems were declared End of Support by the OEM- Microsoft as mentioned below: Windows XP - April' 2014 Windows 7 - Jan' 2020 Windows Server 2008 R2 - Jan' 2020
	maxDNA software	maxDNA 4.2.1 / 4.5 / 4.5.1 / 6.0.x	These versions are not compatible with latest Operating Systems; more improved version of maxDNA- release 7.x is available suiting the latest OS.
	Antivirus Software	Symantec 10.x / Symantec 11.x / Symantec 12.x	Declared obsolete by the OEM- Broadcom and no longer updates or virus definitions are available.



ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Limited

(A Government of India Undertaking)
ELECTRONICS DIVISION

P.B.No 2606, Mysore Road, Bangalore - 560 026

PHONE : 080-26998281

MOBILE : 9845896568

E-MAIL : prakashdevadas@bhel.in

Network	Switch	10 Mbps backbone	Lower network bandwidth of 10Mbps restricting communication speed capability of latest DC5 components.
	Network Hardening settings	No validated Network hardening settings	Not suitable for latest network requirements with hardening features.


Prakash D
AGM (CE-Engg-I)

Prakash D
AGM (CE-Engg-I)

Annexure-1 List of upgrade projects

Sl No	Project Name
1	Barauni_Stage-2
2	Bongaigaon_Stage-1
3	Dadri-Thermal_Stage-1
4	Dadri-Thermal_Stage-2
5	Darlipalli_Stage-1
6	Farakka_Stage-2
7	Farakka_Stage-3
8	Gadarwara_Stage-1
9	KoldamHydro
10	Korba_Stage-1
11	Korba_Stage-3
12	Mauda_Stage-1
13	Mauda_Stage-2
14	NorthKaranpura_Stage-1
15	Rihand_Stage-2
16	Rihand_Stage-3
17	Simhadri_Stage-2
18	TANDA_Stage-1
19	TANDA_Stage-2
20	Unchahar_Stage-4
21	Vindhyachal_Stage-4
22	Vindhyachal_Stage-5
23	BRBCL Stage-I
24	Jhajjar Stage-I
25	KBUNL Stage-I
26	KBUNL Stage-II
27	NPGCL Stage-I
28	NSPCL Bhilai Stage-I
29	NTECL Stage-I

NTPC Ltd.

13TH May 2022

Engineering Office Sector 24 Noida

Uttar Pradesh.

Subject: End of life cycle of Existing Works Station with HMI, Network Switches at NTPC Three Sites

Dear Sir

We wish to inform that Microsoft XP based system are obsolete and not available. The hard wares used in control system like workstations/servers /switches are obsolete and not available in the market. As a result supplied Workstations /Servers with XP based operating system at NTPC Rihand, Mouda, Vindhyachal sites are obsolete . Application software runs on Windows XP are also obsolete. The currently installed workstations / servers needs to be upgraded with latest hardware and operating system, to meet the compatibility with latest our application softwares.

The existing network switches installed at NTPC sites have also entered end of life cycle phase. We propose NTPC to migrate end of life phase switches to latest X-Series network switches during upgradation of HMI.

We confirm that in case of placement of order by NTPC on M/s Schneider Electric, we shall continue to support NTPC in maintenance support and spare part for a period of 10 years from the date of delivery of material at site.

Yours Truly

For Schneider Electric Systems India Pvt Ltd



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Windows XP

Windows XP follows the [Fixed Lifecycle Policy](#).

This applies to the following editions: Home, Professional, Professional for Embedded Systems, Professional x64, Starter

ⓘ Important:

Support for this product has ended. See migration guidance below.

Support dates are shown in the Pacific Time Zone (PT) - Redmond, WA, USA.

Support Dates

 Expand table

Listing	Start Date	Mainstream End Date	Extended End Date
Windows XP	Dec 31, 2001	Apr 14, 2009	Apr 8, 2014

Releases

 Expand table

Version	Start Date	End Date
Service Pack 3	Apr 21, 2008	Apr 8, 2014
Service Pack 2	Sep 17, 2004	Jul 13, 2010
Service Pack 1a	Feb 3, 2003	Oct 10, 2006
Service Pack 1	Aug 30, 2002	Oct 10, 2006

Version	Start Date	End Date
Original Release	Dec 31, 2001	Aug 30, 2005

Links

- [Migration guidance](#)
- [Service pack policy](#)

Note

The start date for Microsoft Windows XP Professional x64 Edition was April 24, 2005.

Editions

- Home
- Professional
- Professional for Embedded Systems
- Professional x64
- Starter

Windows 7

Windows 7 follows the [Fixed Lifecycle Policy](#).

This applies to the following editions: Enterprise, Enterprise N, Home Basic, Home Premium, Home Premium N, Professional, Professional for Embedded Systems, Professional N, Starter, Starter N, Ultimate, Ultimate for Embedded Systems, Ultimate N

Important

Support for this product has ended. See migration guidance below.

Support dates are shown in the Pacific Time Zone (PT) - Redmond, WA, USA.

Support Dates

 Expand table

Listing	Start Date	Mainstream End Date	Extended End Date
Windows 7	Oct 22, 2009	Jan 13, 2015	Jan 14, 2020

Releases

 Expand table

Version	Start Date	End Date
Extended Security Update Year 3*	Jan 12, 2022	Jan 10, 2023
Extended Security Update Year 2*	Jan 13, 2021	Jan 11, 2022
Extended Security Update Year 1*	Jan 15, 2020	Jan 12, 2021

Version	Start Date	End Date
Service Pack 1	Feb 22, 2011	Jan 14, 2020
Original Release	Oct 22, 2009	Apr 9, 2013

💡 Tip

- Extended Security Updates (ESU) are available through specific volume licensing programs for Windows 7 Professional, Enterprise, and Professional for Embedded Systems editions of this product, for up to an additional three years past the end of support. Contact your Microsoft partner or account team to learn more.

Links

- [Migration guidance](#)
- [Upgrading from Windows 7 to Windows 10](#)
- [Extended Security Update Program \(ESU\)](#)
- [Service pack policy](#)

📌 Note

Microsoft Edge version 109, releasing the week of January 12, will be the last browser version to support Windows 7 and Windows 8.1. Version 109 will be supported until version 110 is released in February 2023, at which time Windows 10 or later will be required to continue using a supported version of Microsoft Edge. Please go [here](#) to learn more.

Editions

- Enterprise
- Enterprise N
- Home Basic
- Home Premium
- Home Premium N
- Professional

- Professional for Embedded Systems
- Professional N
- Starter
- Starter N
- Ultimate
- Ultimate for Embedded Systems
- Ultimate N



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
सूचना प्रौद्योगिकी एवं साइबर सुरक्षा प्रभाग
Information Technology & Cyber Security Division

विषय : CEA (Cyber Security in Power Sector) Guidelines, 2021.

CEA is mandated to prepare 'Guidelines on Cyber Security' in Power Sector under the provision of regulation (10) of the Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019. Guidelines on Cyber Security in Power Sector incorporating the cardinal principles has been prepared by CEA. In compliance to the provision of the above regulation, CEA (Cyber Security in Power Sector) Guidelines, 2021 are issued for compliance by all entities listed in the clause 2.3 (Applicability of the Guidelines) of the guidelines.

Encl: Guidelines on Cyber Security


व.के. मिश्रा
(V.K. Mishra)
Secretary CEA

CEA (Cyber Security in Power Sector) Guidelines, 2021

1.0 Background

- 1.1 Cyber intrusion attempts and Cyber-attacks in any critical sector are carried out with a malicious intent. In Power Sector it's either to compromise the Power Supply System or to render the grid operation in-secure. Any such compromise, may result in mal-operations of equipments, equipment damages or even in a cascading grid brownout/blackout. The much hyped air gap myth between IT and OT Systems now stands shattered. The artificial air gap created by deploying firewalls between any IT and OT System can be jumped by any insider or an outsider through social engineering. Cyber-attacks are staged through tactics & techniques of Initial Access, Execution, Persistence, Privilege Escalation, Defence Evasion, Command and Control, Exfiltration. After gaining the entry inside the system through privilege escalation, the control of IT network and operations of OT systems can be taken over even remotely by any cyber adversary. The gain of sensitive operational data through such intrusions may help the Nation/State sponsored or non-sponsored adversaries and cyber attackers to design more sinister and advanced cyber-attacks.
- 1.2 Government of India has set up the Indian Computer Emergency Response Team (CERT-In) for Early Warning and Response to cyber security incidents and to have collaboration at National and International level for information sharing on mitigation of cyber threats. CERT-In regularly issues advisories on safeguarding computer systems and publishes Security Guidelines which are widely circulated for compliances. All Central Government Ministries/ Departments and State/Union Territory Governments have been advised to conduct cyber security audit of their entire Cyber Infrastructure including websites at regular interval through CERT-In empanelled Auditors so as to identify gaps and appropriate corrective actions to be taken in cyber security practices. CERT-In extends supports to enable Responsible Entity in conducting cyber security mock drills and in assessment of their preparation to withstand cyber-attacks. The Responsible Entity must submit Reports of Cyber Audit of cyber security controls, architecture, vulnerability management, network security and periodic cyber security drills to sectoral CERT as well as CERT-In. Team of experts shall review these reports and shortcomings if any in the compliances shall be flagged by them. CERT-In on regular basis also conducts workshops and training programs to enhance Cyber awareness of all Stakeholders.
- 1.3 Ministry of Power has created 6(six) sectoral CERTs namely Thermal, Hydro, Transmission, Grid Operation, RE and Distribution for ensuring cyber security in Indian Power Sector. Each Sectoral CERT has prepared their sub-sector specific model Cyber Crisis Management Plan(C-CMP) for countering cyber-attacks and cyber terrorism. Each Sectoral CERT has circulated their model C-CMPs for preparation and implementation of organization specific C-CMP by each of their Constituent Utility.
- 1.4 All Responsible Entities, Service Providers, Equipment Suppliers/Vendors and Consultants engaged in Power Sector are equally responsible for ensuring cyber security of the Indian Power Supply System. They are to act timely upon each threat intelligence,

advisories and other inputs received from authenticated sources, for continuous improvement in their cyber security posture.

- 1.5 In the current Indian scenario though many cyber security directives and guidelines exists, but none of them are power sector specific. Ministry of Power has directed CEA to prepare Regulation on Cyber Security in Power Sector. And as an interim measures CEA has been directed to issue Guideline on Cyber Security in Power Sector, under the provision of Regulation 10 on Cyber Security in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".
- 1.6 The Guidelines on Cyber Security, in the form of Articles written below, requires mandatory Compliance by all Responsible Entities. The Guidelines shall come into effect from the date of issue by Central Electricity Authority, New Delhi.
- 2.0 Hereby the Guidelines on Cyber Security are drawn in the form of Articles for compliance by the Requester as well as User under the following provision of Regulation 10 on Cyber Security, in the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019".

"The requester and the user shall comply with cyber security guidelines issued by the Central Government, from time to time, and the technical standards for communication system in Power Sector laid down by the Authority."

2.1 **Objective of issuing Guideline:**

- a) Creating cyber security awareness
- b) Creating a secure cyber ecosystem,
- c) Creating a cyber-assurance framework,
- d) Strengthening the regulatory framework,
- e) Creating mechanisms for security threat early warning, vulnerability management and response to security threats,
- f) Securing remote operations and services,
- g) Protection and resilience of critical information infrastructure,
- h) Reducing cyber supply chain risks,
- i) Encouraging use of open standards,
- j) Promotion of research and development in cyber security,
- k) Human resource development in the domain of Cyber Security,
- l) Developing effective public private partnerships,
- m) Information sharing and cooperation
- n) Operationalization of the National Cyber Security Policy

2.2 Within the text of these Articles, '**Responsible Entity**' shall mean all:

- a) Transmission Utilities as well as Transmission Licensees,
- b) Load despatch centres (State, Regional and National),
- c) Generation utilities (Hydro, Thermal, Nuclear, RE),
- d) Distribution Utilities
- e) Generation Aggregators,
- f) Trading Exchanges,
- g) Regional Power Committees, and
- h) Regulatory Commissions.

2.3 Applicability:

All Responsible Entities as well as System Integrators, Equipment Manufacturers, Suppliers Vendors, Service Providers, IT Hardware and Software OEMs engaged in the Indian Power Supply System.

2.4 Scope:

2.4.1 Control Systems for System Operation and Operation Management.

- a) Grid Control and Management Systems,
- b) Power Plant Control Systems,
- c) Central Systems used to monitor and control of distributed generation and loads e.g. virtual power plants, storage management, central control rooms for hydroelectric plants, photovoltaic/wind power installations,
- d) Systems for fault management and work force management,
- e) Metering and measurement management systems,
- f) Data archiving systems,
- g) Parameterisation, configuration and programming systems,
- h) Supporting systems required for operation of the above mentioned systems,

2.4.2 Communication System.

- a) Routers switches and firewalls,
- b) Communication technology-related network components,
- c) Wireless digital systems,
- d) Control Centre to Control Centre Communications for data exchange on ICCP. (IEC 61850/60850-5/TASE.2.)

2.4.3 Secondary, Automation and Tele control technologies

- a) Control and Automation components,
- b) Control and field devices,
- c) Tele control devices,
- d) Programmable logic controllers / Remote Terminal Units, including digital sensor and actuators elements,
- e) Protection devices,
- f) Safety components,
- g) Digital measurement and metering installations,
- h) Synchronisation devices,
- i) Excitation Systems,

3.0 Definition of Terms:

1. **Access Management:** shall mean set of policies and procedures of the Responsible Entity for allowing Personnel, devices and IoT to securely perform a broad range of operational, maintenance, and asset management tasks either on site or remotely as laid down in Clause 5.2.5 of IS 16335.
2. **Accreditation:** shall mean the process of verifying that an organisation is capable of conducting the tests and assessments against a product/process that are required to be certified.

3. **Accreditation Body:** shall mean an organisation that has been accredited to verify the credentials and capabilities of the organisations that wish to become a certification body.
4. **Act:** shall mean the Information Technology Act, 2000 (21 of 2000)
5. **Asset:** shall mean anything that has value to the organization.
6. **Certification:** shall mean the process of verifying that a product has been manufactured in conformance with a set of predefined standards and/or regulations by an organisation, that is accredited to conduct the certification process
7. **Certification Body:** shall mean an organisation that has been accredited by an accreditation body to certify products / process against a certification scheme.
8. **Certification Scheme:** shall mean the processes, paperwork, tools, and documentation that define how a product or manufacturer is certified
9. **Chief Information Security Officer:** shall means the designated employee of Senior management level directly reporting to Managing Director/Chief Executive Officer/Secretary of the Responsible Entity, having knowledge of Information Security and related issues, responsible for cyber security efforts and initiatives including planning, developing, maintaining, reviewing and implementation of Information Security Policies
10. **Critical Assets:** shall mean the facilities, systems and equipment which, if destroyed, degraded or otherwise declared unavailable, would affect the reliability or operability of the Power Supply System.
11. **Critical System:** shall mean cyber assets essential to the reliable operation of critical asset. Critical System consists of those cyber assets that have at least one of the following characteristics:
 - a) The cyber asset uses a routable protocol to communicate outside the electronic security perimeter.
 - b) The cyber asset uses a routable protocol within a control centre.
 - c) The cyber asset is dial-up accessible.
12. **Critical Information Infrastructure:** shall mean Critical Information Infrastructure as defined in explanation of sub-section (1) of Section 70 of the Act.
13. **Cyber Assets:** shall mean the programmable electronic devices, including the hardware, software and data in those devices that are connected over a network, such as LAN, WAN and HAN.
14. **Cyber Crisis Management Plan:** shall mean a framework for dealing with cyber related incidents for a coordinated, multi-disciplinary and broad-based approach for rapid identification, information exchange, swift response and remedial actions to mitigate and recover from malicious cyber related incidents impacting critical processes.
15. **Cyber Security Breach:** shall mean any cyber incident or cyber security violation that results in unauthorized or illegitimate access or use by a person as well as an entity, of data, applications, services, networks and/or devices through bypass of the underlying cyber security protocols, policies and mechanisms resulting in the compromise of the confidentiality, integrity or availability of data/information maintained in a computer resource or cyber asset.
16. **Cyber Security Incident:** shall mean any real or suspected adverse cyber security event that violates, explicitly or implicitly, cyber security policy of Responsible Entity resulting in unauthorized access, denial of service or disruption, unauthorized use of computer resource for processing or storage of information or changes to data or information

without authorization, leading to harm to the power grid or its critical sub-sectoral elements Generation, Transmission and Distribution.

17. **Cyber Security Policy:** shall mean documented set of business rules and processes for protecting information, computer resources, networks, devices, Industrial Control Systems and other OT resources.
18. **Electronic Security Perimeter:** shall mean the logical border surrounding a network to which the Cyber Systems of Power Supply System are connected using a routable protocol.
19. **Information Security Division:** shall mean a division accountable for cyber security and protection of the Critical System of the Responsible Entity.
20. **Protected System:** shall mean any computer, computer system or computer network of the Responsible Entity notified under section 70 of the Act, in the official gazette by appropriate Government.
21. **Security Architecture:** shall mean a framework and guidance to implement and operate a system using the appropriate security controls with the goal to maintain the system's quality attributes like confidentiality, integrity, availability, accountability and assurance.
22. **Vulnerability:** shall mean intrinsic properties of something resulting in susceptibility to a risk source that can lead to an event with a consequence
23. **Vulnerability Assessment:** shall mean a process of identifying and quantifying vulnerabilities

4.0 Standards

Reference	Description
ISO/IEC 15408	Common Criteria Certification Standard
ISO/IEC 17011	General requirements for accreditation bodies accrediting conformity assessment bodies
ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories
ISO/IEC 21827	Systems Security Engineering - Capability Maturity Model (SSE-CMM)
ISO/IEC 24748-1	Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management.
ISO 27001.2	Information Security Management
ISO/IEC 27019	Information technology — Security techniques — Information Security controls for the energy utility industry
ISO/IEC 61508	Functional Safety of Electrical / Electronic / Programmable Electronic Safety-related Systems
IEC 61850	Communication networks and systems for power utility automation
IEC 62351	Standards for Securing Power System Communications
IEC 62443	Cyber Security for Industrial Control Systems
IS 16335	Power Control Systems - Security Requirements.

5.0 Abbreviations

Abbreviations	Description
a) BES	Bulk Electric System

b)	CDAC	Centre for Development of Advanced Computing
c)	CEA	Central Electricity Authority
d)	CERC	Central Electricity Regulatory Commission
e)	CERT	Computer Emergency Response Team
f)	CERT-In	Indian Computer Emergency Response Team
g)	CII	Critical Information Infrastructure
h)	CISO	Chief Information Security Officer
i)	CSK	Cyber Swachhta Kendra
j)	COTS	Commercial off-the Shelf
k)	ESP	Electronic Security perimeter
l)	ICS	Industrial Control Systems
m)	ICT	Information and Communications Technology
n)	IEC	International Electro Technical Commission
o)	ISAC	Information Sharing and Analysis Centre
p)	ISD	Information Security Division
q)	ISO	International Organization for Standardization
r)	ISMS	Information Security Management System
s)	IT	Information Technology
t)	FAT	Factory Acceptance Test
u)	NABL	National Accreditation Board for Testing and Calibration Laboratories
v)	NCIIPC	National Critical Information Infrastructure Protection Centre
w)	NLDC	National Load Dispatch Centre
x)	NPTI	National Power Training Institute
y)	NSCS	National Security Council Secretariat
z)	OEM	Original Equipment Manufacturer
aa)	OT	Operational Technology
bb)	RLDC	Regional Load Dispatch Centres
cc)	SAT	Site Acceptance Test
dd)	SERC	State Electricity Regulatory Commission
ee)	SCADA	Supervisory Control and Data Acquisition Systems
ff)	SIEM	Security Information and Event Management
gg)	SLA	Service Level Agreement
hh)	SLDC	State Load Dispatch Centre
ii)	QCI	Quality Council of India

Article 1. Cyber Security Policy.

a. Cardinal Principles: The Responsible entity will strictly adhere to following cardinal principles while framing cyber security policy:

- i. There is hard isolation of their OT Systems from any internet facing IT system.
 - ii. May keep only one of their IT systems with internet facing at any of their site location if required which is isolated from all OT zones and kept in a separate room under the security and control of CISO.
 - iii. Downloading/Uploading of any data/information from their internet facing IT system is done only through an identifiable whitelisted device followed by scanning of both for any vulnerability/malware as per the SOP laid down and for all such activities digital logs are maintained and retained under the custody of CISO for at least 6 months. The log shall be readily to carry out the forensic analysis if asked by investigation agency.
 - iv. List of whitelisted IP addresses for each firewall is maintained by CISO and each firewall is configured for allowing communication with the whitelisted IP addresses only.
 - v. Communication between OT equipment/systems is done through the secure channel preferably of POWERTEL through the fibre optic cable. Security configuration of the communication channel is also to be ensured.
 - vi. All ICT based equipment/system deployed in infrastructure system mandatorily CII are sourced from the list of the "Trusted Sources" as and when drawn by MoP/CEA.
- b. The Responsible Entity shall be ISO/IEC 27001 certified (including sector specific controls as per ISO/IEC 27019).
 - c. The Responsible Entity shall have a Cyber Security Policy drawn upon the guidelines issued by NCIIPC.
 - d. The Responsible Entity shall ensure annual review of their Cyber Security Policy by subject matter expert and changes shall be made therein only after obtaining the due approval from Board of Directors.
 - e. The process of Access Management for all Cyber Assets owned or under control of the Responsible Entity shall be detailed in the Cyber Security Policy.
 - f. The Cyber Security Policy shall leverage state-of-art cyber security technologies and relevant processes at multiple layers to mitigate the cyber security risks.
 - g. The Responsible Entity shall be solely responsible to get Cyber Security Policy implemented through its Information Security Division (ISD).
 - h. The CISO shall record the reason(s) for exemption required, if any, in case, unable to comply with any of the provision(s) of the Cyber Security Policy. Any exception shall be allowed only after an approval of provisions of compensatory control(s) to mitigate residual cyber security risks.

- i. The CISO shall record the exemptions sought in statement of applicability controls, while getting the ISO 27001 certified. All exemptions and its justification need to be in conformance with Cyber Security Policy of the Responsible Entity.
- j. The Responsible Entity shall allocate sufficient Annual budget for enhancing cyber security posture, enhanced year over year.
- k. The Responsible Entity shall work in collaboration with other Industry Stakeholders as well as Academia to promote R&D activity in the domain of cyber security.
- l. The Responsible Entity shall ensure that cyber security issues are taken up as agenda items in their Board meetings once in every three months.

Article 2 Appointment of CISO.

- a) The Responsible Entity shall mandatorily appoint a CISO and shall confirm to qualification, if any, laid by Quality Council of India (QCI). In absence, the work of CISO shall be looked upon by Alternate CISO. In case qualification for appointment of Alternate CISO has been relaxed for reasons recorded thereof, Alternate CISO has to mandatorily acquire the minimum required cyber security skill sets within six months from the date of his appointment.
- b) The Responsible Entity shall regularly update details of CISO and Alternate CISO, with the Sectoral CERT, as well as on ISAC-Power Portal.
- c) Roles and Responsibility of CISOs shall be as laid by CERT-In and ring-fenced to ensure cyber security of the Cyber Assets of the Responsible Entity.

Article 3: Identification of Critical Information Infrastructure (CII).

- a) The Responsible Entity shall submit to NCIIPC through Sectoral CERT, details of Cyber Assets which uses a routable protocol to communicate outside the Electronic Security Perimeter drawn by the Responsible Entity or a routable protocol within a control centre and dial-up accessible Cyber Assets, within 30 days from the date of their commissioning in the System.
- b) The Responsible Entity shall submit details of Critical Business Processes and underlying information infrastructure along with mapped impact and Risk Profile to NCIIPC and shall get their CIIs identified in consultation with NCIIPC. The process of the notification declaration by Appropriate Government shall follow thereafter.
- c) The Responsible Entity shall review their declared/notified CIIs at least once a year to examine changes if any in the functional dependencies, protocols and technologies or upon any change in security architecture. The Responsible Entity shall review their declared/notified CIIs once in every 6 months, in case if NCIIPC has directed them to constitute an Information Security Steering Committee.
- d) The Responsible Entity shall ensure that all cyber assets of their identified notified CIIs are recorded in the asset register and considered for risk assessment as well as for finalization of controls in statement of applicability.

Article 4. Electronic Security Perimeter

- a) The Responsible Entity shall identify and document the Electronic Security Perimeter(s) and all Access Points to the perimeter(s).

- b) The Responsible Entity shall follow procedure of identifying "Electronic Security Perimeter" in case of distributed and/or hybrid information infrastructure, as per IEC 62443 / IS16335 (as amended from time to time).
- c) The Responsible Entity shall ensure that every Critical System resides within an Electronic Security Perimeter.
- d) The Responsible Entity shall perform a cyber-Vulnerability Assessment of each electronic Access Points to the Electronic Security Perimeter(s) at least once in every 6 (six) months and/or after any change in Security Architecture.
- e) The Responsible Entity shall ensure that all critical, high and medium vulnerabilities identified as a result of cyber Vulnerability Assessment shall be closed and verified for the effective closure.

Article 5. Cyber Security Requirements

- a) The Responsible Entity shall have an Information Security Division (ISD), headed by CISO.
- b) The Responsible Entity shall ensure that the ISD must be functional on 24x7x365 basis and is manned by sufficient numbers of Engineers having valid certificate of successful completion of course on cyber security of Power Sector from the Training Institutes designated by CEA.
- c) The Responsible Entity shall ensure that ISD
 - 1) has on-boarded Cyber Swachhita Kendra(CSK) of CERT-In, if they have public IPs.
 - 2) has timely acted upon the advisories, guidelines and directive of NCIIPC, CSK, CERT-In and Sectoral CERTs.
 - 3) has deployed an Intrusion Detection System and Intrusion Prevention System capable of identifying behavioural anomaly in both IT as well as OT Systems.
 - 4) shares reports on incident response and targeted malware samples with CERT-In,
 - 5) updates the firmware software with the digitally signed OEM validated patches only.
 - 6) enables only those ports and services that are required for normal operations. In case of any emergency the procedure as laid in Access management be followed.
 - 7) maintains firewall logs for the last 6 months duration. Firewall logs shall be analysed and all critical and high severity comments shall be addressed for effective closure.
 - 8) retains document of FAT, SAT test results and report/ certificate of cyber tests carried out for compliance of Government Orders and Cyber Security Audit.*
 - 9) maintains all cyber logs and cyber forensic records of any incident for at least** 90 days.
 - * FAT, SAT must include comprehensive cyber security tests of the component/equipment/system to be delivered/delivered at site.
 - ** 90 days from date of the commissioning of the system/recovery from any incident, whichever is later.
- d) The Responsible Entity shall routinely audit and test security properties of the Critical System and must act upon, in case if any new vulnerabilities is identified through testing or by the equipment manufacturer.

- e) The Responsible Entity shall design a secure architecture for control system appropriate for their process control environment*
- f) All State Load Dispatch Centres (SLDCs) shall comply with the directions issued by the National Load Dispatch Centre (NLDC) as well as Regional Load Dispatch Centres (RLDCs) U/s 29 (1) of the Electricity Act, 2003 to ensure stability and cyber security of grid operation and achieve efficiency in the grid operation. In case of any non-compliance, the Head of SLDC shall be responsible and shall be liable for Penalty as per the provision of CERC/SERC.

*There are so many different types of systems in existence and so many possible solutions, it is important that the selection process ensures that the level of protection is commensurate with the business risk and the Responsible Entity shall not rely on one single security measure for its defence. (Reference IEC TR62531-10 Edition 1.0 2012-10 Power systems management and associated information exchange – Data and communications security – Part 10: Security architecture guidelines).

Article 6 Cyber Risk Assessment and Mitigation Plan

- a) The Responsible Entity shall document in their Cyber Security Policy a Cyber Risk Assessment and Mitigation Plans drawn upon the best practises being followed in the Power Sector, and the same shall be approved by Board of Directors.
- b) The Cyber Risk Assessment and Mitigation Plans shall clearly define the matrix for assessing the cyber risk of both IT and OT environment and risk acceptance criteria.
- c) The Cyber Risk Assessment Plan shall be capable to demonstrate that repeated cyber security risk assessment delivers consistent, valid and comparable results.
- d) The review of cyber risk assessment shall be carried out at least once in a Quarter. The actionability of risk treatment and mitigation shall be tracked in this review for their effectiveness.
- e) The CISO shall be responsible for implementation and regular review, on the basis of internal and external feedbacks, of the Cyber Risk Assessment and Mitigation Plans.

Article 7 Phasing out of Legacy System

- a) As the life cycle of the Power System Equipment/System is longer than that of IT Systems deployed therein, the Responsible Entity shall ensure that all IT technologies in the Power System Equipment System should have the ability to be upgraded.
- b) The Responsible Entity shall ensure that the Information Security Division shall draw the list of all communicable equipments/systems nearing end life or are left without support from OEM. Thereafter CISO shall identify equipment/systems to be phased out from the list drawn, firm up their replacement plan and put up the replacement plan for approval before the Board of Directors.
- c) The CISO shall ensure that till equipments/systems nearing end life or left without support from OEM are not replaced, their cyber security is hardened and ensured through additional controls provisioned in consultation with the OEM or alternate Supplier(s)*
*e.g. Use of CDAC developed AppSamvid and whitelisting of applications installed may be explored across all legacy systems.
- d) The Responsible Entity shall document in their Cyber Security Policy a Standard Operating Procedure for safe and secure disposal of outlived or legacy devices.

Article 8. Cyber Security Training

- a) The Responsible Entity shall establish, document, implement, and maintain an annual cyber security training program for personnel having authorized cyber or authorized physical access (unescorted or escorted) to their Critical Systems.
- b) The Responsible Entity shall review annually their cyber security training program and shall update it whenever necessary. Annual Review shall record evaluation of the effectiveness of the trainings held.
- c) The Responsible Entity shall ensure that Cyber Security training program designed for their IT as well as OT O&M Personnel must include following topics and as per their functional requirements and security concerns additional topics shall be added:
 - 1) User authentication and authorization.
 - 2) Cyber Security and Protection mechanisms of IT/OT/ICS Systems.
 - 3) Introduction to various standards i.e. ISO/IEC:15408, ISO/IEC:24748-1, ISO: 27001, ISO: 27002, ISO 27019, IS 16335, IEC ISO:62443.
 - 4) Training on implementation of ISO/IEC 27001 and awareness on IEC 62443.
 - 5) Vulnerability Assessment in the Critical System.
 - 6) Monitoring and preserving of electronic logs of access of Critical Assets.
 - 7) Detecting cyber-attacks on SCADA and ICS systems
 - 8) The handling of Critical System during cyber crisis.
 - 9) Action plans and procedures to recover or re-establish normal functioning of Critical Assets and access thereto following a Cyber Security Incident.
 - 10) Hands on SCADA operation at any of the Regional Load Dispatch Centre.
 - 11) Handling of risks involved in the procurement of COTS Products.
- d) All Personnel engaged in O&M of IT & OT Systems shall mandatorily undergo courses on cyber security of Power Sector from any of the training institute designated by CEA, immediately within 90 days from the notification of CEA Guidelines on Cyber Security in Power Sector.
- e) The Responsible Entity shall ensure that none of their newly hired or the current Personnel have access to the Critical System, prior to the satisfactory completion of cyber security training programme from the Training Institutes designated in India, except in specified circumstances such as cyber crisis or an emergency.
- f) NPTI in consultation with CEA shall identify and design domain specific courses on Cyber Security for different target groups. The "Governing Board for PSO Training and Certification" shall approve the content, duration etc of these courses and shall review it Annually. NPTI shall conduct these courses at all of their branches on regular basis and shall maintain the list of the Participants successfully completing the course.

Article 9 Cyber Supply Chain Risk Management

- a) The Responsible Entity shall ensure that, as and when Ministry of Power, Government of India notifies the Model Contractual Clauses on cyber security, these clauses are included in their every Bid invited for procurement of any ICT based components/equipments/System to be used for Power System.
- b) The Responsible Entity shall ensure that all the Communicable Intelligent Equipments and the Service Level Agreements (SLAs) for their Critical Systems shall be sourced from the list of the "Trusted Sources" as and when drawn by MoP/CEA.

- c) The Responsible Entity shall ensure that, in case, for the any Communicable Intelligent Devices, if no Trusted Source has been identified, then the successful bidder in compliance with the provisions made in MoP order dated 2.7.2020 and any other relevant MoP order has got the product cyber tested for any kind of embedded malware/Trojan/cyber threat and for adherence to Indian Standards at the designated lab.
 - d) The Responsible Entity shall ensure that the essential cyber security tests are carried out successfully during FAT, SAT as detailed in **Annexure A**. The equipment/System besides for functionality shall also be tested in the factory for vulnerabilities, design flaws, parts being counterfeit or tainted, so as to minimize problems during on-site testing and installation. Cyber Security Conformance Testing are to be carried out in the designated Lab as listed in **Annexure-I of MoP Order No. 12/13/2020-T&R dt. 8th June, 2021(Order at Annexure-B)**.
 - e) The Responsible Entity shall ensure that the Equipment/System supplied by the successful bidder shall accompany with a certificate¹ * obtained by OEM from a certification body accredited to assess devices and process for conformance to IEC 62443-4 standards during design and manufacture. The Responsible Entity shall accept the certificate submitted along with the supplied Equipment/System only if it's in line with the Testing Protocol as notified by Ministry of Power, Government of India, from time to time.
 - f) The Responsible Entity in compliance to the requirement of Article 9(e) shall also accept, till the setting up of an adequate certification facility in the India, a digitally signed self-declaration of conformance to the IEC 62443-4 standards during design and manufacture of the equipment system, if submitted by the OEM.
 - g) The Responsible Entity shall dispose all unserviceable or obsolete Communicable Intelligent Devices as per the procedure laid in their Cyber Risk Assessment and Mitigation Plans which shall be in line with the prevailing best practices.
- § The National & International certification may be specified in the tender for critical systems/sub-systems being procured by the Responsible Entity.

Certification Schemes:

- Embedded Device Security Assurance Certification** is for an individual product,
- System Security Assurance Certification** is for a set of products in a system (possibly from different vendors)
- Security Development Lifecycle Assurance Certification** is for the development processes that a manufacturer uses for developing products.

Article 10 Cyber Security Incident Report and Response Plan

- a) The CISO of the Responsible Entity shall report in the formats prescribed by CERT-In, all Cyber Security Incidents, classified as reportable events.
- b) Root cause analysis for all reportable events shall be carried out and corrective action taken, so as to ensure that any re-occurrence of such event can be managed with ease.
- c) The Responsible Entity shall mandatorily define in their Cyber Security Policy, criteria(s) identified on the basis of impact analysis, for declaring the occurrence of

Cyber Security Incident(s) as a Cyber Crisis in the System owned or controlled by them.

- d) The Responsible Entity shall mandatorily designate an Officer along with his/her standby by name and designation and empower them to declare an occurrence of the incident(s) as "Cyber Crisis". The contact details of these Officers shall be updated in the C-CMP within 15 days of changes if any due to transfer or superannuation etc.
- e) The CISO shall ensure that during any Cyber Security Incident, ISD monitors and minutely records every details of cyber security events and incidents in both IT as well as the OT System owned or controlled by the Responsible Entity.
- f) The CISO shall ensure that each cyber incident is handled strictly as per Cyber Security Incident Response Plan detailed in the latest C-CMP approved by the Board of Directors.
- g) The Responsible Entity shall ensure that the efficacy of the Cyber Security Incident Response Plan is tested annually through mock drill(s) carried out, if feasible, as simulation exercise(s) or as table top exercise(s) with wider participation of their employees, in consultation with CERT-In and sectoral CERT. In case if any shortcoming is observed in the Cyber Security Incident Response Plan suitable changes shall be made in it.
- h) The Responsible Entity shall ensure that the CISO compiles details of incident detection, incident handling, learnings from each incident and damage claims made if any and shall report to CERT-In as well as upload information on ISAC-Power Portal.

Article 11 Cyber Crisis Management Plan(C-CMP)

- a) The Responsible Entity shall prepare a Cyber Crisis Management Plan and submit to their sectoral-CERT for review with intimation to Ministry of Power CISO-MoP. Responsible Entity shall update their C-CMP on the basis of comments made by sectoral-CERT and then submit for vetting to CERT-In. The C-CMP shall be updated once again to include the observations made by CERT-In before seeking approval of Board of Directors for implementation of C-CMP.
- b) The Responsible Entity shall ensure that the C-CMP is reviewed at least annually. The CISO shall ensure that all changes are made in C-CMP only with the due approval of Board of Directors and the changes made in C-CMP have been communicated through a verifiable means to all the concerned Personnel of the Responsible Entity.
- c) The CISOs shall be the custodian of all the cyber security related documents including Cyber Crisis Management Plan, Risk Treatment Plan, Statement of Applicability of controls, and compliance to regulator's requirement.
- d) The CISO shall be accountable for ensuring enforcement of C-CMP by Information Security Division of the Responsible Entry, during a cyber-crisis, as and when declared by the designated Officer. (refer Article 10(d))

Article 12: Sabotage Reporting%

- a) The Responsible Entity shall incorporate procedure for identifying and reporting of sabotage in their Cyber Security Policy within 30 days from issue of the Guidelines, or grant of licence under the appropriate legal provisions to the Responsible Entity.
- b) The CISO shall be held liable for non-reporting of identified sabotage(s) as per procedure laid for identifying and reporting of sabotage in the Cyber Security Policy of the Responsible Entity.

- c) The CISO shall prepare a detailed report on disturbances or unusual occurrences, identified, suspected or determined to be caused by sabotage in the Critical System of the Responsible Entity, and shall submit the report to the Sectoral CERT as well as to CERT-In within 24 hours of its occurrence.
- d) The CISO shall submit to NCIIPC within 24 hours of occurrence the report on every sabotage classified as cyber incidents(s) on "Protected System".
- e) The CISO upon occurrence on every sabotage shall take custody of all log records as well as digital forensic records of affected Cyber Assets, Intrusion Detection System, Intrusion Protection System, SIEM and shall preserve them for at least 90 days and shall make them available as and when called upon for investigation by the concerned Agencies.

²⁴Disturbances or unusual occurrences, suspected or determined to be caused by sabotage.

Sabotage e.g. can be a forced intrusion in un-manned/manned facility and taking control of operation of Critical System through a communicating device.

Article 13 Security and Testing of Cyber Assets

- a) The Responsible Entity shall ensure security of all in-service phase as well as standby Cyber Assets through regular firmware Software updates and patching, Vulnerability management, Penetration testing (of combined installations), securing configuration, supplementing security controls. CISO shall maintain details of update version of each firmware and software and their certification if received from OEMs.
- b) The Responsible Entity shall carry out regularly Vulnerability Assessment of all Cyber Assets owned or under their control. If a Cyber Asset is found vulnerable to any exploits or upon any patch updates or major configuration changes, then further Penetration Testing may be carried out offline or in a sustainably configured laboratory test-bed to determine other vulnerabilities that may have not been identified so far.
- c) The Responsible Entity shall specify security requirement and evaluation criteria during each phase of their procurement Process.
- d) The Responsible Entity shall ensure that all Cyber Assets being procured shall conform to the type tests as mentioned in the specification for type testing listed in the bid document. Type test reports of tests conducted in NABL accredited Labs or internationally accredited labs (with in last 5 years from the date of bid opening) shall be mandated to be submitted along with bid. In case, the submitted Type Test reports are not as per specification, the re-tests shall be conducted without any cost implication to the Responsible Entity.
- e) The Responsible Entity shall ensure that all Communicable devices are tested for communication protocol as per the ISO IEC/IS standards listed in MoP Order No. 12/13/2020-T&R dated 8th June, 2021(Annexure-B).
- f) The Responsible Entity shall ensure that all Critical Systems designed with Open Source Software are adequately cyber secured.
- g) The Responsible Entity as a best practise upon any incidence of Cyber Security Breach shall carry out cyber security tests at any lab designated for cyber testing by Ministry of Power. These tests shall be similar to Pre Commissioning Security Test and those essential for carrying out Post Incident Forensics Analysis.

Article 14 Cyber Security Audit

- a) The Responsible Entity shall implement Information Security Management System (ISMS) covering all its Critical Systems.
- b) The Responsible Entity shall through a CERT-In Empanelled Cyber Security OT Auditor shall get their IT as well as OT System audited at least once in every 6 (six) months and shall close all critical and high vulnerabilities within a period of one month and medium as well as low non-conformity before the next audit. Effective closure of all non-conformities shall be verified during the next audit.
- c) The Cyber Security Audit shall be as per ISO/IEC 27001 along with sector specific standard ISO/IEC 27019, IS 16335 and other guidelines issued by appropriate Authority if any. These mentioned standards shall be current with all amendments if any and in case if any standard is superseded, the new standard shall be applicable. CISO shall ensure immediate closure of non-conformance, based on the criticality and by means all non-conformances are to be closed before the next audit.
- d) The Responsible Entity shall ensure that CISO has all the required systems and documents in place, as mandated by NSCS for base line cyber security audit.

FAT & SAT

1. During FAT stage, the customer has to verify all types test reports / certificates including Communication protocol and security conformance tests of the devices offered for FAT.
2. FAT of SCADA involves testing as a whole system in the integrated scale down set up. For SCADA, Indian standard IS 15953: 2011 “SCADA System for Power System Applications” provides definition and guidelines for the specification, performance analysis and application of SCADA systems for use in electrical utilities (for transmission & Distribution) including guidance on Tests and inspections.
3. The SAT will be done at customer site as per the SAT document mutually agreed by buyer and supplier. For SAT also, guidance from IS 15953: 2011 need to be applied.
4. IEC 61850-10-3 Communication Networks and Systems For Power Utility Automation- Functional testing of IEC 61850 systems (in draft stage - CDTR) covers testing of applications within substations covering
 - a. A methodical approach to the verification and validation of a substation solution
 - b. The use of IEC 61850 resources for testing in Edition 2.1
 - c. Recommended testing practices for different use cases
 - d. Definition of the process for testing of IEC 61850 based devices and systems using communications instead of hard wired system interfaces (ex. GOOSE and SV instead of hardwired interfaces)
 - e. Use cases related to protection and control functions verification and testing.

This standard may be used as a guidelines for FAT & SAT for Substation Automation System (SAS) based on IEC 61850.

List of designated laboratories for cyber security conformance testing

Table -A. Field Equipment /Operational Technology (OT)

Sl. No.	Equipment	Communication Protocol Conformance Standards	Protocol Security Conformance Standards	Designated Laboratories
1	Remote Terminal Units (RTUs) & PLCs with IEC communications protocols	IEC 60870-5 -101 / IEC 60870-5 -104 (Test Details Annexure 2)	IEC 60870-5-7 Security extension & IEC 62351 series (specifically IEC 62351-100 parts 1 & 3) (Test Details Annexure-2)	Central Power Research Institute (CPRI), Prof Sir C V Raman Road, Sedashivanagar P O, Bengaluru - 560080, Karnataka
2	Intelligent Electronic Equipment / Numerical Protection Relays / Bay Control Units / Bay Protection Units, Gateways, Transformer Tap controller changer, etc. with IEC 61850 communication protocol	IEC 61850 - 5 to IEC 61850 -10 (Test Details Annexure 2)		CPRI
3	Smart meters with IEC 62056 communication protocols	IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test details Annexure 2)	IEC 62056 series / DLMS & IS 15959 series and IS 16444 series (Test Details Annexure 2)	1. CPRI 2. Electrical Research and Development Association: (ERDA), ERDA Road, GIDC, Miskarpara, Vadodara - 390 010 Gujarat 3. Yadav Measurements Pvt. Ltd. (YMPL) 373-375, RIICO Bhamashah Industrial Area Kaladyas 313003 Udaipur - Rajasthan

Information Technology (IT) Equipment (Main / Backup / Disaster recovery (DR) Control Centre / Substation control centre IT equipment)

All IT products procured /supplied shall have a valid Certificate of Common Criteria as per ISO IEC 15408 issued by signatories of the Common Criteria Recognition Agreement (CCRA) (www.commoncriteriaportal.org)

Import procurement supplied from vendors sourcing from prior reference countries, the Certificate for Common Criteria shall be from Government Laboratories in India according to the IC3S scheme operated by Ministry of Electronics and Information Technology, which is a signatory to CCRA.

<https://www.commoncriteria-india.gov.in/>

Details of tests for various identified products**Remote Terminal Units (RTUs) (SL No. 1 of Table – A of Annexure – 1)****Test protocol:**

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

- 1) IEC 60870-3-101 & IEC 60870-5-104 as applicable
- 2) IEC 60870-5-7 Telecontrol equipment and systems - Part 5-7: Transmission protocols - Security extensions to IEC 60870-5-101 and IEC 60870-5-104 protocols (applying IEC 62351)
- 3) IEC 62351-100-1 & IEC 62351-100-3 and other cross referenced standards.

Test cases**Extract from standard (IEC 62351-100-1)**

The conformance test cases are divided into four clauses:

- Clause 5: Verification of configuration parameters. This clause contains the configuration parameters affecting the message contents and/or the protocol behaviour.
- Clause 6: Verification of communication. The goal of this clause is to verify that Device Under Test (DUT) is able to implement the security extension messages as described in IEC TS 60870-5-7.
- Clause 7: Verification of procedures. The goal of this clause is to verify that DUT is able to execute the security extension procedures as described in IEC TS 62351-5.
- Clause 8: Test result chart. This clause contains the results of the test cases listed in Clauses 6 and 7 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered; their numbering syntax is: Subclause number (where the Table is located) + test case number.

In the column 'reference' each test case has a direct reference to IEC TS 62351-5 or IEC TS 60870-5-7 where the clause under test is defined.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

- M= Mandatory test case. The test is referencing a clause that is mandatory in IEC TS 62351-5 or IEC TS 60870-5-7.

Protocol Information Conformance Statement (PICS) x.x = Mandatory test case if the functionality is enabled in the PICS (by marking the applicable check box), with a reference to the section number of the PICS (x.x).

Conformance testing of security extension procedures

The security extension procedures can be summarized as follows:

- User management
- Update key maintenance
- Session key maintenance
- Challenge Reply authentication
- Aggressive Mode authentication

Extract from standard (IEC 62351-100-3)

IEC 62351-3 defines the requirements related to the authentication/encryption protocol, procedures and methods to be implemented at TCP/IP (transport) level.

The conformance test cases are divided into three clauses:

- Clause 5: Verification of configuration parameters. This clause contains the parameters specified by the standards referencing IEC 62351-3 (see IEC 62351-3-2014-AMD1-2018, Clause 7) and affecting the protocol behaviour.
- Clause 6: Verification of IEC 62351-3 requirements. The goal of this clause is to verify that DUT is conformant to the requirements of the IEC 62351-3.
- Clause 7: Test result chart. This clause contains the results of the test cases listed in Clause 6 for each supported value of the configuration parameters listed in Clause 5.

The test cases are organized in tables. They are numbered, their numbering syntax is: Subclause number (where the table is located) + test case number.

In the column 'Reference' each test case has a direct reference to IEC 62351-3 where the clause under test is defined. PICS or Protocol Implementation eXtra Information for Testing (PIXIT) could be found in the "Reference" column for some test cases whenever the execution of the test case shall take into account specific parameter values declared in the PICS or PIXIT of the DUT.

Test cases are mandatory depending on the description in the column 'Required'. The following situations are possible:

M = Mandatory test case. The test is referencing to a clause that is mandatory in IEC 62351-3

PICS

or

PIXIT = Mandatory test case if the functionality is enabled in the PICS or PIXIT by marking the applicable check box or declaring the applicable value.

Intelligent Electronic Devices (IEDs) (Sl. No. 2 of Table – A of Annexure – 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

Reference standards

IEC 61850 series

Specifically IEC 61850-5, IEC 61850-6, IEC 61850-7, IEC 61850-8, IEC 61850-9 and IEC 61850-10.

Test cases

Communication protocol conformance as per IEC 61850-10. This part of standard defines methods and abstract test cases for conformance testing of client, server and sampled values devices used in power utility automation systems, the methods and abstract test cases for conformance testing of engineering tools used in power utility automation systems, and the metrics to be measured within devices according to the requirements defined in IEC 61850-5. Further this part of standard specifies standard techniques for testing of conformance of client, server and sampled value devices and engineering tools, as well as specific measurement techniques to be applied when declaring performance parameters. The use of these techniques will enhance the ability of the system integrator to integrate IEDs easily, operate IEDs correctly, and support the applications as intended.

Smart Meters (Sl. No. 3 of Table – A of Annexure – 1)

Utilities / manufacturers will submit the sample along with all the required technical documentation for taking up testing to the designated laboratory.

IEC 62056 series of standards (Electricity metering data exchange – The DLMS/COSEM suite) specifies details of communication protocol requirements, conformance testing and security requirements. The Part 5-3 (DLMS/COSEM application layer) specifies the DLMS/COSEM application layer in terms of structure, services and protocols for DLMS/COSEM clients and servers, and defines rules to specify the DLMS/COSEM communication profiles. It defines services for establishing and releasing application associations, and data communication services for accessing the methods and attributes of COSEM interface objects, defined in IEC 62056-6-2 using either logical name (LN) or short name (SN) referencing.

Clause 5 and sub clauses specifies security requirements. It cover security concepts, Identification and authentication, Cryptographic algorithms, Cryptographic keys – overview, Key used with symmetric key algorithms, Keys used with public key algorithms and Applying cryptographic protection.

Note: All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.

Testing Criteria

1) Supply from Trusted Sources

The sample size shall be as specified by CEA as per the approved criteria for Trusted Vendors.

2) Supply from other than trusted vendors

The sample size shall be shall be 5% of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated laboratory for communication and cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

3) Supply from prior reference countries

The utility shall obtain prior permission from the Government of India for importing the product / system from prior reference countries.

The sample size shall be shall be 10 % of the supply lot / ordered quantity (minimum one). The manufacturer shall submit request to the Nodal agency along with vendor's / manufacturer's certifications for supply chain management system practices and secure product development process implementations based on any one or more of standards ISO / IEC 27036, ISO / IEC 20243, IEC 62443 for verification.

After scrutiny of vendor's / manufacturer's certifications the supplier / utilities shall be asked to submit product to the designated Government / Government controlled Autonomous laboratory for type tests (Annexure – 4) and communication & cyber security conformance testing.

The supply lot shall stand rejected on failure to comply with the test requirements.

Type Tests

Products imported from prior reference countries shall also undergo type testing as per following standards in addition to communication protocol and security conformance testing at the designated Government / Government controlled Autonomous laboratory:

Type test standards for RTUs

1. IEC 60870-1-2:1989 Telecontrol equipment and systems. Part 1: General considerations. Section Two: Guide for specifications.
2. IEC 60870-2-1:1995 Telecontrol equipment and systems - Part 2: Operating conditions - Section 1: Power supply and electromagnetic compatibility.
3. IEC 60870-2-2:1996 Telecontrol equipment and systems - Part 2: Operating conditions -Section 2: Environmental conditions (climatic, mechanical and other non-electrical influences)
4. IEC 60870-3:1989 Telecontrol equipment and systems. Part 3: Interfaces (electrical characteristics)

Type test standard for IEDs / Numerical Protection Relays / Bay controls units

1. IEC 61850-3: 2013, Ed. 2 Communication networks and systems for power utility automation – Part 3: General requirements.

Type test standards for Smart meters

1. IS 16444: 2015 AC static direct connected without smart meter class 1 and 2 – Specification.
2. IS 16444 Part 2: 2017 AC static transformer operated without and var - Hour smart meters, class 0.2 S, 0.5 S and 1.0 S: Part 2 specification transformer operated smart meters.

Note:

1. All above referred standards shall be latest with amendments if any at the time of submission of sample(s) for testing.
2. Type tests generally covers functionality, environmental, mechanical, EMI/ EMC and electrical safety related tests.

Justification for Additional Capitalization of “240 TPD Non-Thermal Forward Osmosis Plant” at NTPC Mauda Stage-I

- It is submitted that as per Consent to Operate (CTO) for the instant Station granted by the Maharashtra Pollution Control Board, Schedule-I (Terms & conditions for compliance of Water Pollution Control), clause 1(D) and clause 2(C) provide that the treated effluent and treated sewage, respectively, shall be recycled for secondary purposes to the maximum extent. A copy of the said CTO dated 09.11.2020 valid for the period up to 31.08.2023 is attached underneath.
- Further, It is submitted that Water is a State subject. Government of Maharashtra in 2019 revised its Water Policy for addressing certain State-specific concerns and challenges and issued MAHARASHTRA STATE WATER POLICY, 2019. As per Clause 2 of the same, the Policy applies to all the line departments, semi-government agencies of the State Government related to water, local bodies, bulk water users (domestic, Industrial/commercial and others) and the citizens of the State. NTPC Mauda Plant being bulk water user under Industrial category comes under the purview of the said policy. **Clause 9.3, relating to Industrial Water Management, inter alia provides that:**

“..... (i) All Industrial units must endeavour to reduce their water footprint over the time by optimizing the various industrial processes, modifying the equipment, recycling wastewater and creating awareness amongst their workers. Accordingly, Industries shall be encouraged to recycle and reuse water and follow the policy of ‘Zero effluent’ in the final stage.

(iii) Priority will be given to agro-based industries in water deficit sub basins.

(iv) With an objective to reduce the burden on fresh water resource, the State will promote the use of recycled water for cooling purposes. In the first phase, all thermal power plants within radius of 50 km from urban STPs must be switched over to use treated effluent of STP.

.....”

Also, clause 9.4.2 provides that in order to reduce burden on fresh water, the State will promote use of treated and recycled water for TPS.

A copy of the said MAHARASHTRA STATE WATER POLICY, 2019 is attached underneath.

- It is pertinent to note that National Tariff Policy 2016 of the Govt. of India lays emphasis on use of treated sewage water by thermal power plants. Clause 6.2 (5) of the said policy provides that:
“The thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of Municipality/local bodies/similar organization shall in the

order of their closeness to the sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as a pass through in the tariff. Such thermal plants may also ensure back-up source of water to meet their requirement in the event of shortage of supply by the sewage treatment plant....."

A copy of the said National Tariff Policy 2016 is **attached underneath**.

- In view of the various statutory provisions as mentioned above, which need to be complied by the instant Station, **the Petitioner has installed 240 Tons per day capacity of Non-Thermal Forward Osmosis (NT-FO) Plant** for tertiary treatment of treated Sewage Treatment Plant (STP) water and CW blowdown water so as to use the recycled water in Plant processes.

Salient features and advantages of the said NT-FO Plant installed at the Instant Station are as follows:

Salient Details:

- Input Capacity of plant: 266 TPD. Guaranteed Permeate Water: 240 TPD
- Reject water (26 TPD) directly goes into neutralisation pit of DM plant

Technology:

- Forward osmosis is a spontaneous movement (without pressure) of feed/STP water across a semipermeable membrane (FO-Membrane) leaving all impurity behind in reject water (<10%).
- Process is driven by differential concentration gradient using concentrated draw solution (MgCl₂).
- Pure water molecules (permeate water, >90%) are recovered from draw solution recovery system using Nano filtration and leaving concentrated draw solution which again goes into cycle.

System description:

The said NT-FO Plant consists of following major systems:

- Pre-Treatment cum Filtration System: Cartridge filter, ACF filter, Ozonation, Pumps etc
- Forward Osmosis (FO) System: FO membrane module, Draw solution, Feed pumps etc
- Recovery System: Membrane based recovery module, Feed pumps etc
- In FO technology, input water is first passed through FO membrane system where water is separated using osmotic pressure gradient arising across input water and

concentrated 'draw solution'. This process occurs without application of external pressure i.e without usage of pumps. Thereafter, the diluted 'draw solution' is passed through 'membrane recovery system' where high quality permeate is obtained. Hence diluted 'draw solution' is converted to concentrated 'draw solution' which flows in the closed loop.

Sallent benefits:

- o In FO process water recovery rate is up to 95% compare to Reverse Osmosis where maximum recovery is upto 70%. Therefore, this technology is better suited for water efficient operations.
 - o The configuration of FO system can handle 2nd group compounds. Therefore, apart from STP water and CW blowdown, FGD effluent can also be handled which is extremely difficult to achieve in any other competing system.
 - o The FO membrane can handle high TDS level up to 2,00,000 ppm while RO membrane 3-4, have limited capacity to handle TDS UPTO 70,000 ppm only
 - o Operating pressure in FO system is substantially less (< 8 bar) compared to traditional RO (60-70 bar).
 - o Substantially low auxillary power consumption due to low operating pressure.
 - o Substantially high membrane life (8-10 years) compared to RO (4-6 years).
- In view of the aforesaid, Hon'ble Commission may be pleased to allow the additional capitalization of NT-FO Plant as claimed in the instant truing-up petition.



Maharashtra Pollution Control Board

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
 Fax: 24023516
 Website: <http://mpcb.gov.in>
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Kalpataru Point, 2nd and
 4th floor, Opp. Cine Planet
 Cinema, Near Sion Circle,
 Sion (E), Mumbai-400022

RED/L.S.I (R48)

No:- Format1.0/CAC/UAN No.0000094818/CR - 2011000428

Date: 09/11/2020

To,
 Mouda Super Thermal Power Project, NTPC Limited,
 (Coal based Thermal Power Plant)
 (Stage-I-Unit 1 & 2) (2 x 500 MW) & (Stage-II-Unit-3 & 4) (2 x 660 MW)
 Mouda-Kumbhari, Tal-Mouda, Dist-Nagpur.

Sub: Renewal of consent with amalgamation for Stage-I (Unit 1 & 2)
 2x500 MW and Stage-II (Unit-3 &4) 2x660 MW with increase in CI
 under RED Category.

- Ref:**
1. Earlier consent granted by Board for Stage-I (Unit 1 & 2) 2x500 MW vide No.BQ/CAC-Cell/UAN No.00000955306 & 0000030154-18/CAC-1803000676 dated 14.03.2018 valid up to 31.08.2020.
 2. Earlier consent granted by Board for Stage-II (Unit-3 &4) 2x660 MW vide No. BQ/CAC-Cell/UAN No.0000049970-18/CAC-1810000780 dated 16.10.2018 valid up to 31.08.2020.
 3. The Minutes of Consent Appraisal Committee Meeting held on 07/09/2020 & 11/09/2020

Your application No.MPCB-CONSENT-0000094818 Dated 16.07.2020

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1961 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent to renewal is granted for a period up to 31/08/2023
2. The capital investment of the project is Rs.14844.19 Crs. (As per C.A Certificate submitted by industry Existing CI is Rs. 13922.68 Cr + Increase in C.I. - Rs. 921.51 Cr =Total CI- Rs. 14844.19 Cr)
3. Consent is valid for the manufacture of:

Sr No.	Product	Maximum Quantity	UOM
Products			
1	Electricity Generation (Stage-I-Unit 1 & 2) (2 x 500 MW) & (Stage-II-Unit-3 & 4) (2 x 660 MW)	2320	MW

Signature



4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	40320	As per Schedule-I	Recycle/reused 100 % for Cooling tower, Dust suppression and Ash handling plant etc.
2.	Domestic effluent	382	As per Schedule-I	Recycle/reused 100 % for Cooling tower, Dust suppression and Ash handling plant etc.

5. Conditions under Air (P&CP) Act, 1981 for air emissions:

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Biflue Stack-1	BOILER 1	01	As per Schedule -II
2	Biflue Stack-1	BOILER 2	01	As per Schedule -II
3	Biflue Stack-2	BOILER 3	01	As per Schedule -II
4	Biflue Stack-2	BOILER 4	01	As per Schedule -II
5	DG Set-Stack-I	DG Sets (3x1250 KVA)	01	As per Schedule -II
6	DG Set-Stack-II	DG Sets (3x1500 KVA)	01	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	FLY ASH	10431	MT/Day	Recycle	Shall be sent to Cement Manufacturing Plant, Brick Manufacturing Plant and dispose as per MoEF-CC, Govt Notification No. SO-763(E) dated 14.09.1999 and as amended time to time thereof
2	BOTTOM ASH	2608	MT/Day	Recycle	As above

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	45	KL/A	Recycle	Send to authorised recycler/re-processor
2	5.2 Wastes or residues containing oil	2.0	MT/A	Incineration	CHWTSDF
3	33.1 Empty barrels/containers/drums contaminated with hazardous chemicals/wastes	2.0	MT/A	Recycle	Send to authorised recycler/re-processor
4	36.2 Spent carbon or filter medium	5.0	MT/A	Landfill	CHWTSDF

(Signature)



Maharashtra Pollution Control Board

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Sr No	Category No/ Type	Quantity	DoM	Treatment	Disposal
5	35.2 Spent ion exchange resin containing toxic metals	15	MT/A	Landfill	CHWT/SDF
6	34.3 Chemical sludge from waste water treatment	70	MT/A	Landfill	CHWT/SDF
7	Insulation Mineral glass wool	50	MT/A	Incineration	CHWT/SDF

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. The industry shall comply with the conditions of the Environmental Clearance granted by MoEF-CC, Govt vide letter No. J-13012/130/2007-IA.II(T) (Unit-1 &2) dated 25.01.2008 and J-13012/65/2009-IA.II(T) (Unit-3&4) dated 30.12.2010.
11. The industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
12. As per the interim direction dated 05.09.2019 issued by Board the time limit for construction of coal mill reject storage yard along with ETP extended up to 28.02.2021.
13. The industry shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	89065140.00	MPCB-DR-1033	25/07/2020	NEFT
2	1969020.00	MPCB-DR-2141	30/09/2020	NEFT

Copy to:

1. Regional Officer, MPCB, Nagpur and Sub-Regional Officer, MPCB, Nagpur II
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to forfeit the bank guarantee of Rs.25/- Lakh towards non compliance of consent conditions and JVS exceedance (AAQM) & obtain top up of double amount of BG of Rs. 50/- Lakh from the industry
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CAC desk-for record and website updating purpose.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A) As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 14400 m³/day.
- B) The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
For Condenser Cooling Water		
(1)	pH	Between 6.5 to 8.5
(2)	Temperature	Not to exceed 5°C than that of intake water temp.
(3)	Free available chlorine	Not to exceed 0.5 mg/l
Boiler Blow Down		
(1)	Suspended Solids	Not to exceed 100 mg/l
(2)	Oil & Grease	Not to exceed 10 mg/l
(3)	Copper (Total)	Not to exceed 1 mg/l
(4)	Iron (Total)	Not to exceed 1 mg/l
Cooling Tower Blow Down		
(1)	Free available chlorine	Not to exceed 0.5 mg/l
(2)	Zinc	Not to exceed 1 mg/l
(3)	Chromium (Total)	Not to exceed 0.2 mg/l
(4)	Phosphate	Not to exceed 5 mg/l
D.M. Plant Effluent		
(1)	pH	5.5 to 9
(2)	Suspended Solids	Not to exceed 100 mg/l
(3)	Oil & Grease	Not to exceed 10 mg/l
(4)	BOD 3 days	Not to exceed 30 mg/l
(5)	COD	Not to exceed 250 mg/l
(6)	TDS	Not to exceed 2100 mg/l

- C) The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D) The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way to outside factory premises.

Signature



2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 1350 CMD for the treatment of 382 CMD of sewage.
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards,

Sr.No	Parameters	Standards	
1	Suspended Solids	Not to exceed	50 mg/l
2	BOD 3 days 27°C	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way to outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine-pits or boiler feed	164040.00
2.	Domestic purpose	480.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.
7. The industry shall take suitable steps for improvement and to reduce specific water consumption of 3.5 m³/MWh (for existing Power Plant established before 31.12.2016) and 2.5 m³/MWh (for New Power Plant established after 1st Jan 2017) as per MoEF&CC notification dtd. 7th Dec 2015 and as amended 28th June, 2018.

Adigant



SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	5%	SO ₂ (kg/day)
Biflue Stack-1	BOILER 1	ESP	275	COAL	8301 MT/Day	0.50	830100.00
Biflue Stack-1	BOILER 2	ESP	275	COAL	8301 MT/Day	0.50	830100.00
Biflue Stack-2	BOILER 3	ESP	275	COAL	10930 MT/Day	0.50	1093000.00
Biflue Stack-2	BOILER 4	ESP	275	COAL	10930 MT/Day	0.50	1093000.00
For Boiler Light up	—	—	—	LDO	7500 KL/A	1.80	690.00
DG sets (Standby)	5T-I DG set (3 X1250 KVA)	Acoustic Enclosures	30	HSD	18 KL/D	1.00	360.00
DG sets (Standby)	5T-II-DG set (3 X1500 KVA)	Acoustic Enclosures	30	HSD	21.6 KL/D	1.00	432.00

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Parameters	Standards	
Total Particulate Matter	Not to exceed	50 mg/ Nm ³ (For Unit No.1, 2 & 3) and 30 mg/ Nm ³ (For Unit No.4)
Sulphur Dioxide(SO ₂)	Not to exceed	200 mg/ Nm ³ (For Unit No.1, 2 & 3) and 100 mg/ Nm ³ (For Unit No.4)
Oxides of Nitrogen(NO _x)	Not to exceed	300 mg/ Nm ³ (For Unit No.1, 2 & 3) and 100 mg/ Nm ³ (For Unit No.4)
Mercury	Not to exceed	0.03 mg/ Nm ³

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

(Signature)



6. The applicant shall operate four continuous automatic ambient air and micrometeorological monitoring station at location indicated by MPC Board to be setup and operate at its own cost for measurement of SO₂, NO_x and particulate matter. These CAAQMS shall also have necessary provisions of networking to the Air Quality Monitoring network of MPCB.
7. Control Equipment.
 - a) Electrostatic Precipitator (ESP) of sufficient capacity shall be provided to Boiler and any other sources of particulate matter and it shall be Operate and maintain so as to ensure that TPM emission as mentioned above.
 - b) Dust collecting system and automatic water sprinkler system provided to Coal Handling Plants shall be operate and maintain continuously.
 - c) Dust collector of sufficient capacity provided to coal crusher and any other source of SPM shall operate and maintain continuously.
 - d) There shall not be any fugitive emission from coal storage yard.
 - e) The industry shall make necessary provisions for installing FGD with 90% efficiency in its design and layout of sufficient floor space so that it can be installed in future, as & when directed by Board.
8. The industry shall promote adoption of clean coal (with ash content less than 34%) and clean power generation technologies and comply with notifications issued by MoEF for utilization of fly ash from coal or lignite based thermal power plant dated 14th September, 1999 and as amended on 3rd November, 2009 & amendment dtd 2nd January 2014.
9. The industry shall comply with the recommendations of the task force for implementation of CREP recommendation for Thermal Power Plants.
10. The sulphur and ash content in the coal to be used in the project shall not exceed 0.5% and 34% respectively.
11. The industry shall comply MoEF office memorandum dated 26.08.2015 by protocol for sampling, analysis of coal and reporting of compliance in respect of implementation of the Gazette Notification on use & supply of raw or blended of beneficiated coal with ash content not exceeding 34% on quarterly average basis.
12. The industry shall comply the standards stipulated by the Ministry of Environment, Forest and Climate Change vide Notification dtd 07.12.2015.
13. The industry shall install Flue Gas De-Sulphurisation (FGD) System as per CPCB direction.
14. The industry shall ensure provision of low NO_x burners, Over Fire Air (OFA) and achieve progressive reduction to comply NO_x emission limit.
15. The industry shall comply with the Fly Ash Notification, 2016 and as amended thereof to achieve 100% utilization of Fly Ash. PP shall dispose legacy pond ash regularly and submit concrete program in this regard within a month.
16. The industry shall submit the upgradation proposal for air pollution control system provided to control the fugitive dust emission at various sources within one month and complete the upgradation of APCs for fugitive dust emission at various sources within six month.

Rangana



Maharashtra Pollution Control Board
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SCHEDULE-III
Details of Bank Guarantees:

Sr. No	Consent (CZ/CO/CZR)	Amnt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	CZR	Rs. 25 Lakh	15 days	Towards Operation and Maintenance of Air Pollution Control Devices to achieve emission standards.	Continuous	31.12.2023
2	CZR	Rs. 25 Lakh	15 days	To install Flue Gas DeSulphurisation (FGD) System as per CPCB direction	31.03.2021	31.12.2023
3	CZR	Rs. 2 Lakh	15 days	Towards installation of low NOx burners providing Over fire Air (OFA) and achieve progressive reduction to comply NOx emission limit	31.03.2021	31.12.2023
4	CZR	Rs. 5 Lakh	15 days	To switch over to 100 % usable dry fly ash collection and storage	3 months	31.12.2023
5	CZR	Rs. 1 Lakh	15 days	Towards utilization of 100% fly ash as per fly ash notification 1999	Continuous	31.12.2023
6	CZR	Rs. 1 Lakh	15 days	Towards Mitigation of seepages from wet fly ash conveying system	3 months	31.12.2023
7	CZR	Rs. 1 Lakh	15 days	Towards Scientific operation of ash pond i.e. uniform distribution of wet slurry in the pond so as to have minimum depth of water	Continuous	31.12.2023
8	CZR	Rs. 1 Lakh	15 days	Towards providing arrangement for reuse of 100% seepage water, arising from ash pond, for ash slurry	3 months	31.12.2023
9	CZR	Rs. 5 Lakh	15 days	Towards Scientific closure of abandoned ash pond with soil cover and plantation over it	6 months	31.12.2023

Rangana



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Sr. No.	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
10	C2R	Rs. 5 Lakh	15 days	Towards Operation & maintenance of the Effluent Treatment Plant to achieve disposal standards	Continuous	31.12.2023
11	C2R	Rs. 5 Lakh	15 days	To reduce specific water consumption as per MoEF&CC notification dt. 7th Dec 2015 and as amended 28th June, 2018	Continuous	31.12.2023

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG Imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG Imposed	Purpose of BG	Amount of BG Returned
NA				

Adugans



SCHEDULE-IV
General Conditions:

1. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
2. The applicant shall maintain good housekeeping.
3. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed off scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
4. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
5. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
6. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
7. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
8. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PC-I dated. 18.11.2009 as amended.
9. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
10. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.



Maharashtra Pollution Control Board

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11. The PP shall provide personal protection equipment as per norms of Factory Act
12. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
13. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
14. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
15. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
16. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
17. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
18. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
19. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
20. The industry should not cause any nuisance in surrounding area.
21. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
22. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
23. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to and for use of the Board's Staff. The chimney/(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
24. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.



Maharashtra Pollution Control Board
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25. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
26. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
27. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent, or in connection with the grant of any consent conditions.
28. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
29. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
30. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
31. The Energy source for lighting purpose shall preferably be LED based.
32. The PF shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant.
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

Amrutesh



सत्यमेव जयते

Government of Maharashtra

Maharashtra State Water Policy

Water Resources Department

(2019)

(Govt. Resolution No- Water policy-2019/C.R.21/17/WR(P), dated-05th September 2019)

MAHARASHTRA STATE WATER POLICY 2019

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MAHARASHTRA STATE WATER POLICY, 2019

1. PREAMBLE:

Per capita water availability is decreasing due to ever increasing population. Also, due to rising food demands, rapid industrialization and urbanization the stress on water management is increasing. As an effect water management has emerged as one of the 21st century's grand challenges.

In September 2015, the United Nations 193 member states including India, committed to the 17 Sustainable Development Goals (SDGs) to be achieved over the next 15 years. SDG-6, "ensuring clean water and sanitation for all" has placed "water" firmly on the global agenda. Without water, the other development goals - such as ensuring healthy lives, ending hunger, boosting economic growth and others - will not be achieved. Further, SDG - 12 - "Ensure sustainable consumption and production patterns" and SDG - 15 - "Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt degradation and halt biodiversity loss," also are equally relevant. Thus, to achieve the targets set forth in the SDGs, it is of utmost importance to effectively develop and manage the water resources.

The distribution of water resources is uneven over a large part of the State. A large area is, therefore, water deficit whereas a small part is bestowed with abundance in water. Large part of the State has already become water stressed. With the threat of climate changes the situation is likely to deteriorate.

Water being a State subject, State of Maharashtra had framed its Water Policy in 2003 which was subsequently revised in May 2011. Since adaptation of this policy, significant positive changes have occurred in the water scenario of the State. However, some of the issues and challenges faced in the state water sector still continue and require policy reforms.

Government of India (GoI) has also revised its earlier policy and released the National Water Policy in 2012. GoI vide provisions of clause 16.2 of the National Water Policy, expresses the intent that the states may revise and align their respective state Water Policy in accordance with the National Water Policy, keeping in mind the basic concerns, principles and also a unified national perspective.

With this background, the State has again revised its Water Policy in accordance with the National Water Policy for addressing certain State-specific concerns and challenges.

2. SCOPE OF THE POLICY:

This Policy applies to all the line departments, semi-government agencies of the State Government related to water, local bodies, bulk water users (domestic, industrial/commercial and others) and the citizens of the State.

3. OVERVIEW OF THE STATE:

Maharashtra occupies the Western and Central parts of India and has a long coastline of about 720 km along the Arabian Sea. With population of 112.4 million, as per population Census 2011 and geographical area of 0.308 million sq. km, Maharashtra is ranked 2nd by population and 3rd in terms of area. Maharashtra is highly urbanized with 45.2 % population residing in urban area.

The State enjoys tropical monsoon climate and is semi-arid. There exists an extreme spatial and temporal variation in the rainfall pattern in the State. The average annual rainfall in the State ranges from 400 to 6000 mm. The State witness frequent drought conditions. Almost, 42.5 % area of the State is drought prone. Gross cropped area in the State is 22.9 million ha (2015-16), net sown area is 17.19 million ha and area sown more than once is 5.929 million ha. Half of the State's population is dependent upon agriculture for their livelihood.

4. WATER RESOURCES OF THE STATE:

The area of the State is covered under five major river basins namely Godavari, Krishna, Tapi, Narmada and West flowing river basins. Also, a very small area of North-Eastern part of the State comes under the Mahanadi basin. The estimated average annual availability of water resources of the State is 198 Billion cubic metres (BCM) which consists of 164 BCM of surface water and 34 BCM of groundwater. The storage capacity created through State Sector water resources projects is 42.85 BCM as of June 2017.

Except the West flowing rivers, Maharashtra shares remaining four river basins with the neighbouring states. Various inter-state river water disputes, tribunal awards /agreements and decisions on water sharing have limited the use of surface water resources of the State to about 126 BCM, of which 69 BCM (55%) contribution is alone of west flowing river basins. The Cultivable area of this region is very limited (10.6 %), comprising narrow strip of 50 km between Sahyadri ranges and Arabian Sea. Hence, there is a limitation on local use of entire available water. The entire water available in basins of West flowing rivers can neither be used locally nor can be transferred economically to other basins as the rest of the basins are separated by high altitude ridge (+610 m). On the other hand, remaining four river basins having 89.4% of the cultivable area has only 45% of the water resources. Due to these constraints, about 42.50% area of the State lies in deficit or highly deficit sub-basins. The State is experiencing water shortage and recurrent droughts.

The State is divided into 1531 elementary watersheds considering river basin and sub-basin boundaries as the base. Watershed wise groundwater assessment was done in 2013-14 and it revealed that net groundwater availability is 31.48 BCM and annual draft is about 17.07 BCM.

5. WATER RESOURCES DEVELOPMENT AND RELATED REFORMS IN THE STATE:

Since independence and in particular after formation of the State in 1960, significant investments have been made in water sector which has resulted in:

- I. Increase in irrigation potential (surface water) from 2.74 lakh ha to 68.37 lakh ha (State Sector: 50.36 lakh ha, Local Sector: 18.01 lakh ha) by June 2017. The actual utilisation of potential created through State Sector projects in 2017-18 is 39.50 lakh ha.
- II. Effective management of the drinking water supplies to majority of the cities and towns as well as augmented supplies in the rural areas.
- III. Achieving accelerated industrial growth.
- IV. Increasing hydropower capacity from 290 MW to 3684 MW up to March 2019.

The State has also achieved following milestones in water governance;

- I. Water Users' Association (WUAs) have been empowered under Maharashtra Management of Irrigation Systems by Farmers (MMISF) Act, 2005 and its Rules. WUAs formed till September 2017 are 5326.
- II. To regulate the water resources within the State, the Maharashtra Water Resources Regulatory Authority (MWRRA) has been established under section 3 of the MWRRA Act.
- III. To regulate and facilitate sustainable, equitable and adequate supply of groundwater within the State, the Maharashtra Groundwater (Development and Management) Act, 2009 has been enacted, which empowers MWRRA to regulate groundwater resources of the State also.
- IV. For auditing the bulk water use the State has established a separate office at Aurangabad viz. Chief Auditor, Water & Irrigation, Maharashtra State.
- V. The State has received first prize in Best State Award category, in 2018, for its excellent work in Water Management Sector.

6. CONCERNS AND CHALLENGES FACED BY THE STATE WATER SECTOR:

In spite of large investment and reforms in the water sector, the existing scenario of water resources and their management in the State has certain concerns and critical challenges, prominent amongst them are listed below:

6.1 Growing imbalance between demand and supply of water :

Rapid increase in demand of water due to population growth, urbanization and changing lifestyle has created a considerable gap in demand and supply. This has posed serious challenges to water security. Conflicts amongst inter-sectoral, inter-regional and the upstream and downstream water users in the basin are increasing. Access to safe water for drinking and other domestic needs still continues to be a challenge in the rural area of the State. The conjunctive use of surface water and groundwater is still not considered in urban areas.

6.2 Uncertainty in availability of water :

There is a wide temporal and spatial variation in the availability of water resources within the State which may increase substantially in future due to the impending Climate Change, causing deepening of water crisis and instances of water related disasters; i.e. floods, increased erosion and increased frequency of droughts etc.

6.3 Limitation to access to available water :

There are limitations for utilizing available water in Eastern Vidarbha due to difficulties in diversion of forest land, and in Konkan region due to topographical constraints.

6.4 Lack of assured access to allocated quota of water:

There is no assured access to the farmers for their allocated quota due to deferred maintenance of the water resources projects.

The delineation and handing over command areas to WUAs is very slow due to lack of funds for carrying out restoration & rehabilitation of the distribution system to design parameters.

6.5 Low operational efficiency:

Lack of proper maintenance of the created irrigation infrastructure results in low water use efficiency. To strike a balance in the investment on completion of the ongoing water resources projects and that on maintenance of the existing infrastructure through limited available resources is a challenge.

6.6 Significant gap between IPC & IPU:

Bridging the gap between Irrigation Potential Created (IPC) and Irrigation Potential Utilized (IPU).

6.7 Depleting groundwater resources:

Groundwater, though part of the hydrological cycle and a community resource, is still perceived as an individual property and is being exploited inequitably without any recharge obligations leading to its over-exploitation in several areas. Presently, seventy six watersheds have become over-exploited and four are rendered critical.

6.8 Losses in Urban Distribution Network:

Reducing the Non-Revenue Water (NRW) and Restricting domestic water use within the prescribed norms particularly in urban areas is a key issue which needs to be addressed on priority.

6.9 Deteriorating Water Quality:

Release of untreated effluent by the industries and urban local bodies is deteriorating water quality of both the surface water as well as the ground

water, causing reduction in availability of safe water, environmental and health hazards and damages to aquatic ecosystem.

6.10 Lack of accurate data base and trained human resources :

Adequate data base required for informed decision making is not available. Also, the trained personnel who can address the concerns and challenges in a scientific or technical manner with modern tools and techniques are not available in adequate numbers.

6.11 Encroachment in Natural water Bodies and Drainage channels:

Natural water bodies and drainage channels are being encroached upon and diverted for other purposes. Ground Water recharge zones are often blocked.

6.12 Achieving Ultimate Irrigation Potential:

Achieving ultimate irrigation potential of 126 Lakh ha. (56% cultivable areas) at the earliest, considering the present pace of growth in agricultural sector is essential.

7. APPROACH TOWARDS FORMULATION OF THIS POLICY:

In furtherance to the National Water Policy and in line with the best global practices, the State Government intends to ensure balanced and sustainable development, management of the water resources of the State by way of a holistic, inter-disciplinary approach, thereby addressing the various concerns and challenges faced by the State Water Sector.

7.1 Objectives of the State Water Policy:

The aim of the State Water Policy is to apprise all the line departments, local bodies, agencies working for the water sector, industries and all the water users of the State their rights, roles and responsibilities along with the planned strategies, expectations and directions of the State Government for achievement of specified objectives. These objectives are broadly:

- i. To ensure clean water and sanitation in the State.
- ii. Building resilience to water scarcity and drought.
- iii. Judicious and strategic sectoral allocation of water among different water use sectors.
- iv. Equitable distribution of water and assured access to allocated quota of water.
- v. Protection of ecosystems.
- vi. To protect and enhance water quality of surface as well as groundwater.
- vii. Increase in productivity and efficiency of water use.
- viii. To make systematic transition from the water resources development mode to an integrated water resources management mode, with appropriate reforms.

7.2 Water Policy Focus Areas:

- i. Engagement of stakeholders for inclusive water governance;
- ii. Strategic planning and prioritizing investments;
- iii. Continuous monitoring and updating the policies;
- iv. Demand Management;
- v. Improving Water Use Efficiency in all water use sectors;
- vi. Increasing quantity of usable water;
- vii. To adopt good governance through transparent informed decision making to achieve objectives of equity, social justice and sustainability.

STATE WATER POLICY

8. ENVISAGED STRATEGIES:

8.1 Stakeholders Engagements:

Ensure stakeholders' involvement for a long term sustainable change. Emphasis shall be given on consistent stakeholder engagements in building certain degree of consensus on change in the prevailing water use practices. Stakeholders' opinion shall be taken before taking major decisions. Views of water users, policy makers, experts in the field, non-governmental organisations shall be ensured in the decision making and reform process.

8.2 Sectoral Allocation:

Water allocation across different user groups e.g. domestic, agricultural, industry, eco-systems and other uses is an effective policy instrument to manage the water resources sustainably for increased resilience, economic prosperity and quality of life for the present as well as future generations. Properly structured allocation policy can boost the economy of the State.

Sectoral allocation of water shall be optimally structured with the following objectives:

- i) Meeting basic human needs.
- ii) Sustaining basin health (Eco System).
- iii) Maximizing the value of water.
- iv) Enhancing the water use efficiency.
- v) Achieving economic development of the State in sustainable manner.

Sectoral allocation need not be uniform throughout the State. It may vary project to project to cater for area specific requirements. The project specific sectoral allocations of available water resources shall be done by the competent authority as specified in the extant laws. Water allocation between different uses will be done to meet critical needs, sustain basin health and maximise the value of water. Following principles will be observed while deciding the sectoral allocation.

- (i) The State Government is committed to respect, protect and fulfill the formally recognised human right to drinking water and sanitation. The first priority and charge on water shall be to meet the basic safe water

- requirements of each human being, which include water for drinking, cooking, bathing, sanitation, personal hygiene, related personal or domestic uses and water required for domestic livestock;
- (ii) After meeting the prescribed norm-based basic safe water requirement of human being in the service jurisdiction of the project and subject to the sub-clause (ii), the importance to other water user categories in allocation will be in the following order:
 - a) Other Domestic Needs.
 - b) Agriculture and agro-based industries.
 - c) Industry, Thermal Power Generation, Hydro Power Generation.
 - d) Eco system.
 - e) Other uses such as water for cultural and religious ceremonies, recreation, amusement, sports etc.
 - (iii) The order of water use set out above may be modified in a particular project at the discretion of the competent authority, with reference to area specific considerations such as prevalent land use pattern, activities and means of livelihood, cultural and spiritual values of water to indigenous citizens etc.
 - (iv) RBA shall distribute the bulk water entitlements to various users within the project wise sectoral allocation as may be decided by the competent authority.
 - (v) In water deficit years, allocation criteria (deficit sharing percentage) for different uses shall be determined by the regulatory authority considering the views of the stakeholders.

8.3 Integrated State Water Plan (ISWP):

ISWP has been prepared to ensure balanced, sustainable development and management of the State's water resources (surface/sub-surface) with the effective inclusion and participation of representatives of all basin water user entities, various categories of water user, other stakeholders, various line departments. The integrated plan is developed to promote the balance development among the different regions/ basins, especially for minimizing regional imbalance. Water resources planning, development and management in the State will be guided by ISWP.

8.4 Water Resources Planning and Principles Thereof:

- I. The water resources of the State shall be used, conserved and managed to provide the maximum economic and social benefits for the people of the State and in a manner that minimizes regional imbalance and maintain important ecological values within river and adjoining lands. The water resources of the State must be planned, developed and managed with a

river basin and/or sub-basin as the unit, adopting a multi-sectoral and Integrated Water Resources Management (IWRM) approach. Integration in planning will be achieved between;

- (a) Soil moisture, direct precipitation, groundwater and surface water.

(b) Small water harvesting structures and conventional reservoirs.

- II. The availability of water resources and its use by various sectors in various basins in the State will have to be assessed scientifically and reviewed periodically, for instance every ten years. So also, the water planning of each major and medium project will be reviewed after ten years. Base year shall be taken as year of 1st impounding of water.
- III. The water resources projects must be planned by taking into consideration social and environmental aspects in addition to the techno-economic considerations and also considering the impact on the project affected and beneficiary families, local governing bodies. Projects and programs shall be planned and formulated taking into account full range of costs and benefits.
- IV. The water resources projects, including hydropower projects must be planned, to the extent feasible, as multi-purpose projects with provision of over the year storage (carry over storage) planning for adaptation to Climate Change. The anticipated increase in variability in availability of water because of climate change will have to be dealt by initiatives to increasing water availability in various forms, namely, soil moisture, ponds, groundwater, small, medium and major reservoirs and their combination.
- V. The planning of irrigation projects in water deficit and highly water deficit sub-basins must be done on eight-monthly basis.
- VI. No irrigation project shall be commenced unless all statutory clearances are obtained. Comprehensive investigation and detail project design shall be completed prior to commencement.
- VII. No project shall be commenced without ensuring adequate budgetary financial stream until its completion.
- VIII. The distribution system in the water resources projects, where technically feasible and economically viable, will preferably be through pipe network. Particularly in area having limited irrigation facilities projects with pipe distribution network and micro irrigation must be planned to spread the benefit of available water on a larger area. Lift Irrigation Schemes shall be promoted with micro irrigation system (drip & sprinkler) through pipe network distribution system with the participation of beneficiaries.
- IX. Untapped ground water potential shall be developed and used conjunctively with surface water.
- X. The command area development activity will be a part of the project planning and shall be executed through a multi-disciplinary approach.
- XI. As a part of project activity, baseline socio-economic, environmental and ecological surveys must be done in the project benefited area and also in adjoining influence area to assess the impact of water resources project.
- XII. Enhanced economic viability norms for the projects located in hilly areas and in saline track (*khar-pan-patta*) will be framed.

8.5. Sustainable Approach for Mitigating Demand-Supply Gap:

The State Government will adopt sustainable approach for mitigating existing demand-supply gap with following strategies:

8.5.1 Integrated Water Management:

Integrated management of surface water, groundwater and manufactured water (recycled/desalinated water) shall be promoted.

8.5.2 Demand Management and Water Use Efficiency

There is a mismatch between supply and demand. Considering limited scope for new storages, existing resources shall be used more effectively. State shall focus on demand side management and promoting the uptake of more efficient infrastructure technologies e.g. micro irrigation, water reuse and more efficient appliances etc.

Concerned line Departments shall prepare action plan in respect of strategies as defined in this policy along with measurable targets, resources required and the time lines for completion of the targets to State Water Board and State Water Council for approval. State Water Board/ Council shall periodically monitor its implementation.

8.5.3 Integrated Planning for Maximizing Utilisable Water:

The demand for water is increasing rapidly due to growing population, change in the life style, rapid urbanization and industrialization and economic development. Therefore, the availability of water needs to be augmented to meet the increasing demands of water. The strategies envisaged to achieve this are:

- (i) Rainwater harvesting and maximizing the direct use of rainfall.
- (ii) Maharashtra has a typical Geographical pattern with skewed distribution of rain fall resulting in limited availability of natural water resources. Nearly 42.5% of the Geographical area at the state is water stressed. There is need to supplement the fresh water sources by exploring options of reuse of treated waste water particularly in the urban area. Emphasis be laid on collection and treatment of all sewage using cost effective technological innovations and minimum 30 % of the recycled water shall be reused to reduce the fresh water demand in next 5 years. Comprehensive policy in this regard shall be framed by respective department.
- (iii) Inter-basin transfers (Diversion Schemes).
- (iv) Protecting and enhancing quality of surface and subsurface water resources.
- (v) Desalination.
- (vi) A system evolving benchmarks for water uses for different purposes: i.e water footprints and water auditing shall be strengthened to promote and incentivize efficient use of water. The 'project' and the 'basin' water use efficiencies need to be improved through

continuous water balance and water accounting studies.

- (vii) Water saving in irrigation use is of paramount importance. Methods like aligning cropping pattern with natural resource endowments, micro irrigation, automated irrigation operation, evaporation-transpiration reduction, etc. should be encouraged and incentivized. Recycling of canal seepage water through conjunctive groundwater use shall also be accounted.
- (viii) Agricultural irrigation water use will be kept in check by providing economic incentives to farmers.

8.5.4 Water Quality Management:

The quality of the water resources shall be protected to preserve their usability in sustainable manner for the peoples of the State. The State shall establish a programme, to control discharge of any pollutants to the surface and groundwater including the sea and saltwater marshes of the State. This programme shall also include the establishment of standards and acceptable limits for discharge of any pollutants into these waters. Urban water supply and sewage treatment scheme shall be integrated and executed simultaneously. Domestic water supply bills shall include sewerage treatment charges also.

The system of third party periodic inspection shall be introduced and stringent punitive actions be taken against the persons or entities responsible for pollution. Polluter pays principle shall be adopted as provided in the laws and regulations. Strong regulation to stop water polluting activities shall be initiated.

For the effective control over water pollution in all sectors, and also to monitor maximum recycling & reuse of water, an integrated approach is necessary by all the water stake-holders together. For this, a high-power Apex body need to be formed, under the leadership of Environmental Ministry of the state and with members from all the water users line departments.

8.5.5 Conservation of Water:

- (i) Water conservation consciousness will be promoted through public participation, training, education and awareness campaigns, incentives, and disincentives and penalties through regulation mechanism. Program on water literacy should be launched right from the primary school level so as to create awareness about the importance of conserving water and quality thereof.
- (ii) Conservation of rivers, river corridors, water bodies and infrastructure must be undertaken in a scientifically planned manner through community participation.
- (iii) In urban and industrial areas, the rainwater harvesting must be made mandatory by the relevant State agency.
- (iv) Measures to control evaporation from the water bodies shall be taken up in a cost-effective manner.

- (v) Tendency of wastage of water shall be monitored by monetary penalties/ reducing the entitlements.
- (vi) "Water Resources Conservation Fund" shall be created with the participation of Corporate sector, Industries and Urban local bodies. The funds thus raised shall be utilized for conservation of the all Natural Fresh Water and Water Bodies and overall Eco System in a sustainable manner.

8.5.6 Intra and Inter Basin Transfers:

Intra and inter-basin river water transfer from surplus Basins to deficit ones shall be undertaken on the basis of merits of each individual case after evaluating environmental, social and economic impacts and inter-state water sharing obligations.

8.5.7 Water Governance:

The State Government has recognized the need to have appropriate regulatory institutional and legal framework in the water sector. Necessary amendments shall be done in prevailing statutes with a view to ensure that there is a certainty in the role / responsibility / functions and powers of MWRA and other relevant in-line departments.

9. WATER USE

9.1 Domestic Water Management:

Adequate domestic water facilities shall be provided to the entire population both in urban and in rural areas including water required for animals. Disparity between norms for water supply in urban and rural areas will be removed gradually. Efforts should be made to provide improved water supply in urban and rural areas with proper sewerage facilities. Development of eco-friendly sanitation shall also be promoted. Multi-purpose projects shall invariably include a domestic water component wherever there is no alternative and adequate source of drinking water. Norms for permissible per capita consumption of water shall be different, in different basin / sub-basin depending upon the availability of water resources.

A perspective plan to meet rural domestic water requirements including water for animal shall be prepared and steps taken to provide adequate resources for this purpose in a phased manner. For new water supply schemes, drawing water from storage reservoirs and only through closed conduits shall be mandatory. The existing water supply schemes drawing water from canals or rivers as a source shall have to be converted to draw water from storage reservoirs with closed conduits in a phased

manner. Integrated use of other sources including groundwater shall also be explored.

In urban areas, the rainwater harvesting shall be made compulsory. Groundwater use plan shall be necessary document with the development plan of new townships. Assessment of groundwater shall be carried out in urban areas taking into consideration the quantity and quality of the water available, so as to plan for conjunctive use of surface water and

groundwater. In urban areas, the electronic meters shall be used to measure the water supplied to every consumer. A rolling programme shall be undertaken to prevent leakages and unauthorized withdrawals in all reticulated water supplies.

The community will be effectively involved in the planning and management of drinking water supply and sanitation facilities in the urban as well rural areas. The community level organization and appropriate local level bodies / community organizations shall manage, operate and maintain these services on day to day basis. –

Water Budgeting and Water Auditing. prompt compliance of recommendations and shortcomings pointed out in the audit report which will lead to water savings.

In water resource planning of the basin it is assumed that at least 80% of the water used for domestic purpose will be available for reuse. Therefore, it is the obligation of local bodies to make available, entire quantity of generated sewage, for reuse after treating it to the standards prescribed by the MPCB.

Considering limited availability of water to meet future requirement, a suitable legislation targeted towards water budgeting, water accounting, water rationing and punitive action in case of default, shall be mooted to regulate domestic water supply.

9.2 Agricultural Water Management:

Agriculture is the dominant water consuming sector in the State. Low water use efficiency and considerable gap between IPC and IPU are the major concerns in the agricultural water management.

As per Maharashtra Water & Irrigation Commission Report (1999), the ultimate irrigation potential of the State through surface and sub-surface water resource is 126 lakh ha. The cultivable area of the State is 225 lakh ha. Thus only 56% of the cultivable area can be brought under irrigation. Further, due to rapid urbanization more and more water is being diverted for catering the needs of domestic sector.

On this background, State Government shall strive to create enabling infrastructure to promote micro-irrigation. In remote areas micro irrigation with solar pumps will be promoted. Water intensive crops like sugarcane and banana will be brought under micro-irrigation in first phase. Also cropping pattern requiring less water shall be promoted.

Command Area Development and Water Management (CADWM) works along with correction of system deficiency in canal network will be implemented for providing assured supply of water to each farm / field in the command.

For improving water use efficiency in agricultural sector the State will focus on:

- (i) Conjunctive use of soil moisture, rainfall, groundwater, surface

- water and recycled water.
- (ii) Volumetrically measured supply of water.
- (iii) Pipe water distribution system, wherever it is technically feasible.
- (iv) Proper upkeep and maintenance of the existing water bodies and their distribution systems.
- (v) Expeditious implementation of Extension Rehabilitation & Modernization (ERM) of old schemes.
- (vi) Auditing and Benchmarking of the water resources projects.
- (vii) Optimal distribution of water and integration of water resources services with agriculture services to increase productivity, crop yields, cropping intensities and enhance the diversification of agriculture.

9.3 Industrial Water Management:

The strategies envisaged for industrial water management are:

- (i) All industrial units must endeavour to reduce their water footprint over the time by optimizing the various industrial processes, modifying the equipment, recycling wastewater and creating awareness amongst their workers. Accordingly, industries shall be encouraged to recycle and reuse water and follow the policy of 'Zero effluent' in the final stage.
- (ii) All industries (industrial bulk water having annual water consumption of 1 million m³ or more will be required to publish Annual Water Report, giving the account of annual water entitlement as per the Criteria determined by the MWRRA, gross annual water consumption, water use per unit of production, harvested rainwater used, water recycled and reused and fresh water used. The Annual Water Report shall also cover information regarding permissible effluent discharge and actual effluent discharge, its test reports etc. The Annual Water Report shall also set out the proposed plan of action including the methodology to reduce their net water footprint over the time with specific targets along with its achievements. Industries will submit their Annual Water Report to respective RBA and also to MWRRA and shall put the same in public domain.
- (iii) Priority will be given to agro-based industries in water deficit sub-basins.
- (iv) With an objective to reduce the burden on fresh water resource, the State will promote the use of recycled water for cooling purposes. In the first phase, all thermal power plants within radius of 50 km from urban STPs must be switched over to use treated effluent of STPs.
- (v) Water intensive industries will be permitted only in sub-basins having average annual water availability more than 3000 cubic metre per ha of Cultivable Command Area.
- (vi) Groundwater exploitation by the industries shall be regulated in over exploited and critical watersheds.

- (vii) Water bailed out from mines must be treated before releasing it into natural streams. MPCB authorities must monitor the quality of mine discharges. The water so bailed out from the mines will be used for providing irrigation benefits to nearby areas.

9.4 Water Policy regarding other uses :

9.4.1 Ecosystem:

Rivers, water bodies, aquifers and wet lands will be recognized as ecological systems and must be protected from over exploitation, depletion, pollution or contamination and degradation. Rivers will be protected from any form of construction on their flood plains and from excessive sand mining.

9.4.2 Thermal Power Generation:

In order to reduce burden on fresh water, the State will promote use of treated and recycled water for TPS.

9.4.3 Hydro Power Generation:

Installed capacity of hydropower stations in the State is 3684 MW. Theoretically, water used in hydropower generation is non-consumptive in nature, provided the hydro projects are planned as multipurpose projects. However, at present, the water which is being diverted westward for power generation, across Sahyadri ranges is not being fully utilised after power generation for other uses. Efforts will be made to optimize its use. The sites for conventional hydro projects in the State have already been exploited. Small /mini/micro hydro projects coupled with irrigation systems will be promoted wherever economically viable. The State has some attractive sites for Pumped Storage Schemes (PSS) which will be developed preferably on PPP model.

9.4.4 Pisciculture (Inland Fisheries):

Pisciculture is a non-consumptive use of water. Maharashtra has a good potential for Pisciculture, which will be developed in a planned manner to generate revenue as well as employment opportunities in rural areas.

9.4.5 Tourism:

Water based tourism is also a non-consumptive water use activity. It does not require specific water allocation. It has a very good employment and revenue potential. However, while developing

tourism, measures must be adopted to keep the water bodies clean, and pollution free.

9.4.6 Navigation:

Most of the rivers in the State are not perennial rivers, therefore the scope for year round water routes is limited. However, this aspect cannot be left out in water resource planning as it is the most convenient and

economical mode of transportation. Water links in tanks and reservoirs could be used for local transport and as tourism activity.

9.4.7 Aviation:

Water aviation will be promoted in the submergence of major and medium dams with due care as to preservation of water quality.

10. GROUNDWATER DEVELOPMENT AND MANAGEMENT STRATEGY:

Groundwater must be recognized as a common property of the society held in public trust, for the use of all, subjected to reasonable restrictions to protect all water and associated ecosystems. The State has already enacted Maharashtra Groundwater (Development and Management) Act, 2009 for regulation of development and management of its groundwater resource.

The strategies envisaged for groundwater management are:

- (i) Groundwater will be conserved, protected, regulated and managed in accordance with the extant laws.
- (ii) The regulation of groundwater shall be in consonance with the principles of non-discrimination and equality, the principle of subsidiary and the precautionary principle.
- (iii) Priority charge on groundwater shall be for drinking purpose.
- (iv) Adequate measures must be undertaken to ensure that present and future generations will have access to sufficient quantity and acceptable quality of groundwater.
- (v) Quality conservation and improvement for groundwater is very important. Since reversing of groundwater pollution is very difficult, State will take necessary efforts to reduce and prevent pollution and degradation of groundwater. It needs to be ensured that industrial effluent, residues of chemical fertilizers, local cesspool or soak pits do not infiltrate to the groundwater table.
- (vi) Based on the encouraging experiences from the pilot studies in the past, the participatory groundwater management will be up-scaled in the entire State.
- (vii) Groundwater entitlements will be given based on preceding year recharges. Necessary mechanism will be established to monitor monthly entitlements. Special initiatives will be taken for groundwater recharge with water of acceptable quality. It shall be obligatory for water users to adopt groundwater recharge measures to compensate for the water extracted by them.
- (viii) There will be a periodical preferably a biannual assessment of the groundwater potential on a scientific basis.
- (ix) Aquifer mapping studies will be undertaken to assess the groundwater dynamics and its occurrence.
- (x) Rain water harvesting and aquifer recharge projects will be taken up on priority.

11. DROUGHT MITIGATION:

The State has been facing recurring drought conditions due to uneven and unpredictable monsoon. Strategies identified for drought mitigation and management are:

- (i) The objective of drought mitigation measures must be to reduce soil erosion, augment soil moisture, retard drainage of rainwater and improve the efficiency of water use.
- (ii) Relief works undertaken for providing employment to drought stricken population will preferably be for drought proofing. Water resources development and management works will be given top priority.
- (iii) Drought mitigation program must be implemented with active participation of Panchayat Raj Institutions and NGOs.
- (iv) The State shall involve the corporate sector for undertaking drought mitigation activities as a part of their CSR activities.
- (v) 'Jalyukta Shivar Abhyan' program will be continued as a long term drought mitigation measure with adequate technical support and target of 5000 villages per year.
- (vi) Subsidy scheme named 'Magel Tyala-Shettale' shall be continued as a drought mitigation measure.
- (vii) 'Gal Mukta Dharan and Gal Yukta Shivar' program for restoring storage capacity of water bodies by de-silting and making adjoining barren land fertile will also be implemented with community participation and CSR convergence.
- (viii) Priority will be given to water resource projects in drought prone area.
- (ix) Micro-irrigation shall be promoted in drought prone areas.
- (x) Soil Water Conservation measures such as mulching, poly house, green house, hydro gel, etc. will be promoted.
- (xi) Less water intensive economic activities shall be promoted in water deficit and highly water deficit sub-basins.

12. WATERSHED DEVELOPMENT:

- (i) Integrated watershed development and management plan will be prepared for each watershed which will form the part of sub-basin / basin water plans of the State, and must be implemented through community participation.
- (ii) Watershed Development Program will be implemented on priority in an area devoid of conventional irrigation system owing to natural constraints to provide soil moisture security and to ensure minimum water needs of the people.
- (iii) Watershed Development & Management programs will be implemented with convergence of various central and state government schemes, with an objective to increase the productivity of rain-fed farming.
- (iv) Watershed development and management activities shall be carried

out from ridge-to-valley in a scientific manner. Typical watershed development program has several components. Appropriate components depending on topography (shape, configuration of slope of land), nature and depth of soil cover, types of rocks and their pattern of formation, water absorbing capacity of land, rainfall intensity and land use shall be selected. In the planning and implementation of watershed development works and related activities, the involvement of geologist must be made mandatory. Detailed geo-hydrological investigations will be carried out to ensure that the substrata are amenable to augment groundwater recharge.

- (v) The works undertaken under watershed development program will be geo-tagged for monitoring the progress of work. Performance evaluation of water conservation works done earlier will be subject to a periodic review by a third party, comprising of representatives from Agricultural Universities, WALMI and NGOs working in the water sector. Outcome of such evaluation shall be used for planning, designing and implementation of future schemes.
- (vi) Since watershed development works / schemes are carried out as a part of Government schemes through public money, entitlement right on the augmented recharge of groundwater will be treated as common right of beneficiaries in the watershed. Beneficiaries shall provide requisite undertaking setting out clearly that they would share the benefits reaped from the watershed development works. Such undertaking must be taken before selecting the watershed for development.

13. FLOOD MANAGEMENT:

Seven per cent of the geographical area in the State is flood prone. Flood mitigation and management strategies envisaged are:

- (i) While every effort will be made to avert flood related disasters through structural and non-structural measures, emphasis should be on disaster management as an option.
- (ii) Flood forecasting methods will be modernized using setting up of a real time data acquisition system and forecasting models.
- (iii) Frequency based flood inundation maps will be prepared to evolve flood management strategies and an emergency plan for mitigation of floods and management for each flood prone area. Habitation and economic activities shall be strictly prohibited in the flood plain zones (prohibitive zones –with 25 years return period flood) by the local authorities. The phase wise program can be implemented by concerned local authorities to remove existing encroachments.
- (iv) The State will develop Decision Support System (DSS) for flood forecasting in flood prone areas addressing state/site specific issues.
- (v) SMS-based flood alert system must be developed in flood prone areas.
- (vi) Emergency action plans/disaster management plans will be periodically reviewed and updated by involving people in flood

prone area. To increase preparedness for sudden and unexpected flood related disasters, dam break analysis must be carried out.

14. MAINTENANCE OF INFRASTRUCTURE:

The policy for maintenance of water infrastructure will be as follows:

- (i) The responsible authorities of WRD including Irrigation Development Corporations (IDCs), WUAs and other water user entities, will maintain the water resources infrastructure and facilities in their respective jurisdiction to continue to get the intended benefits.
- (ii) Annual maintenance plans must be prepared by the respective IDCs on the basis of Irrigation Status Report, Report of Dam Safety Organization and inspection reports of the officers.
- (iii) The State Government will undertake Maharashtra Water Sector Improvement Program, with focus on Activities related to Dam Safety of old dams and Restoration of old canals distribution systems required to be carried out as per the provisions mentioned in the MMSIF Act 2005 in the delineated command area of completed project before handing over the same to WUAs.
- (iv) Repairs-Rehabilitation-Restoration (R-R-R) of traditional water harvesting water bodies such as ex-Malguzari Talav, etc.

15. INSTITUTIONAL ARRANGEMENTS:

- (i) An autonomous centre for research on water policy shall be established. This centre will also evaluate impact of policy decisions and advise on policy matters with changing scenario.
- (ii) "Centre of excellence" in water sector will be opened with international collaborations to promote the soft skills, to learn from global best practices and disseminate the same after assessing its state specific suitability. Innovative ideas will be incubated at such centres before they are rolled out for wider use.
- (iii) E-modelling platform will be developed to support integrated planning, operation and management of the water resources in the basin with global support.
- (iv) Capacity building of existing research institutes functional in water sector will be done with necessary collaborations with national / international institutes.
- (v) Innovative ideas and programmes in water resources sector must be encouraged, recognized and awarded. (e.g. best performing WUA, best performing city in terms of recycling of its sewage, city having least NRW etc).
- (vi) Continuing research and advancement in technology will be promoted to address the issues in the water sector in a scientific manner. Adequate funding will be provided for R & D activities and also for updating the existing technology, design, planning and management practices. R&D Advisory Panel of internal external experts will be established for steering and monitoring research

activities and validating the same before role out.

- (vii) Key persons will be provided with sponsorships for higher studies / specialization and exposure through international cooperation activities.
- (viii) Collaboration with State educational institutes will be done to meet the changing need of the skilled manpower in the water sector.

16. MONITORING AND INFORMATION SYSTEM:

- (1) Reliable and appropriate data and information essential for effective management of water resources. A modern integrated monitoring networks for hydro-meteorological, water resources and water use data with information management system, shall be established on real time basis. This will sustain and support planning, project formulation and implementation, operations and decision making by the River Basin Agencies, all water users, water service providers and other agencies.
- (2) All State agencies, departments and all entities - public or private, that collect, maintain, collate or archive hydro-meteorological, related water resources and water use data shall contribute data to information system after ensuring its validity and accuracy. All such data shall be in public domain.
- (3) The State shall monitor and take appropriate measures through community involvement to address problems like unacceptable depletion or raising the groundwater level, salinity or similar problems arising out of prevailing water uses.
- (4) In view of change in water availability, change in cropping pattern and diversion of more water for non-irrigation purposes, the irrigation potential of the water resources projects completed before ten years shall be reviewed realistically.
- (5) All water user entities shall publish annual water accounts and water audit reports. Such reports shall contain all data relating to water quota, actual water use, pollution levels, losses, leakages, unauthorized withdrawals, recycle and reuse of water, including return flows, treated effluent water quantity, and per unit consumption-etc. All such reports shall be in public domain.
- (6) The Water Resources Department shall undertake the benchmarking exercise in all the projects in the State, in a phased manner, in such a way that all projects will be covered. The State shall publish annual

benchmarking report of water resources projects along with analysis and recommendations for improvement, every year by 22nd March i.e. World Water Day.

- (7) Water auditing shall be made mandatory for all Water Resources Projects. The service providers shall be accountable for providing measuring devices for volumetric supply and for giving the account of water use in various sectors. The cost of such meters shall be

recovered from the users in phased manner. The Water Resources Department shall publish annual water audit report of all water resources projects, along with analysis and recommendations for improvement, every year by 22nd March i.e. World Water Day.

- (8) The Water Resources Department shall collect and compile data for water storages, water use for various categories of use- irrigation potential developed and utilised, water charges levied and collected and all other such relevant data. The State shall publish annual irrigation status report every year by 15th September, i.e. Engineers' Day.
- (9) Remote sensing coupled with Geographic Information System (GIS) shall be used for sustainable management of Water Resources, covering all extensively spread water harvesting structures including irrigation projects. This will include information on runoff, flood management- mapping of flood plains, watershed management, management of irrigation in command area- for estimation of acreage of crop and production, silt accumulation in dam etc. This will facilitate availability of real time data in public domain leading to transparency.

17. WATER CHARGES:

Water pricing plays an important role in regulating the water use and ensuring the efficiency of water use. The State has already entrusted the responsibility of tariff determination to MWRRA. The Authority is further guided by following Principles in finalising tariff structure,

- a) The Authority shall function in a transparent and participatory manner, conducting public consultations & hearing before deciding upon the tariffs.
- b) Authority shall ensure the realisation of at least norm based recurring expenses on the water infrastructure initially, as well as cost reflective water pricing subsequently in a phased manner.
- c) The recurring expenses shall include operation and maintenance charges including electricity charges, spares, consumables, establishment and administrative charges, overheads and also the cost of special repairs (restoration and retrofitting of structures) including replacement cost of any component of the infrastructure (viz. control gates etc.), required to ensure sustainability of the system, water use efficiency, user access to avail water rights and equitable water distribution.
- d) In order to meet equity, efficiency and economic principles, the water charges, as a rule, shall be determined on volumetric basis.
- e) The pricing of water shall encourage its efficient use and reward conservation.
- f) Recycle and reuse of water after treatment of sewage water to specified standards be incentivised through a properly planned tariff system.

- g) The cross-subsidy among various users categories will be removed in a gradual manner.

Necessary amendments as may be necessary shall be carried out in the extant law to achieve above policy objectives.

18. PARTICIPATION OF THE PRIVATE SECTOR:

The participation of the private sector will be encouraged in the planning, development and management of water infrastructure projects to introduce new ideas, new technology, innovative financing, management expertise, improved quality and cost effectiveness of water services and accountability to water users. Private sector participation in development of pumped storage schemes, development / operation of large lift irrigation schemes, water treatment plants, water distribution systems, and wastewater treatment plants shall be promoted, wherever feasible. External funding at reasonable rate of interest shall also be promoted in water resources development and management.

19. IMPLEMENTATION AND MONITORING:

Various targets mandated by ISWP and the SDGs are to be achieved in time bound manner. The Respective Line Department shall prepare action plans to achieve these targets as well as for implementation of the strategies envisaged in the policy. These action plans shall be finalized by State Water Board and approved by State Water Council. State Water Board shall regularly monitor its implementation. State Water Council will review the progress periodically.

20. REVIEW OF THE POLICY:

The State Water Policy being a dynamic document would be periodically reviewed, as and when needed, to overcome the future water sector development and management challenges.

[Note :- In case of any discrepancy in english and marathi version of State Water Policy, the provisions in english version shall prevail.]



भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग 1—खण्ड 1

PART I—Section 1

प्रधिकार से प्रकाशित

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दैनिक नीति

सं. 23/2/2005-आर एंड आर (संड-IX)-1.0 प्रस्तावना

1.1 विद्युत अधिनियम, 2003 की धारा 3 का अंतुपालन करते हुए, केंद्र सरकार ने दिनांक 6 जनवरी, 2006 को दैनिक नीति अधिसूचित की। दैनिक नीति में और संशोधन 31 मार्च, 2008, 20 जनवरी, 2011 और 08 जुलाई, 2011 को अधिसूचित किए गए थे। विद्युत अधिनियम, 2003 की धारा 3(3) के अंतर्गत पदतल चर्चितियों का बयोस करते हुए केंद्र सरकार एतदुक्त भारत के राजपत्र में इस संकल्प के प्रकाशन की तारीख से प्रभावी किए जाने हेतु संशोधित दैनिक नीति अधिसूचित करती है।

06 जनवरी, 2006 को अधिसूचित दैनिक नीति के प्रावधानों के अंतर्गत तथा इसमें किए गए संशोधनों के अंतर्गत किसी भी किए गए कार्य अथवा की गई कार्रवाई अथवा तथाकथित किए गए अथवा किए जाने वाले कार्य के होते हुए भी, जहां तक कि इस नीति से असंगत नहीं हैं, उन्हें इस संशोधित नीति के प्रावधानों के अंतर्गत किया गया अथवा किया जाने जाना माना जाएगा।

1.2 राष्ट्रीय विद्युत नीति ने बड़ी उपलब्धता क्षमता की अभिवृद्धि एवं प्रतिवर्ष विद्युत की प्रतिव्यक्ति उपलब्धता बढ़ाने का लक्ष्य निर्धारित किया है एवं न केवल ऊर्जा और व्यवस्ततमकालीन कमी को दूर करने के लिए, बल्कि केंद्रीय विद्युत प्राधिकरण द्वारा निर्दिष्ट निवेश रजिस्टर रखा जाना भी है। विद्युत क्षेत्र को आगामी पांच वर्षों में सभी वर्गों की सस्ती बिजली की उपलब्धता को सुगम बनाने हेतु चुनौती को भी पूरा करता है।

1.3 केंद्र और राज्य सरकार, बजटीय संसाधनों से अपेक्षित धनराशि जुड़वा करने में असमर्थ हैं अतः विद्युत क्षेत्र में निवेश को आकर्षित करने के लिए निवेश पर उपयुक्त रिटर्न मूहिया कराना अनिवार्य है। देश के आर्थिक विकास में तेजी लाने और लोगों के जीवन स्तर में सुधार लाने का लक्ष्य प्राप्त करने हेतु

- विविध अनुदान
- जीवन-निर्वाह अनुदान
- सहायक एवं स्वयंसेवी समूहों के लिए आय सृजन योजनाओं को बढ़ावा देना
- ईंधन, कीटनाशक एवं उर्वरक सब्सिडी तथा विद्युत सहायता

उपरोक्त अतिरिक्त धनसहायता के अलावा वर्तमान में लागू पुनर्वास एवं पुनःस्थापन राष्ट्रीय नीति के प्रावधान सामान्यतः प्रभावी बने रहेंगे।

MINISTRY OF POWER

RESOLUTION

New Delhi, the 28th January, 2016

TARIFF POLICY

No. 23/2005-R&R (Vol-IX)—1.0 INTRODUCTION

- 1.1 In compliance with section 3 of the Electricity Act 2003, the Central Government notified the Tariff Policy on 6th January, 2006. Further amendments to the Tariff Policy were notified on 31st March, 2008, 20th January, 2011 and 8th July, 2011. In exercise of powers conferred under section 3(3) of Electricity Act, 2003, the Central Government hereby notifies the revised Tariff Policy to be effective from the date of publication of this resolution in the Gazette of India.

Notwithstanding anything done or any action taken or purported to have been done or taken under the provisions of the Tariff Policy notified on 6th January, 2006 and amendments made thereunder, shall, in so far as it is not inconsistent with this Policy, be deemed to have been done or taken under provisions of this revised policy.

- 1.2 The National Electricity Policy has set the goal of adding new generation capacity and enhancing per capita availability of electricity per year and to not only eliminate energy and peaking shortages but to also have a spinning reserve as specified by the Central Electricity Authority. Development of the power sector has also to meet the challenge of providing access for affordable electricity to all households in next five years.
- 1.3 It is therefore essential to attract adequate investments in the power sector by providing appropriate return on investment as budgetary resources of the Central and State Governments are incapable of providing the requisite funds. It is equally necessary to ensure availability of electricity to different categories of customers at reasonable rates for achieving the objectives of rapid economic development of the country and improvement in the living standards of the people.
- 1.4 Balancing the requirement of attracting adequate investments to the sector and that of ensuring reasonability of user charges for the consumers is the crucial challenge for the regulatory process. Accelerated development of the power sector and its ability to attract necessary investments calls for, inter alia, consistent regulatory approach across the country. Consistency in approach becomes all the more necessary considering the large number of States and the diversities involved.

2.0 LEGAL POSITION

- 2.1 Section 3 (1) of the Electricity Act, 2003 empowers the Central Government to formulate the tariff policy. Section 3(3) of the Act enables the Central Government to review or revise the tariff policy from time to time.
- 2.2 Central Electricity Regulatory Commission (CERC) and State Electricity Regulatory Commissions (SERCs) shall be guided by the tariff policy in discharging their functions including framing the regulations.
- 2.3 Regulatory Commissions shall be guided by the principles and methodologies specified by the Central Commission for determination of tariff applicable to generating companies and transmission licensee.
- 2.4 The Forum of Regulators has been constituted by the Central Government under the provisions of the Act which would, inter alia, facilitate consistency in approach specially in the area of distribution.

3.0 EVOLUTION OF THE POLICY

The tariff policy has been evolved in consultation with the State Governments, the Central Electricity Authority (CEA), the Central Electricity Regulatory Commission and various stakeholders.

4.0 OBJECTIVES OF THE POLICY

The objectives of this tariff policy are to:

- (a) Ensure availability of electricity to consumers at reasonable and competitive rates;
- (b) Ensure financial viability of the sector and attract investments;
- (c) Promote transparency, consistency and predictability in regulatory approaches across jurisdictions and minimise perceptions of regulatory risks;
- (d) Promote competition, efficiency in operations and improvement in quality of supply;
- (e) Promote generation of electricity from Renewable sources;
- (f) Promote Hydroelectric Power generation including Pumped Storage Projects (PSP) to provide adequate peaking reserves, reliable grid operation and integration of variable renewable energy sources;
- (g) Evolve a dynamic and robust electricity infrastructure for better consumer services;
- (h) Facilitate supply of adequate and uninterrupted power to all categories of consumers;
- (i) Ensure creation of adequate capacity including reserves in generation, transmission and distribution in advance, for reliability of supply of electricity to consumers.

5.0 GENERAL APPROACH TO TARIFF

5.1 Introducing competition in different segments of the electricity industry is one of the key features of the Electricity Act, 2003. Competition will lead to significant benefits to consumers through reduction in capital costs and also efficiency of operations. It will also facilitate the price to be determined competitively. The Central Government has already issued detailed guidelines for tariff based bidding process for procurement of electricity by distribution licensees.

5.2 All future requirements of power should continue to be procured competitively by distribution licensees except in cases of expansion of existing projects or where there is a company owned or controlled by the State Government as an identified developer and where regulators will need to resort to tariff determination based on norms provided that expansion of generating capacity by private developers for this purpose would be restricted to one time addition of not more than 100% of the existing capacity.

Provided further that the Appropriate Commission, as defined in the Electricity Act, 2003, shall ensure that in case of expansion of such projects, the benefit of sharing of infrastructure of existing project and efficiency of new technology is passed on to consumers through tariff.

Provided also that the State Government can notify a policy to encourage investment in the State by allowing setting up of generating plants, including from renewable energy sources out of which a maximum of 35% of the installed capacity can be procured by the Distribution Licensees of that State for which the tariff may be determined under Section 62 of the Electricity Act, 2003.

Provided that notwithstanding the provision contained in para 5.11(j) of the policy, the tariff for such 35% of the installed capacity shall be determined by SERC.

However, the 15% of power outside long term PPAs allowed under para 5.7.1 of National Electricity Policy shall not be included in 35% allowed to be procured by Distribution Licensees of the State.

5.3 The tariff of all new generation and transmission projects of company owned or controlled by the Central Government shall continue to be determined on the basis of competitive bidding as per the Tariff Policy notified on 6th January, 2006 unless otherwise specified by the Central Government on case to case basis.

Further, intra-state transmission projects shall be developed by State Government through competitive bidding process for projects costing above a threshold limit which shall be decided by the SERCs.

5.4 The Central Electricity Regulatory Commission in consultation with Central Electricity Authority and other stakeholders shall frame within six months, regulations for determination of tariff for generation of electricity from projects using coal washery rejects. These regulations shall also be followed by State Electricity Regulatory Commissions.

Provided that procurement of power from coal washery rejects based projects developed by Central/State PSUs, Joint Venture between Government Company and Company other than Government Company in which shareholding of company other than Government Company either directly or through any of its subsidiary company or associate company shall not be more than 26% of the paid up share capital, can be done under Section 62 of the Act.

5.5 The developer of a hydroelectric project, including Pumped Storage Plant (PSP), would have the option of getting the tariff determined by the Appropriate Commission for the power to be sold through long term Power Purchase

Agreements (PPAs) on the basis of performance based cost of service regulations, if the following conditions are fulfilled:

- (a) The Appropriate Commission is satisfied that the project site has been allotted to the developer by the concerned State Government after following a transparent two stage process. The first stage should be for prequalification on the basis of criteria of financial strength, past experience of developing infrastructure projects of similar size, past track record of developing projects on time and within estimated costs, turnover and ability to meet performance guarantee etc. In the second stage, bids are to be called on the basis of only one single quantifiable parameter, such as, additional free power in excess of percentage of free power, as notified by the Central Government, equity participation offered to the State Government, or any other parameter to be notified by the Central Government from time to time.
- (b) Concurrence of CEA (if required under Section 8 of the Act), financial closure, award of work and long term Power Purchase Agreement (PPA) (of the duration of 35 years or more) of the capacity specified in (c) below with distribution licensee are completed by 15.08.2022.
- (c) Long term PPA is firm up for 60% or more of the total saleable design energy, balance being allowed for merchant sale.

Provided that distribution licensee can extend the duration of long term PPA beyond 35 years for a further period of 15 years at the existing terms and conditions subject to the approval of Appropriate Commission.

Provided further that nothing contained in this clause shall apply to Pumped Storage Plants (PSP).

- (d) The time period for commissioning of all the units of the project shall be fixed at four years from the date of approval of the commissioning schedule by the Appropriate Commission. However, the Appropriate Commission may, after recording reasons in writing, fix longer time period for hydro electric projects (reservoir as well as run-of-river projects) of more than 100 MW capacity. Agreed timelines to achieve the fixed commissioning schedule alongwith penalty for delay shall be decided by the Appropriate Commission in consultation with the Central Electricity Authority. The Appropriate Commission shall allow pass through the Interest During Construction (IDC) and Financing Cost (FC) only upto the period of delay not attributable to the developer, as approved by the CEA.
- (e) Award of contracts for supply of equipment and construction of the project, either through a turnkey or through well defined packages, are done on the basis of international competitive bidding.

5.6 Notwithstanding anything contained in Para 5.5 above, the developers of hydro electric projects of more than 100 MW design capacity for which sites have been awarded earlier by following a transparent process and on the basis of pre-determined set of criteria would have the option of getting the tariff determined by the Appropriate Commission for the power to be sold through long term PPA on the basis of cost plus under Section 62 of the Act.

5.7 In case of projects covered under Para 5.5 and 5.6, the Appropriate Commission shall determine tariff ensuring the following:

- (i) Any expenditure incurred or committed to be incurred by the project developer for getting project site allotted (except free power as notified) would neither be included in the project cost, nor any such expenditure shall be passed through in tariff.
- (ii) The project cost shall include the cost of the approved R&R plan of the Project which shall be in conformity with the following:
 - (a) the National Rehabilitation & Resettlement Policy currently in force;
 - (b) the R&R package as enclosed at appendix.
- (iii) Annual fixed charges shall be taken pro-rata to the saleable design energy tied up on the basis of long term PPAs with respect to total saleable design energy. The total saleable design energy shall be arrived at by deducting the following from the design energy at the bus bar:
 - a) Free power as notified by the Central Government from time to time for the host State and the riparian State and percentage for contribution towards Local Area Development Fund as constituted by the State Government. This free power may be suitably staggered as decided by the State Government.
 - b) Energy corresponding to 100 units of electricity to be provided free of cost every month to every Project Affected Family notified by the State Government to be offered through the concerned distribution licensee in the designated resettlement area/projects area for a period of ten years from the date of commissioning.

5.8 The Appropriate Commission shall provide for suitable regulatory framework for incentivizing the developers of Hydro Electric Projects (HEPs) for using long-term financial instruments in order to reduce the tariff burden in the initial years.

5.9 The real benefits of competition would be available only with the emergence of appropriate market conditions. Shortages of power supply will need to be overcome. Multiple players will enhance the quality of service through competition. All efforts will need to be made to bring power industry to this situation as early as possible in the overall interests of consumers. Transmission and distribution, i.e. the wires business is internationally recognized as having the characteristics of a natural monopoly where there are inherent difficulties in going beyond regulated returns on the basis of scrutiny of costs.

5.10 Consumer interest is best served in ensuring viability and sustainability of the entire value chain viz., generation, transmission and distribution of electricity, while at the same time facilitating power supply at reasonable rate to consumers. The financial turnaround/restructuring plans are approved by the Appropriate Government from time to time to achieve this objective. The Appropriate Government as well as the Appropriate Commission while implementing such plans shall ensure viability of the generation, transmission and distribution in terms of recovery of all prudent costs.

5.11 Tariff policy lays down the following framework for performance based cost of service regulation in respect of aspects common to generation, transmission as well as distribution. These shall not apply to competitively bid projects as referred to in para 6.1 and para 7.1 (b). Sector specific aspects are dealt with in subsequent sections.

a) Return on Investment

Balance needs to be maintained between the interests of consumers and the need for investments while laying down rate of return. Return should attract investments at par with, if not in preference to, other sectors so that the electricity sector is able to create adequate capacity. The rate of return should be such that it allows generation of reasonable surplus for growth of the sector.

The Central Commission would notify, from time to time, the rate of return on equity for generation and transmission projects keeping in view the assessment of overall risk and the prevalent cost of capital which shall be followed by the SERCs also. The rate of return notified by CERC for transmission may be adopted by the SERCs for distribution with appropriate modification taking into view the risks involved. For uniform approach in this matter, it would be desirable to arrive at a consensus through the Forum of Regulators.

While allowing the total capital cost of the project, the Appropriate Commission would ensure that these are reasonable and to achieve this objective, requisite benchmarks on capital costs should be evolved by the Regulatory Commissions. The Central Commission may adopt either Return on Equity or Return on Capital approach whichever is considered better in the interest of the consumers.

The State Commission may consider 'distribution and supply margin' as basis for allowing returns in distribution business at an appropriate time. The State Commission may also consider price cap regulation based on comprehensive study. The Forum of Regulators should evolve a comprehensive approach in this regard. The considerations while preparing such an approach would, inter-alia, include issues such as reduction in Aggregate Technical and Commercial losses, improving the standards of performance and reduction in cost of supply.

b) Equity Norms

For financing of future capital cost of projects, a Debt: Equity ratio of 70:30 should be adopted. Promoters would be free to have higher quantum of equity investments. The equity in excess of this norm should be treated as loans advanced at the weighted average rate of interest and for a weighted average tenor of the long term debt component of the project after ascertaining the reasonableness of the interest rates and taking into account the effect of debt restructuring done, if any. In case of equity below the normative level, the actual equity would be used for determination of Return on Equity in tariff computations.

c) Depreciation

The Central Commission may notify the rates of depreciation in respect of generation and transmission assets. The depreciation rates so notified would also be applicable for distribution assets with appropriate modification as may be evolved by the Forum of Regulators.

Provided that the Appropriate Commission shall specify, for the purpose of tariff determination, a upper ceiling of the rate of depreciation to be applicable during the useful life of the project and the developer shall have the option of indicating, while seeking approval for tariff, lower rate of depreciation subject to the aforesaid ceiling.

The rates of depreciation so notified would be applicable for the purpose of tariffs as well as accounting.

There should be no need for any advance against depreciation.

Benefit of reduced tariff after the assets have been fully depreciated should remain available to the consumers.

Notwithstanding the above, power from those plants of a generating company, where either whose PPAs have expired or plants have completed their useful life, may be bundled with power from renewable generating plants to be set up through the process of bidding or for which the equipment for setting up such plant is procured through competitive bidding. In such cases, power from such plants can be reallocated to beneficiaries purchasing power from renewable energy generating plants on the principles to be decided by Appropriate Government. The Obligated Entities which finally buy such power shall account towards their renewable purchase obligation to the extent of power bought from renewable energy generating plants.

The scheduling and despatch of such conventional and renewable generating plants shall be done separately.

d) Cost of Debt

Structuring of debt, including its tenure, with a view to reducing the tariff should be encouraged. Savings in costs on account of subsequent restructuring of debt should be suitably incentivised by the Regulatory Commissions keeping in view the interests of the consumers.

e) Cost of Management of Foreign Exchange Risk

Foreign exchange variation risk shall not be a pass through. However, appropriate costs of hedging and swapping to take care of foreign exchange variations should be allowed for debt obtained in foreign currencies. This provision would be relevant only for the projects where tariff has not been determined on the basis of competitive bids.

f) Operating Norms

Suitable performance norms of operations together with incentives and disincentives would need to be evolved along with appropriate arrangement for sharing the gains of efficient operations with the consumers. Except for the cases referred to in para 5.11(h)(2), the operating parameters in tariffs should be at "normative levels" only and not at "lower of normative and actuals". This is essential to encourage better operating performance. The norms should be efficient, reliable in past performance, capable of achievement and progressively reflecting increased efficiencies and may also take into consideration the latest technological advancements, fuel, vintage of equipments, nature of operations, level of service to be provided to consumers etc. Continued and proven inefficiency must be controlled and penalized.

The Central Commission would, in consultation with the Central Electricity Authority, notify operating norms from time to time for generation and transmission. The SERCs would adopt these norms. In cases where operations have been much below the norms for many previous years, the SERCs may fix relaxed norms suitably and draw a transition path over the time for achieving the norms notified by the Central Commission, or phase them out in accordance with the norms specified by the Authority in this regard.

Operating norms for distribution networks would be notified by the concerned SERCs. For uniformity, the Forum of Regulators should evolve model guidelines taking into consideration the state specific distinctive features.

g) Renovation and Modernization

Renovation and modernization of generation plants (including repowering of wind generating plants) need to be encouraged for higher efficiency levels even though they may have not completed their useful life. This shall not include periodic overhauls. A Multi-Year Tariff (MYT) framework may be prescribed which should also cover capital investments necessary for renovation and modernization and an incentive framework to share the benefits of efficiency improvement between the utilities and the beneficiaries with reference to revised and specific performance norms to be fixed by the Appropriate Commission. Appropriate capital costs required for predetermined efficiency gains and/or for sustenance of high level performance would need to be assessed by the Appropriate Commission.

h) Multi Year Tariff

- 1) Section 61 of the Act states that the Appropriate Commission for determining the terms and conditions for the determination of tariff shall be guided, inter-alia, by Multi-Year Tariff (MYT) principles. The framework should feature a five-year control period. The initial control period may, however, be of 3 year duration for transmission and distribution if deemed necessary by the Regulatory Commission on account of data uncertainties and other practical considerations. In cases of lack of reliable data, the Appropriate Commission may state assumptions in MYT for first control period and a fresh control period may be started as and when more reliable data becomes available.
- 2) In cases where operations have been much below the norms for many previous years, the initial starting point in determining the revenue requirement and the improvement trajectories should be recognized at

"relaxed" levels and not the "desired" levels. Suitable benchmarking studies may be conducted to establish the "desired" performance standards. Separate studies may be required for each utility to assess the capital expenditure necessary to meet the minimum service standards.

- 3) Once the revenue requirements are established at the beginning of the control period, the Regulatory Commission should focus on regulation of outputs and not the input cost elements. At the end of the control period, a comprehensive review of performance may be undertaken.
- 4) Uncontrollable costs should be recovered speedily to ensure that future consumers are not burdened with past costs. Uncontrollable costs would include (but not limited to) fuel costs, costs on account of inflation, taxes and cess, variations in power purchase unit costs including on account of adverse natural events.
- 5) Clear guidelines and regulations on information disclosure may be developed by the Regulatory Commissions. Section 62 (2) of the Act empowers the Appropriate Commission to require licensees to furnish separate details, as may be specified in respect of generation, transmission and distribution for determination of tariff.

(i) Benefits under Clean Development Mechanism (CDM)

Tariff fixation for all electricity projects (generation, transmission and distribution) that result in lower Green House Gas (GHG) emissions than the relevant base line should take into account the benefits obtained from the Clean Development Mechanism (CDM) into consideration, in a manner so as to provide adequate incentive to the project developers.

(j) Composite Scheme

Sub-section (b) of Section 79(1) of the Act provides that Central Commission shall regulate the tariff of generating company, if such generating company enters into or otherwise have a composite scheme for generation and sale of electricity in more than one State.

Explanation: The composite scheme as specified under section 79(1) of the Act shall mean a scheme by a generating company for generation and sale of electricity in more than one State, having signed long-term or medium-term PPA prior to the date of commercial operation of the project (the COD of the last unit of the project will be deemed to be the date of commercial operation of the project) for sale of atleast 10% of the capacity of the project to a distribution licensee outside the State in which such project is located.

5.12 While it is recognized that the State Governments have the right to impose duties, taxes, cess on sale or consumption of electricity, these could potentially distort competition and optimal use of resources especially if such levies are used selectively and on a non-uniform basis.

In some cases, the duties etc. on consumption of electricity is linked to sources of generation (like captive generation) and the level of duties levied is much higher as compared to that being levied on the same category of consumers who draw power from grid. Such a distinction is invidious and inappropriate. The sole purpose of freely allowing captive generation is to enable industries to access reliable, quality and cost effective power. Particularly, the provisions relating to captive power plants which can be set up by group of consumers has been brought in recognition of the fact that efficient expansion of small and medium industries across the country will lead to faster economic growth and creation of larger employment opportunities.

For realizing the goal of making available electricity to consumers at reasonable and competitive prices, it is necessary that such duties are kept at reasonable level.

5.13 The Act provides for introduction of open access for consumers of one megawatt and above in a time bound manner. The Regulatory Commissions shall introduce open access for different categories of consumers as per the provisions of the Act.

6.0 GENERATION

Accelerated growth of the generation capacity sector is essential to meet the estimated growth in demand. Adequacy of generation is also essential for efficient functioning of power markets. At the same time, it is to be ensured that new capacity addition should deliver electricity at most efficient rates to protect the interests of consumers. This policy stipulates the following for meeting these objectives.

6.1 Procurement of power

As stipulated in para 5.1, power procurement for future requirements should be through a transparent competitive bidding mechanism using the guidelines issued by the Central Government from time to time. These guidelines provide for procurement of electricity separately for base load requirements and for peak load requirements. This would facilitate setting up of generation capacities specifically for meeting such requirements.

However, some of the competitively bid projects as per the guidelines dated 19th January, 2005 have experienced difficulties in getting the required quantity of coal from Coal India Limited (CIL). In case of reduced quantity of

domestic coal supplied by CIL, vis-à-vis the assured quantity or quantity indicated in Letter of Assurance/PSA the cost of imported/market based e-auction coal procured for making up the shortfall, shall be considered for being made a pass through by Appropriate Commission on a case to case basis, as per advisory issued by Ministry of Power vide OM No. PU-12/2011-IPC (Vol-III) dated 31.7.2013.

6.2 Tariff structuring and associated issues

- (1) A two-part tariff structure should be adopted for all long-term and medium-term contracts to facilitate Merit Order dispatch. According to National Electricity Policy, the Availability Based Tariff (ABT) is also to be introduced at State level. This framework would be extended to generating stations (including grid connected captive plants of capacities as determined by the STERC). The Appropriate Commission shall introduce differential rates of fixed charges for peak and off peak hours for better management of load within a period of two years.

Power stations are required to be available and ready to dispatch at all times. Notwithstanding any provision contained in the Power Purchase Agreement (PPA), in order to ensure better utilization of un-requisitioned generating capacity of generating stations, based on regulated tariff under Section 62 of the Electricity Act 2003, the procurer shall communicate, at least twenty four hours before 00:00 hours of the day when the power and quantum thereof is not requisitioned by it enabling the generating stations to sell the same in the market in consonance with laid down policy of Central Government in this regard. The developer and the procurer signing the PPA would share the gains realized from sale, if any, of such un-requisitioned power in market in the ratio of 50:50, if not already provided in the PPA. Such gain will be calculated as the difference between selling price of such power and fuel charge. It should, however, be ensured that such merchant sale does not result in adverse impact on the original beneficiary(ies) including in the form of higher average energy charge vis-à-vis the energy charge payable without the merchant sale. For the projects under section 63 of the Act, the methodology for such sale may be decided by the Appropriate Commission on mutually agreed terms between procurer and generator or unless already specified in the PPA.

- (2) Power Purchase Agreement should ensure adequate and bankable payment security arrangements to the Generating companies. In case of persisting default on payment of agreed tariff as per PPA in spite of the available payment security mechanisms like letter of credit, escrow of cash flows etc. the generating companies may sell such power to other buyers.
- (3) In case of coal based generating stations, the cost of project will also include reasonable cost of setting up coal washeries, coal beneficiation system and dry ash handling & disposal system.
- (4) After the award of bids, if there is any change in domestic duties, levies, cess and taxes imposed by Central Government, State Governments/Union Territories or by any Government instrumentality leading to corresponding changes in the cost, the same may be treated as "Change in Law" and may unless provided otherwise in the PPA, be allowed as pass through subject to approval of Appropriate Commission.
- (5) The thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of Municipality/local bodies/similar organization shall in the order of their closeness to the sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as a pass through in the tariff. Such thermal plants may also ensure back-up source of water to meet their requirement in the event of shortage of supply by the sewage treatment plant. The associated cost on this account shall be factored into the fixed cost so as not to disturb the merit order of such thermal plant. The shutdown of the sewage treatment plant will be taken in consultation with the developer of the power plant.

6.3 Harnessing captive generation

Captive generation is an important means to making competitive power available. Appropriate Commission should create an enabling environment that encourages captive power plants to be connected to the grid.

Such captive plants could supply surplus power through grid subject to the same regulation as applicable to generating companies. Firm supplies may be bought from captive plants by distribution licensees using the guidelines issued by the Central Government under section 63 of the Act taking into account second proviso of para 5.2 of this Policy.

The prices should be differentiated for peak and off-peak supply and the tariff should include variable cost of generation at actual levels and reasonable compensation for capacity charges.

Wheeling charges and other terms and conditions for implementation should be determined in advance by the respective State Commission, duly ensuring that the charges are reasonable and fair.

Grid connected captive plants could also supply power to non-captive users connected to the grid through available transmission facilities based on negotiated tariffs. Such sale of electricity would be subject to relevant regulations for open access including compliance of relevant provisions of rule 3 of the Electricity Rules, 2005.

6.4 Renewable sources of energy generation including Co-generation from renewable energy sources:

- (1) Pursuant to provisions of section 86(1)(e) of the Act, the Appropriate Commission shall fix a minimum percentage of the total consumption of electricity in the area of a distribution licensee for purchase of energy from renewable energy sources, taking into account availability of such resources and its impact on retail tariffs. Cost of purchase of renewable energy shall be taken into account while determining tariff by SERCs. Long term growth trajectory of Renewable Purchase Obligations (RPOs) will be prescribed by the Ministry of Power in consultation with MNRE.

Provided that cogeneration from sources other than renewable sources shall not be excluded from the applicability of RPOs.

- (i) Within the percentage so made applicable, to start with, the SERCs shall also reserve a minimum percentage for purchase of solar energy from the date of notification of this policy which shall be such that it reaches 8% of total consumption of energy, excluding Hydro Power, by March 2022 or as notified by the Central Government from time to time.
- (ii) Distribution Licensee(s) shall compulsorily procure 100% power produced from all the Waste-to-Energy plants in the State, in the ratio of their procurement of power from all sources including their own, at the tariff determined by the Appropriate Commission under Section 62 of the Act.
- (iii) It is desirable that purchase of energy from renewable sources of energy takes place more or less in the same proportion in different States. To achieve this objective in the current scenario of large availability of such resources only in certain parts of the country, an appropriate mechanism such as Renewable Energy Certificate (REC) would need to be promoted. Through such a mechanism, the renewable energy based generation companies can sell the electricity to local distribution licensee at the rates for conventional power and can recover the balance cost by selling certificates to other distribution companies and obligated entities enabling the latter to meet their renewable power purchase obligations. The REC mechanism should also have a solar specific REC.
- (iv) Appropriate Commission may also provide for a suitable regulatory framework for encouraging such other emerging renewable energy technologies by prescribing separate technology based REC multiplier (i.e. granting higher or lower number of RECs to such emerging technologies for the same level of generation). Similarly, considering the change in prices of renewable energy technologies with passage of time, the Appropriate Commission may prescribe vintage based REC multiplier (i.e. granting higher or lower number of RECs for the same level of generation based on year of commissioning of plant).
- (2) States shall endeavor to procure power from renewable energy sources through competitive bidding to keep the tariff low, except from the waste to energy plants. Procurement of power by Distribution Licensee from renewable energy sources from projects above the notified capacity, shall be done through competitive bidding process, from the date to be notified by the Central Government.

However, till such notification, any such procurement of power from renewable energy sources projects, may be done under Section 62 of the Electricity Act, 2003. While determining the tariff from such sources, the Appropriate Commission shall take into account the solar radiation and wind intensity which may differ from area to area to ensure that the benefits are passed on to the consumers.

- (3) The Central Commission should lay down guidelines for pricing intermittent power, especially from renewable energy sources, where such procurement is not through competitive bidding. The tariff stipulated by CGRC shall act as a ceiling for that category.
- (4) In order to incentivize the Distribution Companies to procure power from renewable sources of energy, the Central Government may notify, from time to time, an appropriate bid-based tariff framework for renewable energy, allowing the tariff to be increased progressively in a back-loaded or any other manner in the public interest during the period of PPA, over the life cycle of such a generating plant. Correspondingly, the procurement of such bid-based renewable energy shall comply with the obligations for payment of tariff so determined.
- (5) In order to promote renewable energy sources, any generating company proposing to establish a coal/lignite based thermal generating station after a specified date shall be required to establish such renewable energy generating capacity or procure and supply renewable energy equivalent to such capacity, as may be prescribed by the Central Government from time to time after due consultation with stakeholders. The renewable energy produced by each generator may be bundled with its thermal generation for the purpose of sale. In case an obligated entity procures this renewable power, then the SERCs will consider the obligated entity to have met the Renewable Purchase Obligation (RPO) to the extent of power bought from such renewable energy generating stations.

Provided further that in case any existing coal and lignite based thermal power generating station, with the concurrence of power procurers under the existing Power Purchase Agreements, chooses to set up additional renewable energy generating capacity, the power from such plant shall be allowed to be bundled and tariff of such renewable energy shall be allowed to be pass through by the Appropriate Commission. The Obligated

Entities who finally buy such power shall account towards their renewable purchase obligations.

Provided also that scheduling and despatch of such conventional and renewable generating plants shall be done separately.

- (6) In order to further encourage renewable sources of energy, no inter-State transmission charges and losses may be levied till such period as may be notified by the Central Government on transmission of the electricity generated from solar and wind sources of energy through the inter-state transmission system for sale.
- (7) Appropriate Commission may provide regulatory framework to facilitate generation and sale of electricity from renewable energy sources particularly from roof-top solar system by any entity including local authority, Panchayat Institution, user institution, cooperative society, Non-Governmental Organization, franchisee or by Renewable Energy Service Company. The Appropriate Government may also provide complementary policy support for this purpose.

Explanation: "Renewable Energy Service Company" means an energy service company which provides renewable energy to the consumers in the form of electricity.

7.0 TRANSMISSION

The transmission system in the country consists of the regional networks, the inter-regional connections that carry electricity across the five regions and the State networks. Development of the State networks has not been uniform and capacity in such networks needs to be augmented. These networks will play an important role in intra-State power flows and also in the regional and national flows. The tariff policy, in so far as transmission is concerned, seeks to achieve the following objectives:

1. Ensuring optimal development of the transmission network ahead of generation with adequate margin for reliability and to promote efficient utilization of generation and transmission assets in the country.
2. Attracting the required investments in the transmission sector and providing adequate returns.

7.1 Transmission pricing

(1) A suitable transmission tariff framework for all inter-State transmission, including transmission of electricity across the territory of an intervening State as well as conveyance within the State which is incidental to such inter-state transmission, has been implemented with the objective of promoting effective utilization of all assets across the country and accelerated development of new transmission capacities that are required.

(2) The National Electricity Policy mandates that the national tariff framework implemented should be sensitive to distance, direction and related to quantum of power flow. This has been developed by CERC taking into consideration the advice of the CEA. Sharing of transmission charges shall be done in accordance with such tariff mechanism as amended from time to time.

(3) Transmission charges, under this framework, can be determined on MW per circuit kilometer basis, zonal postage stamp basis, or some other pragmatic variant, the ultimate objective being to get the transmission system users to share the total transmission cost in proportion to their respective utilization of the transmission system. The "utilization" factor should duly capture the advantage of reliability reaped by all. The spread between minimum and maximum transmission rates should be such as not to inhibit planned development/augmentation of the transmission system but should discourage non-optimal transmission investment.

(4) In view of the approach laid down by the NEP, prior agreement with the beneficiaries would not be a pre-condition for network expansion. CTU/STU should undertake network expansion after identifying the requirements in consonance with the National Electricity Plan and in consultation with stakeholders and taking up the execution after due regulatory approvals. For smooth operation of the grid, efforts should be made to develop transmission system ahead of generation.

(5) The Central Commission has specified norms for capital and operating costs and laid down Standards of Performance for inter-State transmission licensees. Tariff determination and adherence to Standards of Performance shall be carried out in accordance with these norms, as amended from time to time.

(6) Investment by transmission developer including CTU/STUs would be invited through competitive bids in accordance with the guidelines issued by the Central Government from time to time.

(7) While all future inter-state transmission projects shall, ordinarily, be developed through competitive bidding process, the Central Government may give exemption from competitive bidding for (a) specific category of projects of strategic importance, technical upgradation etc. or (b) works required to be done to cater to an urgent situation on a case to case basis.

(8) CERC has specified Regulation on framework for the inter-State transmission. A similar approach should be implemented by SERCs for the intra-State transmission, duly considering factors like voltage, distance, direction and quantum of flow.

(9) Metering compatible with the requirements of the proposed transmission tariff framework should be established on priority basis. The metering should be compatible with ABT requirements, which would also facilitate implementation of Time of Day (ToD) tariffs.

7.2 Transmission loss allocation

(1) Transactions are being charged on the basis of average losses arrived at after appropriately considering the distance and directional sensitivity, as applicable to relevant voltage level, on the transmission system. Based on the methodology laid down by the CERC in this regard for inter-state transmission, the SERCs may evolve a similar framework for intra-state transmission.

The loss framework should ensure that the loss compensation is reasonable and linked to applicable technical loss benchmarks. The benchmarks may be determined by the Appropriate Commission after considering advice of CEA.

(7) It would be desirable to move to a system of loss compensation based on incremental losses as present deficiencies in transmission capacities are overcome through network expansion. The Appropriate Commission may require necessary studies to be conducted to establish the allowable level of system loss for the network configuration and the capital expenditure required to augment the transmission system and reduce system losses. Since additional flows above a level of line loading lead to significantly higher losses, CTU/STU should ensure upgrading of transmission systems to avoid the situations of overloading. The Appropriate Commission should permit adequate capital investments in new assets for upgrading the transmission system.

7.3 Other issues in transmission

(1) Financial incentives and disincentives should be implemented for the CTU and the STU around the Key Performance Indicators (KPI) for these organisations. Such KPIs would include efficient network construction, system availability and loss reduction.

(2) All available information should be shared with intending users by the CTU/STU and the load dispatch centres, particularly information on available transmission capacity and load flow studies.

(3) In extraordinary circumstances including threat to security to the State, public order or natural calamity, if the Central Government allocates power out of the unallocated share of the Central Generating Stations or otherwise, such allocation of power will have priority over short-term, medium-term and long-term access in this order.

7.4 Ancillary Services

(1) The Central Commission may introduce the norms and framework for ancillary services, including the method of sharing the charges, necessary to support the power system or grid operation for maintaining power quality, reliability and security of the grid.

(2) The Central Commission shall also consult the Central Electricity Authority, SERCs/JERCs, CTUs/STUs and NLDC/RLDC/SLDCs while specifying the norms for ancillary services.

(3) The State Commission shall also adopt the norms and framework for ancillary services as specified by the Central Commission.

8.0 DISTRIBUTION

Supply of reliable and quality power of specified standards in an efficient manner and at reasonable rates is one of the main objectives of the National Electricity Policy. The State Commission should determine and notify the standards of performance of licensees with respect to quality, continuity and reliability of service for all consumers. It is desirable that the Forum of Regulators determines the basic framework on service standards. A suitable transition framework could be provided for the licensees to reach the desired levels of service as quickly as possible. Penalties may be imposed on licensees in accordance with section 57 of the Act for failure to meet the standards.

Making the distribution segment of the industry efficient and solvent is the key to success of power sector reforms and provision of services of specified standards. Therefore, the Regulatory Commissions need to strike the right balance between the requirements of the commercial viability of distribution licensees and consumer interests. Loss making utilities need to be transformed into profitable ventures which can raise necessary resources from the capital markets to provide services of international standards to enable India to achieve its full growth potential. Efficiency in operations should be encouraged. Gains of efficient operations with reference to normative parameters should be appropriately shared between consumers and licensees.

Appropriate Commission should mandate Distribution Licensee to undertake load forecasting every year and to publish and submit to the Commission these short, medium and long-term power procurement plans to meet the load.

The State Regulatory Commission will devise a specific trajectory so that 24 hours supply of adequate and uninterrupted power can be ensured to all categories of consumers by 2021-22 or earlier depending upon the prevailing situation in the State.

Micro-grids supplying renewable energy are being set up in such areas where the grid has not reached or where adequate power is not available in the grid. Investment involved in setting up of such microgrids is substantial. One of the risks of investment is grid reaching the area before the completion of the project life and thereby making power from micro grids costly and unviable. In order to mitigate such risk and incentivize investment in microgrids, there is a need to put in place an appropriate regulatory framework to mandate compulsory purchase of power into the grid from such micro grids at a tariff to be determined under section 62 of the Act considering depreciated cost of investments and keeping in view industry benchmark and with a cap if necessary, as approved by the Appropriate Commission. The Appropriate Commission shall notify necessary regulations in this regard within six months.

8.1 Implementation of Multi-Year Tariff (MYT) framework

- 1) MYT framework would minimise risks for utilities and consumers, promote efficiency and appropriate reduction of system losses and attract investments. It would also bring greater predictability to consumer tariffs on the whole by restricting tariff adjustments to known indicators of power purchase prices and inflation indices. The framework should be applied for both public and private utilities.
- 2) The State Commissions should introduce mechanisms for sharing of excess profits and losses with the consumers as part of the overall MYT framework. In the first control period the incentives for the utilities may be asymmetric with the percentage of the excess profits being retained by the utility set at higher levels than the percentage of losses to be borne by the utility. This is necessary to accelerate performance improvement and reduction in losses and will be in the long term interest of consumers by way of lower tariffs.
- 3) As indicated in para 5.1 (h), the MYT framework implemented in the initial control period should have adequate flexibility to accommodate changes in the baselines consequent to metering being completed.
- 4) Licensees may have the flexibility of charging lower tariffs than approved by the State Commission if competitive conditions require so without having a claim on additional revenue requirement on this account in accordance with Section 62 of the Act.
- 5) At the beginning of the control period when the "actual" costs form the basis for future projections, there may be a large uncovered gap between required tariffs and the tariffs that are presently applicable. This gap should be fully met through tariff charges and through alternative means that could also include financial restructuring and transition financing.
- 6) Incumbent licensees should have the option of filing for separate revenue requirements and tariffs for an area where the State Commission has issued multiple distribution licenses, pursuant to the provisions of Section 14 of the Act read with para 5.4.7 of the National Electricity Policy.
- 7) Appropriate Commissions should initiate tariff determination and regulatory scrutiny on a *casu to casu* basis in case the licensee does not initiate filings in time. It is desirable that requisite tariff changes come into effect from the date of commencement of each financial year and any gap on account of delay in filing should be on account of licensee.

8.2 Framework for revenue requirements and costs

8.2.1 The following aspects would need to be considered in determining tariffs:

- (1) All power purchase costs need to be considered legitimate unless it is established that the merit order principle has been violated or power has been purchased at unreasonable rates. The reduction of Aggregate Technical & Commercial (AT&C) losses needs to be brought about but not by denying revenues required for power purchase for 24 hours supply and necessary and reasonable O&M and investment for system up-gradation. Consumers, particularly those who are ready to pay a tariff which reflects efficient costs have the right to get uninterrupted 24 hours supply of quality power. Actual level of retail sales should be grossed up by normative level of Y&D losses as indicated in MYT trajectory for allowing power purchase cost subject to justifiable power purchase mix variation (for example, more energy may be purchased from thermal generation in the event of poor rainfall) and fuel surcharge adjustment as per regulations of the SERC.
- (2) AT&C loss reduction should be incentivised by linking returns in a MYT framework to an achievable trajectory. Greater transparency and nurturing of consumer groups would be efficacious. For government owned utilities improving governance to achieve AT&C loss reduction is a more difficult and complex challenge for the SERCs. Prescription of a MYT dispensation with different levels of consumer tariffs in succeeding years linked to different AT&C loss levels aimed at covering full costs could generate the requisite political will for effective action to reduce them as the alternative would be stiffer tariff increases. Third party verification of energy audit results for different areas/localities could be used to impose area/locality specific surcharge for greater AT&C loss levels and this in turn could generate local consensus for effective action for better governance. The SERCs may also encourage suitable local area based incentive and disincentive scheme for the staff of the utilities linked to reduction in losses.

The SERC shall undertake independent assessment of baseline data for various parameters for every distribution circle of the licensee.

The SERC shall also institute a system of independent scrutiny of financial and technical data submitted by the licensees.

As the metering is completed up to appropriate level in the distribution network, it should be possible to segregate technical losses. Accordingly technical loss reduction under MYT framework should then be treated as distinct from commercial loss reduction which requires a different approach.

- (3) Section 65 of the Act provides that no direction of the State Government regarding grant of subsidy to consumers in the tariff determined by the State Commission shall be operative if the payment on account of subsidy as decided by the State Commission is not made to the utilities and the tariff fixed by the State Commission shall be applicable from the date of issue of orders by the Commission in this regard. The State Commissions should ensure compliance of this provision of law to ensure financial viability of the utilities. To ensure implementation of the provision of the law, the State Commission should determine the tariff initially, without considering the subsidy commitment by the State Government and subsidised tariff shall be arrived at thereafter considering the subsidy by the State Government for the respective categories of consumers.
- (4) Working capital should be allowed duly recognising the transition issues faced by the utilities such as progressive improvement in recovery of bills. Bad debts should be recognised as per policies developed and subject to the approval of the State Commission.
- (5) Pass through of past losses or profits should be allowed to the extent caused by uncontrollable factors. During the transition period controllable factors should be to the account of utilities and consumers in proportions determined under the MYT framework.
- (6) The contingency reserves should be drawn upon with prior approval of the State Commission only in the event of contingency conditions specified through regulations by the State Commission. The existing practice of providing for development reserves and tariff and dividend control reserves should be discontinued.
- (7) Section 61 of the Act mandates that the Appropriate Commission, while determining tariff, shall not only ensure safeguarding of consumer's interests but also the recovery of the cost of electricity in a reasonable manner. Section 62 of the Act further provides for periodic tariff adjustment during a year to take care of the variation in fuel price, as may be specified.

Therefore, the Appropriate Commission shall specify an appropriate price adjustment formula for recovery of the costs, arising on account of the variation in the price of fuel, power purchase etc. on monthly/quarterly basis for recovery of all prudent costs of the generating company and the licensee.

8.2.2 The facility of a regulatory asset has been adopted by some Regulatory Commissions in the past to limit tariff impact in a particular year. This should be done only as a very rare exception in case of natural calamity or force majeure conditions and subject to the following:

- a. Under business as usual conditions, no creation of Regulatory Assets shall be allowed.
- b. Recovery of outstanding Regulatory Assets along with carrying cost of Regulatory Assets should be time bound and within a period not exceeding seven years. The State Commission may specify the trajectory for the same.

8.3 Tariff design: Linkage of tariffs to cost of service

It has been widely recognised that rational and economic pricing of electricity can be one of the major tools for energy conservation and sustainable use of ground water resources.

In terms of the Section 61(g) of the Act, the Appropriate Commission shall be guided by the objective that the tariff progressively reflects the efficient and prudent cost of supply of electricity.

The State Governments can give subsidy to the extent they consider appropriate as per the provisions of section 65 of the Act. Direct subsidy is a better way to support the poorer categories of consumers than the mechanism of cross-subsidizing the tariff across the board. Subsidies should be targeted effectively and in transparent manner. As a substitute of cross subsidies, the State Government has the option of raising resources through mechanism of electricity duty and giving direct subsidies to only needy consumers. This is a better way of targeting subsidies effectively.

Accordingly, the following principles would be adopted:

1. Consumers below poverty line who consume below a specified level, as prescribed in the National Electricity Policy may receive a special support through cross subsidy. Tariffs for such designated group of consumers will be at least 50% of the average cost of supply.
2. For achieving the objective that the tariff progressively reflects the cost of supply of electricity, the Appropriate Commission would notify a roadmap such that tariffs are brought within $\pm 10\%$ of the average cost of supply. The road map would also have intermediate milestones, based on the approach of a gradual

reduction in cross subsidy.

3. While fixing tariff for agricultural use, the imperatives of the need of using ground water resources in a sustainable manner would also need to be kept in mind in addition to the average cost of supply. Tariff for agricultural use may be set at different levels for different parts of a state depending on the condition of the ground water table to prevent excessive depletion of ground water. Section 62 (1) of the Act provides that geographical position of any area could be one of the criteria for tariff differentiation. A higher level of subsidy could be considered to support poorer farmers of the region where adverse ground water table condition requires larger quantity of electricity for irrigation purposes subject to suitable restrictions to ensure maintenance of ground water levels and sustainable ground water usage.
4. Extent of subsidy for different categories of consumers can be decided by the State Government keeping in view various relevant aspects. But provision of free electricity is not desirable as it encourages wasteful consumption of electricity. Besides in most cases, lowering of water table in turn creating avoidable problem of water shortage for irrigation and drinking water for later generations. It is also likely to lead to rapid rise in demand of electricity putting severe strain on the distribution network thus adversely affecting the quality of supply of power. Therefore, it is necessary that reasonable level of user charges is levied. The subsidized rates of electricity should be permitted only up to a pre-identified level of consumption beyond which tariffs reflecting efficient cost of service should be charged from consumers. If the State Government wants to reimburse even part of this cost of electricity to poor category of consumers the amount can be paid in cash or any other suitable way. Use of prepaid meters can also facilitate this transfer of subsidy to such consumers.
5. Metering of supply to agricultural/rural consumers can be achieved in a consumer friendly way and in effective manner by management of local distribution in rural areas through commercial arrangement with franchisees with involvement of panchayat institutions, user associations, cooperative societies etc. Use of smart meters may be encouraged as a cost effective option for metering in cases of "limited use consumers" who are eligible for subsidized electricity.

8.4 Definition of tariff components and their applicability

1. Two-part tariffs featuring separate fixed and variable charges and time differentiated tariff shall be introduced on priority for large consumers (say, consumers with demand exceeding 1 MW) within one year and subsequently for all consumers within a period of five years or such period as may be specified. This would also help in flattening the peak and implementing various energy conservation measures.
2. The National Electricity Policy states that existing PPAs with the generating companies would need to be suitably assigned to the successor distribution companies. The State Governments may make such assignments taking care of different load profiles of the distribution companies so that retail tariffs are uniform in the State for different categories of consumers. Thereafter, the retail tariffs would reflect the relative efficiency of distribution companies in procuring power at competitive costs, controlling theft and reducing other distribution losses.
3. The Appropriate Commission may provide incentives to encourage metering and billing based on metered tariffs, particularly for consumer categories that are presently unmetered to a large extent. The metered tariffs and the incentives should be given wide publicity. Smart meters have the advantages of remote metering and billing, implementation of peak and off-peak tariff and demand side management through demand response. These would become essential in future for load-generation balancing due to increasing penetration of intermittent type of generation like wind and solar power.

Appropriate Commission shall, therefore, mandate smart meters for:

- (a) Consumers with monthly consumption of 500 units and more at the earliest but not later than 31.12.2017;
- (b) Consumers with monthly consumption above 200 units by 31.12.2019.

Further, two way smart meters shall be provided to all prosumers, who also sell back electricity to the grid as and when they require.

In order to enable energy audit in the distribution system, all distribution companies shall ensure smart meters in their electricity system throughout the chain from transformers at 132kV level right down to distribution transformer level at 11kV and further down to each consumer. Further, in order to reduce theft of power, the distribution companies should have enabling feature like distribution SCADA with distribution management system and energy audit functions. SERCs shall mandate these to be in place within two years.

4. The SERCs may also suitably regulate connection charges to be recovered by the distribution licensee to ensure that second distribution licensee does not resort to cherry picking by demanding unreasonable connection charges. The connection charges of the second licensee should not be more than those payable to the incumbent licensee.

8.5 Cross-subsidy surcharge and additional surcharge for open access

- 8.5.1 National Electricity Policy lays down that the amount of cross-subsidy surcharge and the additional surcharge to be levied from consumers who are permitted open access should not be so onerous that it eliminates competition which is intended to be fostered in generation and supply of power directly to the consumers through open access.

A consumer who is permitted open access will have to make payment to the generator, the transmission licensee whose transmission systems are used, distribution utility for the wheeling charges and, in addition, the cross subsidy surcharge. The computation of cross subsidy surcharge, therefore, needs to be done in a manner that while it compensates the distribution licensee, it does not constrain introduction of competition through open access. A consumer would avail of open access only if the payment of all the charges leads to a benefit to him. While the interest of distribution licensee needs to be protected it would be essential that this provision of the Act, which requires the open access to be introduced in a time-bound manner, is used to bring about competition in the larger interest of consumers.

SERCs may calculate the cost of supply of electricity by the distribution licensee to consumers of the applicable class as aggregate of (a) per unit weighted average cost of power purchase including meeting the Renewable Purchase Obligation; (b) transmission and distribution losses applicable to the relevant voltage level and commercial losses allowed by the SERC; (c) transmission, distribution and wheeling charges up to the relevant voltage level; and (d) per unit cost of carrying regulatory assets, if applicable.

Surcharge formula:

$$S = T - [C / (1 - L/100) + D + R]$$

Where

S is the surcharge

T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

R is the per unit cost of carrying regulatory assets.

Above formula may not work for all distribution licensees, particularly for those having power deficit, the State Regulatory Commissions, while keeping the overall objectives of the Electricity Act in view, may review and vary the same taking into consideration the different circumstances prevailing in the area of distribution licensee.

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of the consumers seeking open access.

Provided further that the Appropriate Commission, in consultation with the Appropriate Government, shall exempt levy of cross subsidy charge on the Railways, as defined in Indian Railways Act, 1909 being a deemed licensee, on electricity purchased for its own consumption.

- 8.5.2 No surcharge would be required to be paid in terms of sub-section (2) of Section 42 of the Act on the electricity being sold by the generating companies with consent of the competent government under Section 43(AH)(c) of the Electricity Act, 1948 (now repealed) and on the electricity being supplied by the distribution licensee on the authorisation by the State Government under Section 27 of the Indian Electricity Act, 1910 (now repealed), till the current validity of such consent or authorisation.
- 8.5.3 The surcharge may be collected either by the distribution licensee, the transmission licensee, the STU or the CTU, depending on whose facilities are used by the consumer for availing electricity supplies. In all cases the amounts collected from a particular consumer should be given to the distribution licensee in whose area the

- consumer is located. In case of two licensees supplying in the same area, the licensee from whom the consumer was availing supply shall be paid the amounts collected.
- 8.5.4 The additional surcharge for obligation to supply as per section 42(4) of the Act should become applicable only if it is conclusively demonstrated that the obligation of a licensee, in terms of existing power purchase commitments, has been and continues to be stranded, or there is an unavoidable obligation and incidence to bear fixed costs consequent to such a contract. The fixed costs related to network assets would be recovered through wheeling charges.
- 8.5.5 Wheeling charges should be determined on the basis of same principles as laid down for intra-state transmission charges and in addition would include average loss compensation of the relevant voltage level.
- 8.5.6 In case of outages of generator supplying to a consumer on open access, standby arrangements should be provided by the licensee on the payment of tariff for temporary connection to that consumer category as specified by the Appropriate Commission. Provided that such charges shall not be more than 125 percent of the normal tariff of that category.

9.0 Trading Margin

The Act provides that the Appropriate Commission may fix the trading margin, if considered necessary. Though there is a need to promote trading in electricity for making the markets competitive, the Appropriate Commission should monitor the trading transactions continuously and ensure that the electricity traders do not indulge in profiteering in situation of power shortages. Fixing of trading margin should be resorted to for achieving this objective.

JYOTI ARORA, Jr. Secy

APPENDIX

SALIENT FEATURES OF THE APPROVED R&R PROVISIONS FOR HYDRO POWER PROJECTS

1. SCOPE OF COVERAGE

The following provisions shall be applicable even if one family is affected by the development of a Hydro Power Project.

2. DEFINITION OF PROJECT AFFECTED FAMILIES (PAFs)

A Project Affected Family (PAF) shall mean a family whose place of residence or other property or source of livelihood has been affected by the development of a hydro project and who have been residing in the affected zone for two years preceding the date of declaration of notification under Section-11 of the LARR Act. The affected family would also include squatters.

3. DEFINITION OF AGRICULTURAL LABOURER

A person normally residing in the affected zone for two years preceding the date of declaration of the affected zone and earns his/her livelihood principally by manual labour on agricultural land.

4. DEFINITION OF NON-AGRICULTURAL LABOURER

A person normally residing in the affected zone for two years preceding the date of declaration of the affected zone and who does not hold any land in the affected zone but earns his/her livelihood principally by manual labour or as rural artisan or a service provider to the community.

5. DEFINITION OF SQUATTERS

A family occupying Government land in the affected zone without a legal title, at least for 5 years prior to the date of declaration of notification under Section-11 of LARR Act.

6. REHABILITATION/RESETTLEMENT COLONIES

This policy aims to provide built up houses to Project Affected Families (PAFs) who got displaced due to the development of hydro projects to the extent possible. However, wherever opted for, Liberal House Construction Allowance would be given in lieu.

7. TRAINING AND CAPACITY BUILDING

This policy also emphasizes the need to provide training to the Project Affected Families as well as to the local population for a sustained livelihood. Special training programmes from ITIs aimed at providing the required skills

to the local population would be undertaken by the Project developers at least six months prior to commencement of construction. This is expected to boost the employability of the PAFs and other people residing in the vicinity of the project.

8. ADDITIONAL PROVISIONS

This policy envisages additional provisions for Project Affected Families such as:

- o scholarships for meritorious students,
- o extension of medical facilities,
- o marriage grants,
- o subsistence grants,
- o support for income generation schemes for cooperative and self-help groups,
- o seed, pesticides and fertilizer subsidies, and irrigation support.

Besides the additional provisions mentioned above, the normally applicable provisions of the National Policy on Rehabilitation and resettlement, currently in force, would be applicable.



NTPC Ltd

Summary of Revised Cost Estimate-I (RCE-I) for Mauda STPP Stage-I (2x500 MW)

The Investment Approval of Mauda STPP Stage-I (2x500 MW) was approved by NTPC Board on 26.11.2007 at a Current Estimated Cost of Rs 5459.28 Crore including IDC & FC of Rs 526.34 Crore and WCM of Rs 102.27 Crore as of 4th Qtr 2007 price level and corresponding Indicative Completed Cost of Rs 6010.19 Crore including IDC & FC of Rs 559.69 Crore and WCM of Rs 106.94 Crore.

Subsequently, Competent Authority in November 2014 approved the Revised Cost Estimate (RCE-I) of Mauda STPP-I (2x500 MW) as of 3rd Qtr 2014 price level at a cost of Rs 7091.42 Crore (incl. IDC & FC, WCM & ERL). The break-up is as under:

(Rs. in Crore)

Sl. No.	Description	Investment Approval Current Cost (4 th Qtr 2007)	Investment Approval Completed Cost	RCE-I Cost (3 rd Qtr 2014)
1	Project Cost (Excl. IDC & WCM)	4830.67	5343.56	5763.77
2	IDC & FC	526.34	559.69	735.90
3	WCM	102.27	106.94	245.19
4	ERL			346.56
5	Project Cost incl. IDC, WCM & ERL	5459.28	6010.19	7091.42

V.V. Sivakumar

General Manager (Commercial)

Summary of Details of Water Charges for Mauda Stage-I (1000 MW) and Mauda Stage-II (1320 MW)						
Name of the Company :	NTPC Limited					
Name of the Power Station :	Mauda Stage-I (2x500 MW) and Mauda Stage-II (2x660 MW)					
Particulars	Unit	2019-20	2020-21	2021-22	2022-23	2023-24
Contracted Water Qty (Mauda STPS: 2320 MW)	MCM	100.00	100.00	100 MCM (upto 02.06.2021); 75 MCM from 04.06.2022 onwards	75.00	75.00
Allocated Water Qty for the Year (Mauda STPS: 2320 MW)	MCM	34.00	30.00	33.00	35.00	35.00
Actual water Consumption (Mauda STPS: 2320 MW)	MCM	30.62	20.30	30.84	21.82	26.44
Rate of Water Charges (Industrial water)	Rs/ cu.m.	5.25/ 5.76	5.75/ 6.24	6.24/ 6.72	6.72/ 11.00	11.00/ 12.10
Rate of Water Charges (drinking water)	Rs/ cu.m.		0.180/ 0.195	0.195/ 0.210	0.210/ 0.550	0.350/ 0.605
Total Water Charges (Mauda STPS: 2320 MW)	Rs Lakhs	2250.76	2218.85	2594.28	3929.10	5383.55
Total Water Charges paid for Mauda-I (1000 MW) (prorate on installed capacity)	Rs Lakhs	974.87	956.40	1118.72	1693.59	2310.50
Total Water Charges paid for Mauda-II (1320 MW) (prorate on installed capacity)	Rs Lakhs	1286.30	1262.45	1476.06	2235.52	3063.05
						Petitioner

Table of Actual Water Charges for Sewer STS (200-MG) for the period 2018-21

Sl. No.	Financial Year	Contracted Water Qty (MCM)	Monthly Allocated Water Qty (MCM)		Actual Water Consumption (MCM)		Total Actual Water Consumption (MCM)	Water Qty available for payment (20% of production or actual consumption, whichever is higher) (MCM)		Rate of water for industrial use (Rs/Cum.)	Rate of water for drinking (Rs/Cum.)	Water charges including water cost @ 20% (Rs. Lakh)		Total Water charges including water cost (Rs. Lakh)	Commitment Charge as per Agreement @ 1% (in thousands of Contracted Qty and Payment Qty) (Rs. Lakh)	Total Water Charge paid to WCD, Govt of Maharashtra (Rs. Lakh)	adjustments (Rs. Lakh)	Final Water Charge deemed for Sewer STS (200-MG) (Rs. Lakh)		
			Plant Operations	Drinking Water	Plant Operations	Drinking Water		Plant Operations	Drinking Water			Plant Operations	Drinking Water						Plant Operations	Drinking Water
1	2017-20 (April-June)	50.00	Nil		12.40	0.00	12.40	20.40	0.00	0.30	0.30	408.00	0.00	408.00	0.50	79.80	-20.17	1,097.79		
	2018-21 (July-Sept)		19.00	0.00	19.00	0.00	19.00	0.00	0.70	0.70	1,070.00	0.00	1,070.00	0.00	1,070.00					
2	2017-18 (April-June)	100.00	20.00	0.00	2.00	0.00	2.00	6.00	0.00	0.70	0.70	400.00	0.00	400.00	0.00	400.00	0.00	1,118.00		
	2018-21 (July-Sept)				10.44	0.00	10.44	0.00	10.44	0.00	0.04	0.04	1,400.00	0.00	1,400.00	0.00	1,400.00			
3	2018-21 (April-June)	200.0000 20.00.2018 20.00.2018 K.A.T (24.00.2018)	20.00	0.00	7.00	0.00	7.00	7.00	0.00	0.04	0.04	287.00	0.00	287.00	0.00	287.00	0.00	1,094.20		
	2019-21 (July-Sept)	11.70			0.00	11.70	0.00	11.70	0.00	0.71	0.71	1,004.00	0.00	1,004.00	0.00	1,004.00				
4	2017-20 (April-June)	70.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	130.00	0.00	130.00	0.00	130.00	0.00	1,000.00		
	2017-20 (July-Sept)				11.70	0.00	11.70	0.00	11.70	0.00	1.00	1.00	1,000.00	0.00	1,000.00	0.00	1,000.00			
5	2017-20 (April-June)	70.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00	1,100.00	0.00	1,100.00	0.00	1,100.00	0.00	1,000.00		
	2017-20 (July-Sept)				17.40	0.00	17.40	0.00	17.40	0.00	11.10	0.00	1,000.00	0.00	1,000.00	0.00	1,000.00			



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AGREEMENT

(For non-irrigation water supply)

An agreement made on 1st day of January Month 2018 between NTPC LIMITED, a Govt of India Enterprise (which expression herein after referred to as the company shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include its successors and assigns) registered under the Indian Companies Act 1913(VII of 1913), the companies act, 1956(I of 1956) and having its registered Office at NTPC Bhavan, Corb 7, SCOPE Complex 7, Institutional area, Lodhi Road, New Delhi: 110003 having its project Office at Mouda Super Thermal Power Project, Mouda Ramtek Road, PO: Mouda, Dist. Nagpur, Maharashtra Pin-441104(herein after referred to as 'NTPC') of the one part and Governor of Maharashtra hereinafter referred to as 'the Government' (which expression shall unless


Gr. General Manager
NTPC Ltd. Mouda STPP
Mouda Nagpur


Executive Engineer
Gosikhurd Dam Division
Wani (PALM)



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उपरोक्तान्त कार्यालय, मोंदा
 मुद्रित मुद्रादि दि.
 - 8 NOV 2017
 कार्यालय, मोंदा

excluded by or it be repugnant to the context or meaning thereof be deemed to include his successors and assigns) of the other part.

Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) on behalf of Executive Director, Vidarbha Irrigation Development Corporation, Nagpur, Govt. of Maharashtra undertaking hereinafter referred to as VIDC (which expression shall unless excluded by or it be repugnant to the context or meaning thereof i.e., deemed to include his successors and assigns) of the other part.

Whereas the NTPC has constructed a pumping station on the land at Pipri Village near Mouda for drawing water from the Gosikhurd Reservoir (hereinafter referred to as 'the said source') for the use by the NTPC (1000+1320 = 2320 MW) Thermal Power Project at Mouda District,


 Gr. General Manager,
 NTPC Ltd. Mouda STPP
 Mouda Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 Wahi (PAUNI)



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Nagpur (hereinafter referred as "the said plant") and laying underground and surface pipes and Drains for drawing water from the said source.

And whereas the NTPC has applied for permission to draw 100 MCM of water per year from the said source and got necessary permission vide Letter No. MISC/1008/(287)08/IM (P) dated 08.06.2008 from Water Resources Department, Govt. of Maharashtra.

And whereas the NTPC-Mouda has to pay water charges applicable from time to time as prescribed by Government of Maharashtra.

And whereas the VIDC has agreed to grant the aforesaid permission to the NTPC-Mouda on the terms and conditions hereinafter appearing


 General Manager,
 NTPC Ltd. Mouda STPP,
 Mouda, Nagpur


 Executive Engineer
 Guskhurg Dam Division
 Wahi (PAUN)



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And whereas under the said terms and conditions the NTPC-Mouda has to deposit with the Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) to the VIDC a sum of Rs. 533.12 Lakhs (Rupees Five hundred, thirty three point twelve lakhs only) as security equivalent to 2 months NTPC's probable annual water charges based on the rate of Rs. 32/- per ten thousand litre yearly sanctioned (i.e. ~ 16.67 MCM) and as communicated in cash, cheque or Demand Draft issued by a scheduled / nationalized bank having its main / branch office situated locally for the due observance and performance by the NTPC-Mouda of the terms & conditions of this Agreement. Charges for domestic (for NTPC Mouda township) will be Rs 32 per ten thousand litre


 General Manager,
 NTPC Ltd. Mouda STPP
 Mouda Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 Wahi (PAUNI)



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AND WHEREAS the NTPC has accordingly prior to the execution of these, presents deposited Demand Draft No: 981433 dated: 16/08/2011 with the Government Rs 533.12 Lakhs (Rupees Five hundred, thirty three point twelve lakhs only) as security for the due observance and performance by the NTPC of the terms and conditions herein contained. It has been agreed by VIDC to carry forward this same deposit amount for this new agreement.

AND WHEREAS it has been agreed that the said amount will not carry any interest if deposited in cash/ Cheque/Demand Draft.

Definitions:

Quota: Quota means yearly demand sanctioned and communicated to NTPC by the Government Of Maharashtra.


 Gr. General Manager,
 NTPC Ltd. Mouda STPP
 Mouda Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 War (PAUNI)



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Corporation: Corporation means Vidarbha Irrigation Development Corporation, Nagpur (VIDC)


MJP: MJP means Maharashtra Jeevan Pradhikaran.

Yearly Applicable demand: Yearly Applicable demand means the water demand communicated by the USER for the period from 1st April to 31st March to the VIDC and Sanctioned by Executive Engineer, Gosikhurd Dam Division, Wahli (Pauni) every year in the month of May.

User: User means water-using agency, NTPC Mouda.

Executive Engineer: Means Executive Engineer, Gosikhurd Dam Division, Wahli(Pauni)

NOW THIS AGREEMENT WITNESSTH AS FOLLOWS.


Gr. General Manager,
NTPC Ltd. Mouda STPP
Mouda, Nagpur


Executive Engineer
Gosikhurd Dam Division
Wahli (PAUNI)



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3. (a) In consideration of the NTPC-Mouda making payment to the VIDC as hereinafter specified and observing and performing the convenience and conditions herein contained, VIDC do hereby grants to the NTPC permission to draw following quota of water for the specified purpose. Total sanctioned quota for Industrial and domestic(for NTPC Mouda townshipp) use, 100 MCM per annum.

Sr. No.	Description /use	Quantity (MCM per year)
1	Total sanctioned quota	100
1.1	For Industries, which use water as a raw material for preparation of cold drinks, minerals water etc.	NIL
1.2	For industries other than sr.No.1.1	99.5
1.3	For domestic use	0.50


 Gr. General Manager,
 NTPC Ltd. Mouda STPP
 Mouda Naggur


 Executive Engineer
 Gopikhud Dam Division
 Wanf (PAUNI)



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 - ४ NOV 2017
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1.4	For agriculture use (nursery/gardening) within the Company's premises	NIL
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And use the same for the purpose of the NTPC's said plant for supply to industrial and domestic (for NTPC Mouda township) use for a term of **six years (6)** commencing from date of this agreement, on the following terms and condition:

(b) The Industrial water requirement as raw material and the Domestic water requirement of the NTPC-Mouda as demanded **deemed to be separate and independent for the sole purpose** and water charges assessment shall be accordingly separate and independent for other clauses of this agreement.

(c) Within the limits of permitted quota the NTPC-Mouda is permitted to give its phase wise water utilization schedule as an annexure to this Agreement. This phased water utilization scheduled will be on yearly basis. For this purpose year will start from 1st day of APRIL.


 G. General Manager
 NTPC Ltd. Mouda STPP
 Mouda Nagpur


 Executive Engineer
 Gosikhola Dam Division
 Warli (PAUNI)



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 मुद्रांक नं. १६/१६
 Date No. १६/१६

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 मुद्रांक पुस्तक क्र.
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 जलसंधारण विभाग, नंदेड

2. The permission hereby granted shall be subject to the provision of the Maharashtra Irrigation Act, 1976, the Bombay Canal Rules 1934, MWRRRA Act, 2005 read with MWRRRA (Amendments and Continuance) Act, 2011 of 22/04/2011 and subsequent revisions, if any, in force and any executive orders issued in this behalf by Government and any statutory amendment thereof from time to time and for the time being in force.

3. Nothing herein contained shall be deemed to imply any guarantee on the part of the VIDC as to the availability or otherwise of any specific quantity of water and VIDC shall not be responsible for the non-supply or inadequate supply of water on account whatsoever. However, in case of inadequate or non-supply due to shortage of water for reasons beyond the control of the VIDC, bill shall be charged as per actual quantity of water lifted/supplied during such period.


 Gr. General Manager,
 NTPC Ltd. Mouda-STPP,
 Mouda, Nagpur


 Executive Engineer,
 Goshkhulp Dam Division,
 Warh(PALINI)



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मौदा नगरे ३९९०३ १०/११/१६
 म. न. वि. नि. मौदा
 कोड



4. The NTPC-Mouda shall use the water drawn from the said Source for purposes of the NTPC's said Plant and domestic purpose (for NTPC Mouda Township). The NTPC-Mouda shall not sell the water from the said source to any other person, firm or company, corporation or other body. In the event of the NTPC-Mouda selling water drawn from the said source, then the VIDC without prejudice to its right shall forthwith revoke the license. VIDC shall be entitled to recover from the NTPC to proceed of any such sale made by the NTPC.

5. VIDC shall be entitled to utilize water of the said Source available after meeting the reasonable requirements of the NTPC, as to which matter the decision of the VIDC shall be final and binding on the NTPC, for such purpose as VIDC deems fit.


 G. General Manager
 NTPC Ltd Mouda STPP
 Mouda, Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 WMD (PAUND)



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सो. दिने ३१/०५/१६
 म. नं. ५५२/२०१६
 को. नं. ५५२/२०१६
 को. नं. ५५२/२०१६

उपरोक्तानुसार अर्जावरून, गौदा
 मुळात पुनरुत्पादन
 - ४ NJ/ 2017
 उपरोक्तानुसार अर्जावरून, गौदा

(a) As per Govt. of India directives on usage of suitable treated water, it is binding on NTPC Mouda to use treated water for thermal power plant and the sources/ availability of the suitable treated water either from Nagpur Municipal Corporation or from other sources as decided by Govt. of Maharashtra.

(b) During the agreement period, whenever the availability of suitable treated water is revealed, the NTPC Mouda has to use that source as priority. That much quantity of water which will be made available from treated water source will be deducted from the current reservation.

5. The permission hereby granted shall not in any manner prejudicially affect the existing water rights vested in the upstream riparian owners; nor shall it in any way, prejudice VIDC's

G. General Manager,
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 Mouda Naggur

Executive Engineer
 Goshikhard Dam Division
 Ward (PAUNI)



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right to here after launch or implement in public interest any new, of its scheme or schemes on its own, or in connection with the present source of channel of water supply available to the company, subject however to the safe guarding of its reasonable demand referred to in clause (5) above. The NTPC shall not construct any pick up weir in the Wainganga River.

7 (a) For ascertaining the quantity of water drain by the NTPC, the NTPC shall forthwith at its own cost and duly obtaining prior approval in writing thereto of the VIDC install independent pipelines fitted with separate electronic water measuring devices for use of water for the said independent intention (hereinafter referred to as "the said electronic measuring devices") at such places as is indicated by Executive Engineer. All the pipeline layout showing locations of the metering equipments from the said source for different purposes shall be got jointly verified and got approved from Executive Engineer,


Gr. General Manager,
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Mouda, Nagpur


Executive Engineer
Gosikhurd Dam Division,
Wash (RAUNI)



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 जारी करी - वाही

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(this activity is done earlier hence not required) Layout from the said source shall be got approved from the Chief Engineer (this activity is done earlier hence not required). No changes in the approved layout shall be made without the prior written approval from Executive Engineer Gosikhurd Dam Division, Wahli (Pauni). In the event of the NTPC-mouda failing to install and keep in proper working order the said electronic measuring devices for use of water for the said plant as aforesaid, the NTPC shall be liable to pay for the full sanctioned water quota as mentioned in clause 7 (d) i and ii. During such period, 125% of the proportionate sanctioned quantity will be charged at the prevailing rates for the said plant. The said electronic measuring devices shall always be kept under the lock and seal of the Executive Engineer, Gosikhurd Dam Division, Wahli (Pauni) and the key of such lock shall at all times remain with the Executive Engineer, Gosikhurd Dam Division, Wahli (Pauni). The company shall at all times during the subsistence of this agreement at its own cost maintain the said electronic


 Gr. General Manager,
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 Mouda, Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 Wahli (PAUNI)



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 जलसंधारण आयोग, मोटा

measuring devices in proper working order and condition.

(b) Readings for the water so drawn by the NTPC will be taken on the said electronic measuring devices, on the **last day** of each month/ at agreed times, jointly by the authorized representatives of the Executive Engineer and of the NTPC-Mouda.

(c) If at any time in the opinion of the Executive Engineer the said electronic measuring devices are found defective, the same shall be tested for its accuracy and the cost of such testing shall be borne and paid by the NTPC-Mouda. If on such testing the said electronic measuring devices are found to be defective the NTPC shall forthwith get the same repaired and set right at its own cost and in the event of NTPC failing to do so within **30 (thirty) days** thereafter the Executive Engineer may proceed to do so on account and at the cost of the NTPC.


 Gr. General Manager
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 Mouda, Nagpur


 Executive Engineer
 Gesikhurd Dam Division
 Wahi (PALNI)



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सौ. ठाकरे
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उपकावापर कार्यालय, बीदा
 मुद्रांक पुस्तक क्र. -
 - ८ NOV 2017
 सप्तकोवागर कार्यालय, बीदा

(d) In the event of the said electronic measuring devices going out of order and becoming defective the quantity of water drawn by the NTPC during the period when the meter was defective and not working shall be ascertained in the following manner:

(i) If the said electronic measuring devices remain out of order for a period of less than 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken on proportionate basis on 90% of the yearly sanctioned demand as communicated in Clause No. 1 or average for the last six months whichever is higher.

(ii) If the said electronic measuring devices remain out of order for a period exceeding 30 days then the quantity of water deemed to be drawn by the USER during the said period shall be taken to be 125% of the yearly sanctioned demand as communicated in clause No.

Gr. General Manager
 NTPC Ltd. Mouda STPP
 Mouda, Nagpur

[Handwritten Signature]

Executive Engineer
 Gosikhurd Dam Division
 Warli (PAUN)



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1 or average for the last six months' whichever is higher. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provisions will also apply when the quantity of water drawn by the NTPC cannot be measured on account of removal of the said electronic measuring devices for repairs or the same in the opinion of the Executive Engineer not working properly.

(ii) If electronic meter meant for domestic or for industrial use is not fitted or remains out of order or is removed the water charges will be levied as per the rates specified for the industrial use for the total quota as referred to in clause 1 (a) of this agreement.

B. Billing should be done on monthly basis. The bill for the water drawn by the NTPC during


 Gr. General Manager,
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 Mouda Naggur


 Executive Engineer
 Goshkund Dam Division
 Warli (PAUNI)



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the previous calendar month shall be sent in duplicate / triplicate by the Executive Engineer to the office of the NTPC within 15 days after the end of the water consumption month. As per Central Govt Norms the applicable GST Charges (earlier Service charges) on water bills will be borne by Users (i.e.NTPC). The NTPC shall thereafter duly pay the same by online e-payment or a demand draft drawn in the name of the Executive Engineer Gosikhurd Dam Division, Wahi (Pauni) for and on behalf of the VIDC within a fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the NTPC fails to pay the amount within this stipulated time (15 days from the date of receipt of the bill i.e. before the end of the current month) extra charge not exceeding 10% per annum of the amount due will be charged. If the delay in payment of water Charges exceeds six months, VIDC reserves the right to terminate the water supply with a notice of 15 days in advance.


 Gr. General Manager,
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 Mouda, Nagpur


 Executive Engineer
 Gosikhurd Dam Division
 Wahi (PAUNI)



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 - 8 NOV 2017
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9. The cost of all works in connection with the arrangements for water supply including the cost of measuring devices and its installation and maintenance, shall be borne by the NTPC.

10. Subject to the provisions of clause (7) hereof, the NTPC shall pay to VIDC at the time and in the manner specified in clause (11) hereof water charges for the quantity of Water drawn by the NTPC from the said source as measured by the said electronic measuring devices at the following rates, namely:-

If utilization is as per the phased planning the water charges will be as per applicable rates -100 MCM water annually for 2320MW NTPC, Mouda. Water used for Industrial purpose will be charged at the rate of Rs 32(Rupees Thirty Two only) per 10,000 Liters, which is subject to revision in future by VIDC/Govt. from time to time. Water used for domestic (for NTPC

Gr. General Manager
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Executive Engineer
 Gosikhind Dam Division
 Warli (PAUNI)



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 Code No. 06/11



Mouda Township) purpces will be charged at the rate of 32 per 10,000 Liters, which is subject to revision in future by VIDC/Govt. from time to time. The domestic component of industrial use of water will be charged at appropriate rates as decided by the VIDC/Govt.

II. If utilization is \rightarrow 10% of sanctioned quantity, the differential quantity will be charged at 1.5 times the applicable rates.

III. In addition to above, Royalty/commitment charges at 5% of applicable charges, shall be payable on sanctioned quota less agreed phased quota of water.

For any unforeseen reasons, if the NTPC like to reduce/increase the demand of water made earlier / entered in the agreement, they will be required to make the revised annual demand (Financial Year), the NIPC will be charged as per changed demand for period specified, other

Gr. General Manager,
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 Mouda, Nagpur

Executive Engineer
 Gokhurd Dam Division
 Waj (PAUNI)



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conditions remaining same. A supplementary agreement on 100 Rs. Stamp paper for this changed quantity, which will form part of main agreement.

IV. In addition to the payment of water charges referred to above the NTPC shall also pay to the Govt. local fund tax/ cess @ 20 paise per every rupee of basic water charges.

11. (a) The NTPC shall pay to the VIDC the water rates and local fund cess/taxes either in advance every month on the basis of anticipated quantum of water to be drawn by it from the said source during the next months. On default of the USER to pay the water rate or local fund cess/tax as aforesaid vide clause 8 & 10, VIDC shall without prejudice to its any other rights and remedies entitled to terminate this agreement forthwith as per clause No.8.


 Gr. General Manager,
 NTPC Ltd. Mouda STPP
 Mouda, Nagpur


 Executive Engineer
 Goshpur Dam Division
 Wahi (PAUNI)

(b) In the case of disputes regarding quantity of water billed or rate at which the bill is prepared the NTPC water user shall first pay the complete amount of the bill and then claim for refund of any excess bill charged giving the reasons / justification of wrong billing. However, the decision of Superintending Engineer, Gosikhurd Project Circle, Nagpur in this regard shall be final and binding on the NTPC.

12. VIDC hereby reserves to itself the right to revise from time to time the water rates and local fund cess/tax and NTPC shall pay the revised water rates and local fund cess/tax as may fixed by VIDC / Water Resources Department from time to time.

13. The company shall discharge the effluent only after treatment to desired standards of Maharashtra Pollution Control Board (MPCB). Company shall get its effluent examined from MPCB/designated agency and submit the relevant certificate/Report to Executive Engineer quarterly. The company will be charged at applicable rates only if it regularly submit the certificate of MPCB stating that effluent meets the MPCB standards.

If the company fails to submit MPCB certificate/ Reports or effluent does not meet MPCB standards than 5% penal charges will be applicable for next 3 months. And at the end of three months water supply will be closed.

Government also reserves the right to call for list of water polluting companies. If Government finds that effluent of the company is not meeting MPCB standards, then Government will give three months' notice to company to cure the default. During this cure period, company will be charged at rate twice the applicable rates. And if company fails to cure the default, the water supply will be stopped at the end of 3 months.

The company shall recycle the effluent water for their use such as gardening recreation cooling, Cleaning, washing and manufacturing process etc. so that at least 50% reduction in consumption of fresh water is achieved.

14. The effluent disposal arrangement made by the NTPC shall be got approved by the NTPC from the Maharashtra Pollution Control Board / Environmental Department of the Govt. prior/Designated agency to commencing the operation of pumping/drawing water from the Source.


Gt. General Manager,
NTPC Ltd, Mouda STPP
Mouda, Nagpur.


Executive Engineer,
Gosikhurd Dam Division
WRII (PAULI)

15. The NTPC shall at all the times allow an officer of VIDC authorized in that behalf to inspect the said works as well as the accounts and copies taken of entries from the records maintained by the NTPC.

16. Any notice or other document to be given to or served upon the NTPC may be given or served on behalf of the VIDC by the Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) and any such notice or document deemed to have been duly given to or served upon the NTPC or sent by registered post to the registered NTPC if it is delivered at the registered Office Of the NTPC or sent by registered post to the registered address for the time being of the NTPC.

17. The said sum of Rs 533.12 Lakhs deposited in the form of Demand Draft No: 981433 Dated: 16/08/2011, by the NTPC with the Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) to the VIDC as aforesaid shall be held by the VIDC as security for the due observance and performance by the NTPC of the covenants, terms and conditions herein contained, during the period of this contract. In case of default on the part of the NTPC to perform and observe any of the said covenants terms & conditions it shall be lawful for the VIDC in its absolute discretion to forfeit the whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the VIDC may have against the NTPC under these presents for such breach and the NTPC shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. On expiry of the terms of this agreement, the said security deposit of Rs. 533.12 Lakhs (Rupees Five Hundred, thirty Three point twelve lakhs only) or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the NTPC.

18. All amounts due to the VIDC by the NTPC under this agreement shall be deemed to the arrears of land revenue and may without prejudice to any other rights and remedies of the VIDC be recovered from the NTPC as arrears of land revenue.

19. On the expiry of the term of this agreement (As per clause-1), VIDC may renew this agreement within 90 days for such further period and on such terms conditions, as VIDC/ Government may at its absolute discretion deem fit.



Gr. General Manager,
NTPC Ltd, Mouda STPP
Mouda, Nagpur



Executive Engineer
Gosikhurd Dam Division
Wahi (PAUNI)

20. The costs incurred in the execution of the incidental charges for this agreement including stamp duty shall be borne and paid by NTPC. Permission for extra water over and above the sanctioned quota will be granted only when the written permission for expansion etc. is produced by the NTPC from the Industrial Department.

21. The agreement supersedes all the previous agreements (if any) entered into by the USER with the VIDC in connection with the supply of water from **Gosikhurd Reservoir**.

22. The NTPC should submit their water indent for every rotation to Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni), on or before starting of the rotation where the source is located on canal. The NTPC should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.

23. IF THE NTPC COMMITS A BREACH OF ANY OF THE TERMS AND CONDITIONS THEREOF VIDC SHALL BE ENTITLED TO CANCEL THIS PERMISSION AND DISCONTINUE THE SUPPLY OF WATER WITHOUT PAYMENT OF ANY COMPENSATION WHATSOEVER TO THE NTPC.

24. The Industrial Water Reservation convention issued by Chief Engineer, Gosikhurd project, Water Resources Department, Nagpur vide letter No. 3660 / CEGP / T (2/2) / Gosi / NTPC / 2009 Dated: 16.10.2009 is a part of this agreement (Copy attached herewith separately).

25. The VIDC hereby reserves to itself its right to change / amend / modify / cancel / revise any of the terms & conditions, rules and regulations of water management and Maharashtra Irrigation Act and rules laid under them, which shall be applicable for this agreement.



Gr. General Manager,
NTPC Ltd, Mouda STPP
Mouda, Nagpur.



Executive Engineer
Gosikhurd Dam Division
Wahi (PAUNI)

In WITNESS WHEREOF THE common seal of the NTPC LIMITED has been hereunto affixed

AND THE Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) has for and on behalf of the VIDC hereto set his hand, affixed seal of his office the day and year first herein above written THE COMMON SEAL OF NTPC LIMITED.

The NTPC hereto affixed

Who in token thereof has hereto set his common seal in presence of

1. P. D. Chavare 
Sub-Divisional Officer
Gosikhurd Colony & Saram Sub Div,
Gosikhurd

2. P. U. Bonistkar 

SIGNED SEALED AND DELIVERED BY THE Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) for and on behalf of the VIDC/Governor of Maharashtra in the presence of

1. V. M. Chaudhary 

2. N. SRINIVAS 


(Raj Kumar)
Gr. General Manager
NTPC Ltd. Mouda STPP
Mouda, Nagpur




(R. D. Hatwar)
Executive Engineer,
Gosikhurd Dam Division
Wahi (PAUNI)



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मा. न्या. २
 मालती तिघरे
 पुस्तक विक्रेता
 संपन्न नं. २६/११
 Code No. 4611...2

पुस्तक विक्रेता
 ना. पुस्तक विक्रेता
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YF 431433
 उपस्थितता प्रमाणित, मीरा
 पुस्तक विक्रेता वि.
 26
 मीरा

This amendment is made and entered into this 26th day of July by NTPC LTD. Mouda Super Thermal Power Station and Gosikhurd Dam Division, Wani(Pauni) parties to the Agreement on 01st January 2018. (here in after referred to as this Amendment No.1)

Now, herein the Agreement is amended to incorporate the following change in the Original Agreement:

In pursuant to clause 1(a) "Total sanctioned quota" of Main Agreement dated 01.01.2018, we hereby declare that total sanctioned quota for Industrial and domestic (for NTPC Mouda township) use, has been amended to 75 MCM per annum.


 इति प्रमाणित जेसी
 RAJESH G. SHARMA
 4415H
 Gosikhurd Dam Division
 Wani (Pauni)



 27/7/2021
 (Rajesh G. Sharma)
 Executive Engineer
 Gosikhurd Dam Division
 Wani (Pauni)

Sr. No.	Description /use	Quantity (MCM per year)
1	Total sanctioned quota	75
1.1	For Industries, which use water as a raw material for preparation of cold drinks, mineral water etc.	NIL
1.2	For industries other than sr.No.1.1	74.5
1.3	For domestic use	0.50
1.4	For agriculture use (nursery/gardening) within the Company's premises	NIL

Total sanctioned quota is applicable w.e.f. 4th June-21 (Vide Water Resources Department, Govt. of Maharashtra's Marathi letter no. क्रमांक- सविर्ण/२०२१/२६/२०२१/सिवं (पी-२) दिनांक ०४/०६/२०२१) and will remain valid till 31st Dec-2023 (till validity of Main agreement).


Except as set forth in this Amendment, the Agreement is unaffected and shall continue in full force and effect in accordance with its terms.



 हरि प्रसाद जोशी
 Group General Manager
HARI PRASAD JOSHI
 Group General Manager
 W&P (Pune)


 27/04/2021
 (Rajesh S. Sharma)
 Executive Engineer
 Gashand Dam Division
 W&P (Pune)


IN WITNESS WHERE OF, the parties have executed this Amendment by having their representatives affix their signatures below.

For and behalf of NTPC Ltd., Mouda Super Thermal Power Station.....

Witness-1:  V.M. Choudhary
AGM (EEMR) NTPC Mouda.

Witness-2:  Seema Deo
Sr. Mgr. (EEMR) NTPC Mouda

For and behalf of VIDC, Nagpur.....

Witness-1:  D.R. Patil, Junior Engineer,
Gosikhind Dam Division,
Wahi (Pauri).

Witness-2:  H.H. Gobate (J.E.)
Gosikhind Dam Division,
Wahi (Pauri).

महाराष्ट्र शासन

कार्यालय-सविभाग, २०२२०, २१/२०२१/मिन्ध (धो-२)

कार्यालय मिन्ध,
महाराष्ट्र शासन, धो-२,
मुंबई (महाराष्ट्र शासन)
सविभाग, मुंबई २००-४११
दिनांक २०/१२/२०२१

प्रति,

कार्यालयी संयोजक,
विदर्भ पाठशेखरे विकास प्रायोजक,
नागपूर

विषय :- गोवीसुंद राष्ट्रीय प्रकल्प मे इन. टी. पी. सी. वि. बोर्ड यांचा मोठा संधी गोवीसुंद प्रकल्पाचे अन्वयस्थान म्हणून १०० टक्के स.पी. संधी प्रकल्पप्रयोजक अन्वयस्थानचे गुणवत्करण करण्याबाबत .

संदर्भ :- १) कार्यालयी संयोजक, नागपूर यांचे पत्र क्र. ११८००/विदर्भवि.प्रकल्प-११८० (पत्र क्र. १४/२०१८/INTIC/२०१८ दि. ३०/१२/२०१८)
२) कार्यालयी पत्र क्र. सविभाग-२०२१/२०/२१/मिन्ध (धो-२) दि. २०/१२/२०२१
३) कार्यालयी संयोजक, नागपूर यांचे पत्र क्र. २४६४/विदर्भवि.प्रकल्प-११८० (पत्र क्र. १८/२०२१/INTIC/२०२१ दि. १०/१२/२०२१)

संदर्भित पत्र क्र. ३ सा अनुषंगाने मे. इन.टी.पी.सी. वि. परिषद व्हा. मुंबई येथील महाराष्ट्र मेलनायनाचे मोठा विद्युत राष्ट्रीय अधिकांक वर्ग प्रयोजक (एन.टी.पी.सी.) संधी २०२० मे. व्हेट शासनेच्या अधिकांक विदर्भवि.प्रकल्पप्रयोजक म्हणून १०० टक्के संधी (MCO) विना मिथुन संधी अन्वयस्थान म्हणून ३० टक्के संधी आरक्षण कायदाखाली प्रकल्प कार्यालय मंत्राली देण्यात येत आहे.


(संयोजक मिन्ध)

अधिकार अधिकारी यांचे आ. सविभाग

आप - १) मुंबई अधिकांक गोवीसुंद प्रकल्प, अन्वयस्थान विदर्भ, नागपूर
२) मिन्ध (धो) कार्यालयी संयोजक



महाराष्ट्र MAHARASHTRA

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TZ 649769

सौ. अजय रे
 सहायक निदेशक
 नृदाह विभाग, नौरा
 महाराष्ट्र राज्य
 Code No. 100/1000

एडव. 94/2019 ए
 दिनांक 25/03/2019
 मंडल
 सौ. अजय रे



Name of Work:- Yearly agreement for supply of Non- Irrigation water to NTPC, Mouda Project.

Date Of Main Agreement : 01.01.2018.

Original Demand Quantity of Water Sanctioned : 100 MCM.

In pursuant to clause "Yearly applicable demand" of Main agreement dated 01.01.2018, we hereby declare Yearly demand for the FY 19-20 as

Demand For Financial Year : 34 MCM
(1st April 2019-31st March 2020)

With terms & condition, in line with Bulk water rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State, dated 11.01.18 by Maharashtra Water Resources Regulatory Authority

अलोके गुप्ता
 अ. सहायक निदेशक
 ALOKE GUPTA

Kaha

This shall form part of main agreement and all other terms and condition shall remain same as the main agreement.

This Yearly agreement is made for the water requirement of NTPC Mouda for the financial year 2019-20 with Executive Engineer, Gosikhurd Dam Division, Wahi, (Pauri) in the presence of

1) V. M. CHOUDHARY
AGM (EEMG).
MOUDA STPP, NTPC

V. M. Choudhary
24/11/19

2) P. D. CHAWARE
SECT. ENGR.
G. C. & S. Subd.
Gosikhurd.

P. D. Chaware

Aloke Gupta

आलोक गुप्ता
ग्रुप मैनेजर
ALOKE GUPTA
Group General Manager
एनटीपीसी लिमिटेड, मूदा-हगपुर
NTPC Limited, Mouda-Hagpur.

R. G. Sharma
(R. G. SHARMA)
Executive Engineer
Gosikhurd Dam Division
Wahi (Pauri)



महाराष्ट्र MAHARASHTRA

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VP 953259

Handwritten notes in a table format:
मालती विहार = 268
मालती विहार = 30/07/2020
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मालती विहार = मालती
Code No. 4011201

उपलब्धता कार्यालय पोदा
मुद्रण पुरातन वि.
18 MAR 2020
उपलब्धता कार्यालय पोदा

Name of Work: Yearly Agreement for supply of Non Irrigation water to NTPC, Mouda Project.

Date of Main Agreement: 01.01.2018

Original Demand Quantity of Water Sanctioned: 100 MCM

In pursuant to clause "Yearly applicable demand" of Main Agreement dated 01.01.2018, we hereby declare Yearly Demand of Water for Industrial Use as 29.50 MCM and for Domestic Use as 0.50 MCM for Financial Year 2020-21 (1st April'20 to 31st March'21).

With terms & condition, in line with Bulk water rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State, dated 11.01.18 by Maharashtra Water Resources Regulatory Authority.

Handwritten signature/initials.


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This shall form part of Main Agreement and all other terms and conditions shall remain same as the Main Agreement.


This yearly agreement is made for the water requirement of NTPC Mouda for the Financial Year 2020-21 with Executive Engineer, Gosikhurd Dam Division, Wahli (Pamri) in the presence of


NTPC, Mouda

मुख्य प्रबंधक
सुख पावर
DILEEP KUMAR
Chief General Manager
पश्चिम मंडल, मीठ-मण्डल
NTPC Limited, Mouda-Nagpur


Executive Engineer
Gosikhurd Dam Division
VIDC, Nagpur Wahli (Pamri)

Witness-1:


(RAHUL BHATT)
NTPC MOUDA.


Assistant Engineer Grade-1
Gosikhurd (Pamri) & Blore,
Sub. Div. Division, Gosikhurd

Witness-2:



महाराष्ट्र MAHARASHTRA

2020

XP 237760

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11-11-11-11-11-11-11

11-11-11-11-11-11-11
11-11-11-11-11-11-11
11-11-11-11-11-11-11

Name of Work: Yearly Agreement for supply of Non Irrigation water to NIPC, Mouda Project.

Date of Main Agreement: 01.01.2018

Original Demand Quantity of Water Sanctioned: 100 MCM

In pursuant to clause "Yearly applicable demand" of Main Agreement dated 01.01.2018, we hereby declare Yearly Demand of Water for Industrial Use as 32.50 MCM and for Domestic Use as 0.50 MCM for Financial Year 2021-22 (1st April '21 to 31st March '22).

With terms & condition, in line with Bulk water rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State, dated 11.01.2018 and its 2nd extension vide Marathi letter no. मजनिप्रा /2020/जलदेव (20-23)/ मुदतवाढ / 10 दि. 05.01.2021 by Maharashtra Water Resources Regulatory Authority,

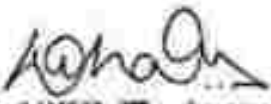
हरि प्रसाद जोशी
HARI PRASAD JOSHI
Group General Manager
Publicity Office, WRA, Nashik


Executive Engineer
Gosikhurd Dam Division
Wahi (Pauni)


This shall form part of Main Agreement and all other terms and conditions shall remain same as the Main Agreement.

This yearly agreement is made for the water requirement of NTPC, Mouda for the Financial Year 2021-22 with Executive Engineer, Gosikhurd Dam Division, Wahi (Pauni) in the presence of,


NTPC, Mouda
हरि प्रसाद जोशी
ग्रुप जनरल मॅनेजर
HARI PRASAD JOSHI
Group General Manager
एनटीपीसी लिमिटेड, मूडा, डिस्ट. नागपुर
NTPC Limited, Mouda, Dist. Nagpur


Executive Engineer
Gosikhurd Dam Division
Wahi (Pauni)

Witness-1:  V.M. Choudhary. A QM (EEMG)
NTPC Mouda.

Witness-2:  P.S. Masram
Assistant Engineer - 1
C & S Subdivision, Gosikhurd



महाराष्ट्र MAHARASHTRA

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श्री. (०५)
 मालती विघो | अ. ६८३९ दि. २५/११/२०२२
 श्री. (०५) | अ. ५७३१ दि. २५/११/२०२२
 मालती विघो | अ. ५७३१ दि. २५/११/२०२२
 टिकट नं. ५७३१/२०२२

(Handwritten signature and stamp area)

Name of Work: Yearly Agreement for supply of Non-Irrigation water to NTPC, Mouda Project.

Date of Main Agreement & amendment agreement :- 01.01.2018 & 27.07.2021

Demand Quantity of Water Sanctioned :- 75 MCM (74.50 MCM for Industrial + 0.50 MCM for Drinking)

In pursuant to clause "Yearly applicable demand" of Main Agreement dated 01.01.2018, we hereby declare Yearly Demand of Water for Industrial Use as 34.50 MCM and for Domestic Use as 0.50 MCM for Financial Year 2022-23 (1st April '22 to 31st March '23).


P. K. Manohar
 General Manager
 NTPC Limited, Mouda-Project

(R.G. Sharma)
 Executive Engineer
 Coalkhurd Dam Division
 Water (Pauri)

With terms & condition, in line with Bulk water rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State vide संसद संशोधन निदेशन अर्द्ध dated 29.03.2022; as Rs. 11.00 / Cum for Industrial Water Use & Rs. 0.55 / Cum for Domestic Water use in Industrial Component by Maharashtra Water Resources Regulatory Authority.

This shall form part of Main Agreement and all other terms and conditions shall remain same as the Main Agreement.

This yearly agreement is made for the water requirement of NTPC, Monda for the Financial Year 2022-23 with Executive Engineer, Gonikhand Dam Division, Wals (Parsi) in the presence of,


NTPC Monda
ए. क. मोहन
ग्रुप जनरल मॅनेजर
A. K. Manohar
ग्रुप जनरल मॅनेजर
NTPC Limited, Monda-431002


Executive Engineer
Gonikhand Dam Division
Wals (Parsi)
On behalf of VIDC, Nagpur.

Witness-1: 

Witness-1: Jitendra Shant, AEM-EEMS,
NTPC MONDA

Witness-2: 

Witness-2: D. R. Patil, JE, GDD,
Wals (Parsi)



महाराष्ट्र MAHARASHTRA

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ना. प्र. १०२
नालती तिकरी
मुंबई सिटी
आय. सं. २५११
Code No. १४११०२

उ. सं. ५०६३
ना. अ. १०२/१०६३
मुंबई, महाराष्ट्र

२०२३



Name of Work: Yearly Agreement for supply of Non Irrigation water to NTPC, Mouda Project.

Date of Main Agreement & amendment agreement :- 01.01.2018 & 27.07.2021

Demand Quantity of Water Sanctioned :- 75 MCM (74.50 MCM for Industrial + 0.50 MCM for Drinking)

In pursuant to clause "Yearly applicable demand" of Main Agreement dated 01.01.2018, we hereby declare Yearly Demand of Water for Industrial Use as 34.50 MCM and for Domestic Use as 0.50 MCM for Financial Year 2023-24 (1st April'23 to 31st March'24).

With terms & condition, in line with Bulk water rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State vide लोक जलमूलक निर्धारण आदेश dated 29.03.2022, as Rs. 11.00 / Cum for Industrial Water Use & Rs. 0.55 / Cum for Domestic Water use in Industrial Component by Maharashtra Water Resources Regulatory Authority.

This shall form part of Main Agreement and all other terms and conditions shall remain same as the Main Agreement.

This yearly agreement is made for the water requirement of NTPC, Mouda for the Financial Year 2023-24 with Executive Engineer, Gosikhurd Dam Division, Wahli (Parsi) in the presence of,


NTPC, Mouda
ए. के. मिश्रा
अधीनस्थ
A. K. Mishra
Head of Project
विद्युत विद्युत, कोयला
NTPC Limited, Mouda, Nagpur


(R.G. Sharma)
Executive Engineer
Gosikhurd Dam Division
Wahli (Parsi)
On behalf of VIDC, Nagpur.

Witness-1: 
(RAVI CHANDAK)

Witness-1: 
(P.S. MISHRA), EE-1

Witness-2: 
(A.R. MOHANTY)
AGM (EEMA)

Witness-2: 
D.R. JAIS
JE



महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण Maharashtra Water Resources Regulatory Authority

Order No. 1/2018

Review and Revision of Bulk Water Rates for Domestic, Industrial & Agricultural Irrigation Use in Maharashtra State

- Ref: 1) "Criteria for Distribution of Surface Water Entitlements by River Basin Agencies for Domestic and Industrial Use" issued by the Authority in September 2017
- 2) Minutes of the meeting held with the Principal Secretary (CAD), Water Resource Department, dated May 30, 2017 about Bulk Water Tariff Proposal

Date : January 11, 2018

1. Introduction

- 1.1 Maharashtra Water Resources Regulatory Act 2005 (henceforth called "the Act") has been enacted to regulate water resources within the State, facilitate and ensure judicious, equitable and sustainable management, allocation and utilization of water resources as well as to fix the rates or use of water for all purposes and matters connected therewith and incidental thereto. Maharashtra Water Resources Regulatory Authority (henceforth called as "the Authority") has been established as per Section 3 (1) of the Act on May 4, 2005.

Section 11(d) of the Act empowers the Authority, to establish a water tariff system and fix the criteria for water charges in such a way that the water charges shall reflect the recovery of full cost of irrigation management, administration and maintenance of water resources project. Vide Section 11 (u) of the Act, the Authority is required to review and revise the water charges every three years.



- 1.2 Earlier, the Authority vide its order dated May 30, 2011 had fixed the bulk water tariff for domestic, industrial and agricultural water uses. These rates were in force since commencement of Rabi season 2010-11 i.e. October 15, 2010. Since then the bulk water rates have not been revised or increased, although in the meanwhile, Cost Inflation Index (CII) has increased by 63%.
- 1.3 Presently, expenditure on irrigation management is more than the recovery of water charges. Adequate funds are not available for maintenance and repairs of water resources projects. This paradoxical situation has been adversely impacting on the performance of the projects. The Government of Maharashtra, therefore vide its letter dated March 18, 2017 had submitted a proposal to the Authority for revising the bulk water tariff. As per the proposal, average estimated cost of operation and maintenance of water resources projects of the State for the period 2016 to 2019 is Rs. 1412.12 crore. The estimated cost for 2017-18 is Rs. 1406.53 crore. However, the Authority after the scrutiny of the proposal had earlier considered norm based estimated expenditure of Rs. 911.44 crore for the year 2017-18, calculated on the basis of irrigation potential created up to June 2014 and its actual utilization. The Authority in June 2014, through consultations with experts and stakeholders had evolved the criteria for sharing of this estimated cost among the three main water use sectors as- domestic (22%), industry (59%) and agriculture (19%).
- 1.4 Subsequently, the Water Resources Department (WRD) widely publicized the draft tariff proposal as prepared by the Authority through news papers and website. The proposal was also made available to the public through the local offices of WRD. Comments and suggestions of public on the draft tariff proposal were invited during one month period (1 to 31 August 2017). Authority, after due consideration of comments / suggestions received from various line Departments, field officers, experts, NGO, water users associations and other beneficiaries has finalized the bulk water tariff proposal.
- 1.5 A summary of comments / suggestions received on the tariff proposal along with point-wise response of the Authority has also been posted on the Authority's website (www.mwra.org), separately. While framing the bulk water tariff for 2018-20, as per comments / suggestions received Authority, has finalized the estimated C&M cost for 2017-18 as Rs. 1016.145 crore on the basis of updated scenario of irrigation potential created (up to June 2016) and its actual utilization in 2016-17. This cost has been distributed amongst various water use sectors as per the criteria mentioned earlier in Para 1.3.



- 1.6 In order to control unregulated water use and water losses, WRD in its proposal of March 18, 2017 has proposed, supply and charging of water on volumetric basis. The Fourteenth Finance Commission has also recommended the same. The supply and charging of water on volumetric basis will facilitate implementation of the provisions of the Act pertaining to determination of equitable water entitlements, their actual distribution and monitoring. With the foregoing advantages, it would be worthwhile to adopt volumetric basis for water supply and charging. Principal Secretary (CAD), WRD during the meeting held with the Authority (Reference No. 2) has appraised the Authority that the WRD has already initiated the required preparedness at field level for volumetric supply of water for irrigation. Also, he clarified that area specific rates are no more relevant now.

Order of the Authority

- 2.0 The Authority, in exercise of the power conferred on it as per Section 11(d) and 11(u) of the Act, hereby decides the revised bulk water Tariff for the period 2018-20 for agricultural irrigation, domestic and industrial purposes as per Annexure 1, 2 and 3, respectively.
- 2.1 The water rates for flow irrigation will be as per Table No. 1 of the Annexure 1.
- 2.2 The water rates for Private Lift Irrigation Schemes (PLISs) will be as per Table No. 2 of the Annexure 1.
- 2.3 The water rates for Government Lift Irrigation Schemes (GLISs) will be as per Para 5 of the Annexure 1.
- 2.4 The standard bulk water rates of the domestic water use will be as per Table No. 1 of Annexure 2 while the applicable domestic water supply rates for identified blocks of consumption will be as per Table No. 2 of Annexure 2.
- 2.5 The standard bulk water rates for industrial use will be as per Table No. 1 of Annexure 3; whereas the applicable rates for identified blocks of consumption will be as per Table No. 2 of Annexure 3.
- 3.0 For accounting of non-irrigation water use, the water year shall be considered from July 1 to June 30.



- 4.0 In order to ensure that water reserved for non-irrigation purpose shall not remain unutilized and available water shall be utilized optimally, non-irrigation water utilities are permitted to give phase-wise plan of utilization. In case, non-irrigation utility wants to use allocated water in phased manner, it has to plan so, prior to execution of agreement. Such phase-wise planned water use shall be incorporated in the agreement. The levy of water charges shall be based on such phase-wise planning. But, balance water quantity (total allocated quantity - phase-wise planned water use) should be charged at the rate of 5% towards commitment charges. Similarly, if variation in actual water use and phase-wise planned water use is more than 10%, the assessment shall be done as follows:

In case, actual water use happens to be less than 90% of the phase-wise planned quantity of water, the billing shall be done on the 90% of the quantity of water specified in the agreement. If the actual water use is between 90% to 110% of the corresponding phase-wise water use, billing shall be made as per the standard rate. However, if the actual water use is more than 110% of the planned quantity of water corresponding to that particular phase, the billing of such excess quantity shall be made at 1.5 times of the standard rate. A typical example is enclosed as **Annexure 4** for more clarification.

- 5.0 Revised water charges for non-irrigation uses will be applicable from February 1, 2018. The revised water charges for the irrigation will be applicable from the date of commencement of Hot Weather (H.W.) season of the year 2018 as shown in **Para 6 of Annexure 1**.
- 6.0 The rates in **Annexure 1, 2 and 3** are exclusive of local cess. The local cess as decided by the State Government time to time shall be applicable over and above the water charges.
- 7.0 The water rates in the **Annexure** to this order with 10% increase shall be applicable for the water year of July 1, 2018 to June 30, 2019.
- 8.0 The water rates in the **Annexure** to this order with 20% increase shall be applicable for the water year of July 1, 2019 to June 30, 2020.



- 9.0 The WRD with an intention to control the uncontrolled water use and discourage the wastage of water in flow irrigation in its Tariff Proposal of March 18, 2017, has proposed to adopt, here-in-after the volumetric system for supply and charging of water supply for irrigation. During the transition period, till the installation of measuring devices, the volume of water used will be computed on the basis of duty (ha/cum) achieved at project / canal / branch canal. As regards the computation of duty, the decision of Executive Engineer shall be final.
- 10.0 The Urban Development Department of the State Government vide G.R. dated November 30, 2017 has declared its policy for wastewater treatment, recycle and reuse in urban areas. As per the provisions in the in Para 12 of the said policy, rights of fixing tariff for reuse of treated wastewater are vested with the committee / respective Urban Local Body (ULB). The Authority therefore, as per Section 12(5) of the Act is consciously supporting the said policy. However, the following provisions must be complied with while implementing the said policy:
- a) Provision in Para 6.2 (iii) in Reference 1.
 - b) Treated wastewater must be transported from Sewage Treatment Plant (STP) location of its reuse, through concealed pipeline.
 - c) The rates of treated wastewater to be reused for irrigation purpose shall not be more than 60% of applicable rates for flow irrigation.
 - d) If the treated wastewater is discharged in canal / natural river - nalla then regulation of such water shall be done as per the provisions in the Section 11(1) of Maharashtra Irrigation Act 1976. Rates for such water shall be as that of freshwater.
- 11.0 Henceforth, the agreements for non-irrigation water supply shall be in conformity with the provisions of "Criteria for Distribution of Surface Water Entitlements by River Basin Agencies for Domestic and Industrial Uses" issued by the Authority on September 22, 2017.
- 12.0 For the purpose of framing the future strategies, all Irrigation Development Corporations shall submit to the Authority the abstract of category-wise recovery of water charges, expenditure incurred on Maintenance and Repairs



(M&R) of irrigation projects, expenditure incurred on electricity charges and M&R of Government lift irrigation schemes, reduction in revenue due to concessions / incentives offered to domestic and industrial uses and increase in revenue due to penalties. Such information pertaining to the year ending on 30 June shall be submitted to the Authority for future policy decisions by September 30th each year. Such information shall also be kept in public domain by hosting it on website.

- 13.0 Irrigation Development Corporations shall keep control on establishment expenditure. In order to increase water use efficiency in irrigation sector, at least 40% of the revenue collected from recovery of water charges shall be spent for M&R of the irrigation systems and payment of electricity bills of Government Lift Irrigation Schemes.
- 14.0 The Government shall direct the field officers to give wide publicity by public notice to these water rates.
- 15.0 Powers to remove difficulties: In case of any difficulty in implementation of the revised water tariff system, concerned bulk water user/ Irrigation Development Corporation / Government can approach to the Authority with petition. The decision of the Authority as regards to this shall be final and binding.

Encl.: Annexure No. 1 to 4.

Sd/-

(S. T. Sangale)
Member (Economy)

Sd/-

(V. J. Tiwari)
Member (Law)

Sd/-

(V. M. Kulkarni)
Member (WR Engineering)

Sd/-

(K.P. Bakshi)
Chairman




(Dr. S. A. Kulkarni)
Secretary

**Annexure No. 1
Bulk Water Rates for Irrigation**

1. Volumetric Rates for Flow Irrigation

Table No.1

Sr. No.	Season	For Registered Water User Associations (Paise per Cum)	For individual beneficiaries (Paise per Cum)
(1)	(2)	(3)	(4)
1	Kharif	3.38	4.50
2	Rabi	6.75	9.00
3	Hot Weather	10.13	13.50

2. Relevant Provisions for Flow Irrigation

- 2.1 The rates in Column No. 3 of Table No. 1 will be applicable to all Water Users Associations (WUA) registered under Maharashtra Co-operative Societies Act, 1960 and Maharashtra Management of Irrigation Systems by Farmers Act, 2005.
- 2.2 Farmers can receive water on volumetric basis from off-take point of canal and use the same directly for flow irrigation or can store in wells / farm ponds for irrigation purpose. If water is stored in wells / farm ponds, gauge shall be installed.
- 2.3 Farmers at their own cost shall lay the pipelines from the canal off-take to their well / farm pond, for storing water in a well / farm pond for micro irrigation. If water is taken to a well / farm pond through an open channel, then an additional 10% quantity shall be charged towards water loss.

3. Volumetric Rates for private lift irrigation schemes

Table No. 2

Sr. No.	Classification	Source of Water Supply	Water Rate (Paise per Cum)		
			Kharif	Rabi	H.W.
(1)	(2)	(3)	(4)	(5)	(6)
1	Assured Water Supply	Reservoirs of major projects	3.66	7.31	10.97
2		Reservoirs of medium projects, canals of major and medium projects, storage tanks	2.93	5.85	8.78



Sr. No.	Classification	Source of Water Supply	Water Rate (Paise per Cum)		
			Kharif	Rabi	H.W.
(1)	(2)	(3)	(4)	(5)	(6)
3	Regulated Water Supply including conveyance losses	Regulated river reach downstream of dam / K.T. weirs with back up reservoirs on upstream/ tail race water of hydropower stations	2.93	5.85	8.78
4	Partly assured water supply	Canals of minor projects, K.T. weirs without back up of reservoirs & arrangement without any regulation in absence of bandhara	1.46	2.93	4.39
5	Reservoir constructed at own cost by water user entity for capacity of at least 8 months water requirement and also maintained at its own cost	Reservoir constructed at own cost by water user entity for capacity of at least 8 months water requirement and also maintained at its own cost	0.47	0.94	1.40

4. Relevant Provisions for Private Lift Irrigation Schemes

- 4.1 Rates in Table No. 2 are applicable for individual lift irrigation schemes.
- 4.2 Co-operative Societies registered under Co-operative Societies Act, 1960 and Water User Association (WUA) registered under MMISF Act, 2005 will be entitled for 25% concession in the above rate.
- 4.3 In case of private lift irrigation schemes, the beneficiary should install the water meter on delivery pipeline at its own cost. During transition period before installation of water meter, the water charges shall be levied on the basis of discharge of the pump or standard duty. This concession will be applicable for a period of 1 year from the date of this Order. After this, water charges shall be levied at 1.5 times applicable rate for flow irrigation.
- 4.4 In case registered private lift irrigation Water Users' Association, fails to install water meter / water meter is not working / water meter is tampered, the assessment will be done at the rate, 2 times applicable water rate for



flow irrigation with quantity calculated as per actual irrigated area and standard duty.

5. Water Rates for Government Lift Irrigation Schemes

Water Rates for Government Lift Irrigation Schemes will be decided project-wise and season-wise. While fixing the rates for the project, the concerned Chief Engineer should take into consideration the volumetric rates for flow irrigation provided in Table No. 1 plus 19% of expenditure (electricity charges, M&R cost and operation cost of the head works of Lift Irrigation Schemes) of the Lift Irrigation Scheme.

6. Periods of Irrigation Seasons

Period of Kharif, Rabi and Hot Weather seasons for Konkan & Vidarbha regions; and rest of the Maharashtra for purpose of levying water charges, shall be as under:

Season	Period (excluding Konkan & Vidarbha regions)	Period (for Konkan and Vidarbha regions)
Kharif	1 July to 14 October	1 July to 14 November
Rabi	15 October to 28 February	15 November to 31 March
Hot Weather	1 March to 30 June	1 April to 30 June

7. Other Provisions

- 7.1 If the water is supplied by WRD up to the decentralized storages as provided in Government Resolution dated 02/05/2017 then the water rates as prescribed in Table No. 1 and Para 5 corresponding to the conveyance system will be applicable. If water is taken to decentralized storage by means of natural streams then 10% of conveyance losses shall be levied. However, if the beneficiary takes the water to its decentralized storages through natural stream, then these conveyance losses shall not be applicable.
- 7.2 Water rates for fishery Volumetric shall be as prescribed for volumetric rates of irrigation.



Concessions / Incentives / Penal Provisions

8. Concessional Provisions

- 8.1 Project affected farmers, having been allotted compensatory land in the command area, shall be entitled to get water at 75% of the applicable water rates. Further, if project affected farmer has resorted to Lift Irrigation at his own cost 50% of the applicable rates shall be charged.
- 8.2 If the water is taken for an extended Kharif crop in Rabi season or for an extended Rabi crop in Hot Weather, relevant Kharif / Rabi rates will be charged for such water taken in the extended irrigation rotation.

9. Incentives

- 9.1 Water cess should not be levied for the irrigation in the first year of irrigation (trial irrigation) of the project.
- 9.2 If the individual farmer takes metered water supply for modern irrigation system (micro-irrigation) then the rates applicable shall be 75% of the rates prescribed for individual farmer practicing flow irrigation. (If registered WUA takes the metered water supply for micro irrigation then the rates applicable shall be 75% of the rates prescribed for registered WUA practicing flow irrigation).
- 9.3 If water cess for a season is paid before commencement of that season (advance payment) then the water cess will be charged at 90% of the applicable water rate.
- 9.4 Water rights in case of ex-malgujari tanks shall be governed by the decision already given by the Supreme Court.

10. Penal Provisions

- 10.1 Penalty at the rate of 10% per year will be charged for delayed payment/ part thereof beyond permissible time limit.
- 10.2 If water supplied for irrigation use is found to be used for industrial purpose without prior permission of WRD, then assessment will be done at 2 times the rate applicable for industrial use.



Annexure No. 2

Bulk Water Rates for Domestic Water Use

1) **Standard Rates for Domestic Water Use**

Table No. 1

Sr. No.	Category	Source & Type of Supply	Standard Rates for Domestic Water Use (Rs. per m ³)		
			Gram panchayats	ULBs	Municipal Corporations
(1)	(2)	(3)	(4)	(5)	(6)
1	Assured Water Supply	Water Supply from Reservoir	0.15	0.18	0.25
2	Regulated Water Supply with conveyance loss	River reach downstream of dam, canals & K. T. weirs (*)	0.30	0.36	0.50
3	Partly Assured Water Supply	Water use through natural stream without any releases from up-stream reservoir, canal etc.	0.08	0.09	0.13
4	If water user entity has constructed a storage of at least 8 months of its water use and is also maintained at its own cost	Water supply through water user entity's own dam or has shared the cost in proportion to its water use	0.02	0.03	0.04

* The source of water supply of which storage capacity is less than 80% of the water supply through it and which depends on releases from upstream water sources (dam, powerhouse etc.) as a backup.

Note - In case where water user entity has constructed a dam at its own cost or has shared the capital cost of dam in proportion to its water use but WRD is incurring expenditure on M & R works then 20% increase shall be applicable in rates at Sr. No. 4, Table No. 1.



2) **Norms of Water Use:**

The Authority vide Ref. No. 1 of this Order has determined the "Criteria for Distribution of Surface Water Entitlements by River Basin Agencies for Domestic & Industrial Uses" on September 22, 2017. Accordingly, the norms of water supply for domestic use are as follows. The account of applicable water use shall be maintained for water year (1st July to 30th June).

1. Grampanchayats — 55 lpcd
2. Peri-urban area — 70 lpcd
3. C - Class municipal councils / nagarpanchayats — 70 lpcd
4. B - Class municipal councils — 100 lpcd
5. A - Class municipal councils — 125 lpcd
6. Municipal Corporations (Population less than 50 lakh) — 135 lpcd
7. Municipal Corporations (Population more than 50 lakh) — 150 lpcd

3) **Water Rates as per Water Use :**

The Bulk Water Tariff for Grampanchayats / Municipal Councils / Nagarpanchayats / Municipal Corporations for domestic water supply shall be as follows:

Table No. 2

Sr. No.	Actual Water Use [including leakages, Unaccounted-For-Water & commercial use]	Applicable Rate
A	Quantity upto 115% of norm based water use	Standard Rate
B	Quantity between 115% - 140% of norm based water use	1.50 times Standard Rate
C	Quantity exceeding 140% of norm based water use	2.00 times Standard Rate

The Authority having considered the provision in Section 11 (d) of the Act, and with an intention to promote efficient water use and encourage water conservation and to discourage wastage of water, has ordered assessment at higher rates for water use exceeding the norm based permissible water use.

But, standard rate shall be applicable on entire water use, for those ULBs / Semi-Government Organizations, who have constructed storages at their own cost and its M & R is also being done at their own cost.



However, no rights can be claimed by paying water charges at higher rates for such excess water use. Urban Local Bodies should focus on measures such as leakage preventing, controlling Unaccounted-For-Water (UFW), promotion of water saving, reuse, rainwater harvesting etc. to keep water use within prescribed limits.

- 4) Townships developed by private or Non-Governmental organizations will be charged at 5 times the applicable rates stipulated for the municipal corporations.

5) **Ancillary Provisions :**

- 5.1) As per the Section 6.2 (5) of the "Criteria for Distribution of Surface Water Entitlements by River Basin Agencies for Domestic and Industrial Uses" issued by MWRRA in September 2017, it has been made obligatory for municipal councils / municipal corporations to submit annual water budget. Applicable water use will be computed on the basis of details submitted in the water budget by bulk water user and will be charged accordingly. In case, municipal councils / municipal corporations are drawing water from more than one source (e.g. WRD and MIDC) for its distribution, it is mandatory to give all these details in their water budget. In such cases, the applicable source-wise penal rates will be levied (if any) in proportion of water supply.
- 5.2) Commissioners of municipal corporations / CEOs of municipal councils or nagarpanchayats shall submit to MPCB & MWRRA within 2 years from the issuance of Order for the Bulk Water Rates, an action plan to establish new / additional sewage treatment plants of capacity capable to treat entire sewage generated to the specified standards. In case of default, 150 times tariff stipulated in Table No. 2 will be levied. MIDC will recover the penal charge from ULBs to whom they are supplying water and shall pass on the penal charges recovered to WRD.
- 5.3) During the construction phase of commercial entity, private colonies, townships; the water use will be charged at industrial (process) rate and after completion of the construction (i.e. after receipt of Occupation Certificate), water use will be charged as per the provisions in Para -4. If both uses are concurrent, different meters are to be installed and assessments be done accordingly.
- 5.4) Quantity of water reserved in the reservoir (even though actual use is less) during drought period will be charged at applicable rate including evaporation and conveyance losses.



Concessional / Incentives / Penal Provisions:

6) Concessional Provisions:

In case, the drinking water source is a well, within 35 meters of nearest boundary of either side of canal and command area of canal, the rate of water supply will be 50% of rate mentioned in the Table No. 1, Sr. No. 1 of Annexure No. 2.

7) Penal Provisions:

- 7.1) Water used without signing the agreement, will be charged at 2 times the applicable rate in Table No. 2, in Para 3 (100% Penal Charges)
- 7.2) If U.Bs are found to be supplying water from its drinking water entitlement to industrial users / water sports without prior approval of WRD, such water use will be charged at 3 times the applicable industrial water rates retrospectively.
- 7.3) In absence of meter or if the meter found to be non-working, the sanctioned quantity of water or recent water use whichever is higher, shall be levied at 1.5 times the applicable rate.
- 7.4) Late fee at 10% per annum shall be levied on arrears of water charges.



Annexure No. 3

Bulk Water Rates for Industrial Use

1) **Standard Rates fixed for Industrial Use:**

Table No. 1

Sr. No.	Category	Water Supply Type and Source	Standard rates for Industrial Use (Rs. per Cum)	
			Process	Raw Material
(1)	(2)	(3)	(4)	(5)
1	Assured Water Supply	Water use from Reservoir	4.80	120.00
2	Regulated Water Supply with conveyance loss	Water use from regulated river reach below dam, canal / K.T. weirs with backup reservoir	9.60	240.00
3	Partly Assured Water Supply	Water use from exclusively from unregulated rivers without releases from any reservoir / canal	2.40	60.00
4	Reservoir constructed for capacity of at least 8 months requirement by the water use entity at its own cost and maintained at its own cost	Water supply from a private reservoir or from reservoir proportionate cost of which infrastructure and management has been shared by the water user entity	0.77	19.20

Note 1 - In case where water user entity has constructed a dam at its own cost or has shared the capital cost of dam in proportion to its water use but WRD is incurring expenditure on M & R works then the rates provided at Sr. No. 4 shall be increased by 20%.

Note 2 - Industries using water as raw material means those manufacturing cold drinks, brewery, mineral water or of similar kind.



2) **Water Use Norms:**

Authority has finalized "Criteria for Distribution of Surface Water Entitlements by River Basin Agencies for Domestic and Industrial Uses" as per Para 7 of Reference - 1. Industry-wise norms for water use have been stipulated in this Criteria.

3) **Rates for Water Charges as per Water Use:**

To promote optimum utilization of water and to restrict wastage of water, increasing block tariff for industrial use shall be as follows:-

Sr. No.	Actual Water Use	Applicable Rate
A	Up to 115% of eligible water use as per norms	Standard Rate
B	Water use greater than 115% eligible use	1.5 times Standard Rate

Note - Entire water use of Industries / Water User Entities (ULBs / Government undertakings) which have constructed reservoirs at their own cost and are performing M&R at their own cost will be entirely charged at standard rate specified at Sr. No. 4 of Table No. 1 with due consideration to Note provided below the table.

Concessions / Incentives / Penal Provisions:

4) **Concessional Provisions:**

4.1 For Agro-industries:

Water rates applicable for Agro-Industries like poultry, Rice Mill, Dairy, corn processing, Vegetable Ghee etc., 75% of the applicable rates provided in Para 3 above. However, this concession will not be applicable for industries manufacturing alcohol / ethanol from sugarcane or corn as well as for winery, breweries.

4.2 Standard rates for industrial water use from wells within command area of canal and wells within 35 meter on either side of nearest edge of canal will be 50% of applicable rates at Sr. No.2 of Table No.1 of this Annexure.

5) **Incentives:**

5.1 If any industry reduces its requirement by recycling (reducing its net demand of water up to minimum 75% or less than that), it shall be charged at 75% of applicable rate, provided , officers of WRD not below the rank of Executive Engineer have confirmed the reduction made in water use by recycling.

5.2 Industries are entitled to use treated effluent provided such use is by way of conveyance through closed pipe from treatment plant (without discharging it



into river /nalla). If such water is supplied for irrigating farms, its rates shall not be more than 60% of rates specified for irrigation by fresh water. Similarly, they shall submit details of such water use to WRD.

6) Penal Provisions:

- 6.1 Action as proposed in Para 7.2 (vii) of Reference 1 shall be taken against those industries which are not treating effluent to specified norms. Such industries will be charged at higher rate which shall be twice that of standard industrial rate. Maharashtra Industrial Development Corporation (MIDC) shall be responsible for collecting the water charges at higher rate i.e. twice the standard rate from those industries to whom they are supplying the water but not treating the effluent to specified standards, MIDC shall pass on the water charges so collected to WRD. If Maharashtra Pollution Control Board (MPCB) issues orders to stop the water supply of such industries, MIDC shall discontinue water supply to such industries.
- 6.2 One months notice shall be given for repairing and commissioning of the meter which is found to be tampered / faulty /non-working. Water charges for this period shall be levied on the basis of actual use / reservation / water use calculations based on specific water consumption as per Criteria issued by MWRRRA Order dated September 22, 2017 and production, whichever is more, and at rates 1.25 times the applicable rates. Extension of one month can be given for repairing the water meter depending on specific local situation. Billing in this extended period shall be done at rate 1.5 times the applicable rate. However, if meter is not repaired within this extended time limit, water supply shall be discontinued. In case of MIDC, instead of discontinuing entire water supply, it shall be limited to its domestic entitlement. Water use without installation of meters shall be charged at twice the applicable rate.
- 6.3 Metered water use within the allocated quota sanctioned limits and installing meter without entering into agreement, shall be billed at twice the applicable rates.
- 6.4 Water use without sanction/agreement and without installing meter, shall be billed at 2.5 times applicable rates. Quantity for such use shall be as per Para 6.2 above.
- 6.5 Late fee at 10% per annum shall be levied on arrears of water charges.



Annexure No. 4

Implementation of Commitment and Penal Charges

(Illustrative Example)

Commitment Charges:-

Suppose a water user has signed an agreement with the WRD for 100 Mm³ of non-irrigation use of water for 5 years. The user will need 100 Mm³ water from the 4th year and its need in first 3 years it is 50, 60 and 80 Mm³ respectively. This stage-wise water supply requirement will be mentioned in the agreement.

The water tariff for this use will be as follows:

1.	Year One:	50 X Standard Rate + 5% of Applicable Tariff on remaining 50, as Commitment Charges
2.	Year Two:	60 X Standard Rate + 5% of Applicable Tariff on remaining 40, as Commitment Charges
3.	Year Three:	80 X Standard Rate + 5% of Applicable Tariff on remaining 20, as Commitment Charges
4.	Year Four:	100 X Standard Rate

Penal Charges:-

If actual water use is not as per the above stages and, if the difference is more than 10%, then the following rates will be levied.

- (1) Consider water use for 1st year is 60 Mm³ instead of 50 Mm³ which deviates by more than 10% from permissible limit of deviation (more than 55 Mm³). The billing shall be done as below:

55 Mm³ X Standard Rate + 5 Mm³ X 1.50 times the Standard Rate + 40 Mm³ X 5% of Standard Rate as Commitment Charges.

- (2) Consider water use for 2nd year is 50 Mm³ instead of 60 Mm³, billing for 90% i.e. 54 Mm³ shall be done at standard rate. The billing shall be as given below:

54 Mm³ X Standard Rate + 46 Mm³ X 5% of Standard Rate as Commitment Charges.



राज्यातील कृषी सिंचनाच्या
वापरकर्त्यांसाठी घनमापन पध्दतीने
पुरवावयाच्या पाणीपट्टीचे प्रचलित दर
तसेच क्षेत्र व पिक आधारीत प्रचलित
जलदर यास मुदतवाढ देणेबाबत...

महाराष्ट्र शासन
जलसंपदा विभाग
शासन निर्णय क्रमांक विसिआ-२०१९/प्र.क्र.१५३/सिव्य (घोरण)
मंत्रालय, मुंबई- ४०० ०३२
दिनांक : ३१/०७/२०२०,

- संदर्भ :-** १) महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाचे आदेश क्र.१/२०१८ दि.११.०१.२०१८ व शुध्दीपत्रक
आदेश क्र.२/२०१८
२) जलसंपदा विभाग, शासन निर्णय क्र.संकीर्ण-२०१४/४३/१४/सिव्य (घोरण) दि.२७.०२.२०१८
३) जलसंपदा विभाग, शासन निर्णय क्र. संकीर्ण-२०१४/४३/१४/सिव्य (घोरण) दि.१७.१०.२०१८.
४) शासनपत्र क्रमांक संकीर्ण-२०१९/१५३/१९/सिव्य (घो), दि.२९.०४.२०२०.
५) महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाचे क्र.मजनिप्र/२०२०/जलदर (२०-२३)/ मुदतवाढ/
३२४/ दि.०२.०७.२०२० चे पत्र.

प्रस्तावना :-

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाचे आदेश क्र.१/२०१८ दिनांक ११ जानेवारी, २०१८ तसेच
शुध्दीपत्रक आदेश क्र.१/२०१८ व शुध्दीपत्रक आदेश क्र.२/२०१८ नुसार महाराष्ट्र राज्यात घरगुती,
औद्योगिक व कृषि सिंचन प्रयोजनार्थ वापरल्या जाणाऱ्या पाण्यासाठी १ फेब्रुवारी २०१८ ते ३० जून २०२०
या कालावधीसाठी ठोक जलदराने पुनर्विलोकन व सुधारणा आदेश संदर्भाधीन क्र.२ चा शासन निर्णय
अंगलबजावणीसाठी निर्गमित करण्यात आला आहे. तसेच १ फेब्रुवारी, २०१८ ते ३० जून, २०२० या
कालावधीसाठी राज्यातील कृषि सिंचनाच्या वापरकर्त्यांसाठी घनमापन पध्दतीने पुरवावयाच्या पाणीपट्टी
दर क्षेत्र व पिक आधारीत करणेबाबत संदर्भ क्र.३ अन्वये शासन निर्णय निर्गमित करण्यात आलेला आहे.

दरम्यानच्या काळात कोविड-१९ च्या प्रतिबंधामुळे करण्यात आलेली ताळेबंदी व काही तांत्रिक
मुद्यांमुळे संदर्भ क्र. ४ अन्वये दर प्रस्तावास सहा महिने म्हणजे ३१.१२.२०२० पर्यंत मुदतवाढ देऊन
प्रचलित दर ३० % वाढीसह लागू करावे अशी प्राधिकरणास विनंती करण्यात आली होती. तथापि, संदर्भ
क्र.५ अन्वये महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाने संदर्भ क्र.१ ध्या आदेशास दि.१.७.२०२० चे
दि.३१.१२.२०२० या कालावधीसाठी ६ महिन्याची मुदतवाढ दिली आहे. त्यानुसार खालीलप्रमाणे शासन
निर्णय निर्गमित करण्यात येत आहे :-

शासन निर्णय :-

१. महाराष्ट्र जलसंपत्ती नियमन प्राधिकरणाने आदेश क्र.१/२०१८ दि.११ जानेवारी २०१८
तसेच शुध्दीपत्रक आदेश क्र.१/२०१८ व शुध्दीपत्रक क्र.२/२०१८ नुसार महाराष्ट्र राज्यात घरगुती
औद्योगिक व कृषि सिंचन प्रयोजनार्थ वापरल्या जाणाऱ्या पाण्यासाठी ठोक जलदराने पुनर्विलोकन

व सुधारणा आदेश निर्गमित केले आहेत. त्यास दि.१.७.२०२० ते दि.३१.१२.२०२० या कालावधीसाठी सहा महिन्यांची मुदतवाढ संदर्भ क्र.५ अन्वये महाराष्ट्र जलसंपत्ती निव्वन प्राधिकरणाने लागू केलेली आहे. त्यानुसार अंमलबजावणी करावी.

२. तसेच, दि.१ फेब्रुवारी, २०१८ ते ३० जून, २०२० या कालावधीसाठी राज्यातील कृषी सिंचनाच्या वापरकर्त्यांसाठी धनगणन पध्दतीने पुरवावयाच्या पाणीपट्टीचे दर, क्षेत्र व पिक आधारीत करणेबाबत संदर्भ क्र.३ अन्वये शासन निर्णय निर्गमित करण्यात आला आहे. त्यास देखील दि.१.७.२०२० ते दि.३१.१२.२०२० या कालावधीसाठी सहा महिन्यांची मुदतवाढ लागू करण्यात येत आहे.

याबाबत ज्यावेळी सन २०२० ते २०२३ या कालावधीकरिता क्षेत्र व पिक आधारीत जलदर निश्चित केले जातील त्यावेळी पुर्वलक्षी प्रभावाने लाभार्थ्यांकडून जलदर आकारणीतील फरक रक्कम वसूल करावी.

हा शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध असून त्याचा संगणक संकेतांक २०२००७३११४३५५९०५२७ असा आहे. हा आदेश डिजिटल स्वाक्षरीने साक्षांकित करून काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

Digitally signed by Atul Ashok Kapole
Date: 2020.07.31 15:11:45 +05'30'

(अ.अ.कपोले)

शासनाचे सह सचिव

प्रति,

१. मा.राज्यपालांचे सचिव,
२. मा.मुख्यमंत्र्यांचे सचिव
३. मा.उपमुख्यमंत्र्यांचे सचिव
४. सर्व मा.मंत्री यांचे खाजगी सचिव
५. सर्व मा.राज्यमंत्री यांचे खाजगी सचिव
६. सामान्य प्रशासन विभाग, मंत्रालय, मुंबई-३२.
७. वित्त विभाग, मंत्रालय, मुंबई-३२.
८. नियोजन विभाग, मंत्रालय, मुंबई-३२.
९. महसूल व वन विभाग, मंत्रालय, मुंबई-३२.
१०. नगर विकास विभाग, मंत्रालय, मुंबई-३२.
११. ग्राम विकास व जलसंधारण विभाग, मंत्रालय, मुंबई-३२.
१२. उद्योग, उर्जा व कामगार विभाग, मंत्रालय, मुंबई-३२.
१३. कृषी व पशुसंवर्धन, दुग्ध विकास व्यवसाय व मत्स्य व्यवसाय (कृषी) विभाग, मंत्रालय, मुंबई.

१४. सहकार, पणन व वस्त्रोद्योग विभाग, मंत्रालय, मुंबई-३२.
१५. सार्वजनिक बांधकाम विभाग, मंत्रालय, मुंबई-३२.
१६. महालेखापाल (लेखा व अनुज्ञेयता)-१, महाराष्ट्र, मुंबई.
१७. महालेखापाल (लेखापरिक्षा)-१, महाराष्ट्र, मुंबई.
१८. महालेखापाल (लेखा व अनुज्ञेयता)-२, महाराष्ट्र, मुंबई.
१९. महालेखापाल (लेखापरिक्षा)-२, महाराष्ट्र, मुंबई.
२०. मुख्य सचिव, सामान्य प्रशासन विभाग, मंत्रालय, मुंबई.
२१. प्रधान सचिव (जलसंपदा), जलसंपदा विभाग, मंत्रालय, मुंबई-३२.
२२. सचिव (लाभोक्ति), जलसंपदा विभाग, मंत्रालय, मुंबई-३२.
२३. सचिव (प्रकल्प व समन्वय), जलसंपदा विभाग, मंत्रालय, मुंबई.
२४. सचिव, पाणी पुरवठा व स्वच्छता विभाग, मंत्रालय, मुंबई-३२.
२५. सचिव, जलसंधारण विभाग, मंत्रालय, मुंबई.
२६. सचिव, ग्राम विकास विभाग, मंत्रालय, मुंबई.
२७. सचिव, महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण, मुंबई.
२८. सर्व कार्यकारी संचालक, जलसंपदा विभाग.
२९. विशेष कार्यकारी अधिकारी, महाराष्ट्र औद्योगिक विकास महामंडळ, मुंबई.
३०. सर्व मुख्य अभियंता, जलसंपदा विभाग.
३१. मुख्य अभियंता, महाराष्ट्र औद्योगिक विकास महामंडळ, मुंबई.
३२. मुख्य अभियंता, महाराष्ट्र जिवन प्राधिकरण, मुंबई.
३३. सर्व उपसचिव, जलसंपदा विभाग, मंत्रालय, मुंबई.
३४. सर्व अधिक्षक अभियंता, जलसंपदा विभाग.
३५. निवडनस्ती कार्यासन सिव्य (द्वारण)

**Review and Revision of Bulk Water
Rates for Agricultural Irrigation,
Domestic, Industrial Use in
Maharashtra State**

Maharashtra Water Resources Regulatory Authority

9th floor, Center 1, World Trade Centre,

Cuffe Parade, Mumbai - 400005

Date : 29th March, 2022

Bulk Water Tariff Order

- Ref : 1. Maharashtra Water Resources Regulatory Authority Act, 2005
2. Approach Paper for Determination of Bulk Water Tariff (October 2019)
 3. Maharashtra Water Resources Regulatory Authority (Fixing Criteria for Bulk Water Tariff and Issuance of Tariff Order), Guidelines, 2019

1. Introduction

- 1.1 Maharashtra Water Resources Regulatory Act 2005 (henceforth called "the Act") has been enacted to regulate water resources within the State, facilitate and ensure judicious, equitable and sustainable management, allocation and utilization of water resources as well as to fix the rates for use of water for all purposes and matters connected therewith and incidental thereto. Maharashtra Water Resources Regulatory Authority (henceforth called as "the Authority") has been established as per Section 3 (1) of the Act on 4th May, 2005.



- 1.2 Section 11 (d) of the Act empowers the Authority, to establish a water tariff system and to fix the criteria for water charges in such a way that the water charges shall reflect the recovery of full cost of irrigation management, administration, operation and maintenance of water resources project.
- 1.3 Vide Section 11(u) of the Act, the Authority is required to review and revise the water charges every three years.
- 1.4 Earlier, the Authority has finalized the Bulk Water Tariff for water use of agriculture, domestic and industrial categories vide its order dt. 11th January 2018.
- 1.5 Authority has finalized bulk water tariff for Agriculture, Domestic and Industrial based on Criteria fixed after ascertaining the views of the beneficiary public on draft Criteria and draft Tariff Proposal.

Order of the Authority

- 2.0 The Authority, in exercise of the power conferred on it as per Section 11 (d) and 11 (u) of the Act, hereby decides the revised Bulk Water Tariff for agricultural irrigation, domestic and industrial purposes as per Annexure 1, 2 and 3 respectively, alongwith relevant provisions mentioned in it.
- 2.1 The water rates for flow irrigation will be as per Table No.1 of the Annexure 1. The water rates for Private Lift Irrigation Scheme (PLISs) will be as per Table 2 of the Annexure 1.



22. The water rates for Government Lift Irrigation Schemes (GLISs) will be as per relevant provisions stated in Para 2 of the Annexure 1.
23. In case there is no arrangement for measurement of water, area based Bulk Water Tariff for water use of individual beneficiaries by flow irrigation, has been proposed as per Table 3 in Annexure -1.
24. Applicable rates of the Domestic water use will be as per Annexure 2.
25. Applicable rates of the Industrial water use will be as per Annexure 3.
- 3.0 For accounting of water use, the water year shall be considered from 1st July to 30th June of the consecutive next year.
- 4.0 Bulk Water Tariff as per this order shall be applicable for three years starting from 1st July, 2022.
- 5.0 Bulk Water Tariff for the period from 1st July, 2020 to 30th June, 2022 will be same as that of last year (1st July, 2019 to 30th June, 2020) as determined by the previous order dt. 11th January, 2018, considering the exceptional situation of COVID-19 Pandemic in the State.
- 6.0 The water rates in the Annexures to this order with 10% annual increase shall be applicable for the water year from 1st July, 2023 to 30th June, 2024.
- 7.0 The water rates in the Annexures to this order with 20% annual increase shall be applicable for the water year from 1st July, 2024 to 30th June, 2025.



- 8.0 The rates in Annexure 1, 2 and 3 are exclusive of local cess. The local cess as decided by the State Government from time to time shall be payable separately.
- 9.0 In order to ensure that water reserved for non-irrigation purpose shall not remain unutilized and available water shall be utilized optimally, non-irrigation water utilities are permitted to give phase-wise plan of utilization. In case, non-irrigation utility wants to use allocated water in phased manner, it has to plan so, prior to execution of agreement. Such phase-wise planned water use shall be incorporated in the agreement. The levy of water charges shall be based on such phase-wise planning. But, balance water quantity (total allocated quantity - phase-wise planned water use) should be charged at the rate of 5% towards commitment charges. Similarly, if variation in actual water use and phase-wise planned water use is more than 10%, the assessment shall be done as follows :

In case, actual water use happens to be less than 90% of the phase-wise planned quantity of water, the billing shall be done on the 90% of the quantity of water specified in the agreement. If the actual water use is between 90% to 100% of the corresponding phase-wise water use ; billing shall be made as per the standard rate. However, if the actual water use is more than 100% of the planned quantity of water corresponding to that particular phase the billing of such excess quantity shall be made at penal rates given in the relevant provisions in the Annexures.

- 10.0 The WRD with an intention to control the uncontrolled water use and discourage the wastage of water in flow irrigation in its Tariff Proposal has proposed to adopt, here-in-after the volumetric system for supply and charging of water supply for irrigation. However, taking into consideration difficulties in implementation of volumetric tariff , area based bulk water tariff (crop wise and season wise) shall be charged to individual water



users, other than Water User Associations (WUAs) and Lift Irrigation Schemes, till installation of measuring devices.

11.0 The Urban Development Department of the State Government vide G.R. dated November 30, 2017 has declared its policy for wastewater treatment, recycle and reuse in urban areas. As per the provisions in the in Para 12 of the said policy, rights of fixing tariff for reuse of treated wastewater are vested with the committee / respective Urban Local Body (ULB). The Authority therefore, as per Section 12 (5) of the Act is consciously supporting the said policy. However, the following provisions must be complied with while implementing the said policy;

- a) To reuse treated wastewater, it must be transported from Sewage Treatment Plant (STP), through closed pipeline or tankers.
- b) The rates of treated wastewater to be reused for irrigation purpose shall not be more than 60% of applicable rates for flow irrigation.
- c) If the treated wastewater is discharged in canal / natural river-nalla then regulation of such water shall be done as per the provisions in the Section 11 (1) of Maharashtra Irrigation Act 1976. Rates for such water shall be as that of freshwater.

12.0 Bulk Water Supply Entity (BWSE) and Bulk Water User Entity (BWUE) shall ensure that following points shall be included in the agreement of non-irrigation water supply:

- a) Accurate category of water source
- b) Clear provision about applicable rate



- c) Dispute resolving mechanism / provision for any dispute about water source category, applicable rate and quantity of water use.
- d) While fixing quota for industrial water use, water for processing and water use for raw material and quantity of water use for domestic purpose in the colonies of industrial workers shall be quantified and it shall be ensured that actual water use is same as per quota fixed for specific purpose. If water use is not as per sanctioned quota penal rates shall be charged.

13.0 For the purpose of framing the future strategies, all Irrigation Development Corporations shall submit to the Authority the abstract of category -wise recovery of water charges, expenditure incurred on Maintenance and Repairs (M & R) of irrigation projects, expenditure incurred on electricity charges and M & R of Government lift irrigation schemes, reduction in revenue due to concessions /incentives offered to domestic and industrial uses and increase in revenue due to penalties. Such information pertaining to the year ending on 30th June shall be submitted to the Authority for future policy decisions by 30th September each year. Such information if not provided periodically within prescribed time limit, such non compliance will be liable for punishment under Section 26 of the Act.

14.0 The Government shall issue orders to the field officers to give wide publicity to this Bulk Water Tariff order through public notice for information of beneficiaries / stakeholders.



15.0 Powers to remove difficulties: In case of any difficulty in implementation of this Bulk Water Tariff order, concerned bulk water user / Irrigation Development Corporation / Government may make reference to the Authority. The decision of the Authority as regards to this shall be final and binding.

16.0 This order is available on Authority's website
www.mwrra.maharashtra.gov.in

Note: If there is any discrepancy between the Marathi and English version, the Marathi version will be considered as authentic version for all legal purposes.

Encl: Annexure 1 to 3.



(Dr. Sadhana Mahashabde)
Member (Law)



(Smt. Shwetal Thakare)
Member (Eco)



(Shree. Sanjay Kulkarni)
Member (WRE)

Date : 29.03.2022

Place : Mumbai



(Dr. Ramnath Sonawane)
Secretary

Maharashtra Water Resources Regulatory Authority



Annexure 1

Agriculture Bulk Water Tariff

Table No.-1 Volumetric Rates For Flow Irrigation (Paise / cum)(Paise for 1000 Litre)

Sr. No.	Type of Beneficiary	Rates (Paise / Cum) (Paise for 1000 Litre)		
		Kharif	Rabbi	Hot Weather
1	2	3	4	5
1	Registered Water User Associations	5.50	11.00	16.50
2	Individual Beneficiary	7.00	14.00	21.00

Table No.-2 Bulk Water Tariff for Private Lift Irrigation Schemes

(Paise / Cum) (Paise for 1000 Litre)

Sr.No.	Type & Source of Water Supply	Rates (Paise / Cum) (Paise for 1000 Litre)		
		Kharif	Rabi	Hot Weather
1	2	3	4	5
1	Assured Water Supply	6.50	13.00	19.50
	A) Reservoirs of Major Projects			
	B) Reservoirs of Medium Projects, Canals of Major & Medium Projects , Storage Tanks	5.00	10.00	15.00
2	Regulated Water Supply with transmission losses	5.00	10.00	15.00
3	Partly Regulated Water Supply	2.50	5.00	7.50
4	Reservoirs / Bhandhra constructed & maintained by water user entity at its own costs	0.80	1.60	2.40



Table No.-3 Area based Bulk Water Tariff for individual beneficiaries for flow irrigation

(Crop wise and Season wise)

Sr. No.	Type of Crop	Rates (Rs./ Ha.)		
		Kharif	Rabbi	Hot Weather
1	2	3	4	5
1	Food Grains and other Crops	600	1200	1800
2	Cash Crops			
	a) Sugarcane and Banana	1890	3780	5670
	b) Cotton	810	1620	2430
	c) Horticulture	1422	2844	4266

Other Relevant Provisions:

- (1) Period of Kharif, Rabbi and Hot Weather seasons for konkan & Vidharbha regions and Rest of the Maharashtra for purpose of levying water charges, shall be as under;

Season	Period for Rest of Maharashtra	Period for Konkan and Vidarbha regions
Kharif	1 st July to 14 th October	1 st July to 14 th November
Rabbi	15 th October to 28 th February	15 th November to 31 st March
Hot Weather	1 st March to 30 th June	1 st April to 30 th June

- (2) Tariff for area under Government LIS in the State will be the Basic Rate for flow irrigation plus expenditure towards electricity charges, M&R cost and operation cost of the head works of LIS. Out of this, 19%



expenditure to be borne by concerned beneficiaries and remaining 81% shall be divided among other category of users as per criteria. The scheme-wise tariff for Government Operated LIS shall be fixed by the Chief Engineer of respective River Basin Agency.

- (3) Water charges for cash crops (e.g. Sugarcane, Cotton, Banana and Horticulture etc.), irrigated with water from wells upto 35 m. from the canal (Canal as defined in Maharashtra Irrigation Act, 1976), shall be charged of 50% of Basic Rate of flow irrigation as per the provision of Section 55 of Maharashtra Irrigation Act, 1976.
- (4) The registered WUAs under Private LIS who have installed water meters and use water volumetrically will be given 25% concession in the rates given in Table No.2 of Annexure 1.
- (5) The beneficiaries of Private LIS should install the water meter at the source on delivery pipeline at its own cost. During transition period before installation of water meter, the water charges shall be levied on the basis of area based tariff to private or individual LIS user. This concession will be applicable for a period of 1 year from the date of this Order. After this, water charges shall be levied at 2 times applicable rate for flow irrigation.
- (6) If Private LIS, fails to install water meter / water meter is not working / water meter is tampered, the assessment will be done at the rate, 2 times applicable water rate for flow irrigation with quantity calculated as per area based tariff.
- (7) If the water is supplied by BWSE up to the decentralized storages as provided in Government Resolution dated 02/05/2017 then the water rates given in Table No.-1 of Annexure 1 corresponding to the conveyance system viz. flow or lift will be applicable. If water is supplied regularly to decentralized storage through natural stream,



then conveyance loss @ 10 % shall be applicable. However, if the beneficiary takes water to decentralized storage by means of closed pipe line from canal then conveyance losses shall not be levied.

- (8) Water rates for fishery shall be as per Sr.No.2, Table No.1 of Annexure 1, same as volumetric rates applicable to individual beneficiaries of Agriculture.
- (9) Project affected farmers, having been allotted compensatory land in the command area, shall be entitled to get water at 75% of the applicable water rates. Further, if project affected farmer has resorted to Lift Irrigation at his/her own cost, 50% of the applicable rates shall be charged.
- (10) If the water is taken for an extended Kharif crop in Rabbi season or for an extended Rabbi crop in Hot Weather, relevant Kharif / Rabbi rates will be charged for such water.
- (11) Water charges should not be levied for the irrigation in the first year of irrigation (trial irrigation for testing) of the project.
- (12) In the absence of measuring devices, water supply to beneficiaries shall be charged on area based tariff. For this purpose two crop groups i.e. Cash Crops and Food grains & other crops be taken into consideration for charging prescribed area based tariff. Following principles should be followed while fixing area-based tariff -
 - a) Area based tariff shall be made applicable after conducting 'Geographical Information System (GIS)' survey to ascertain the area and crops.



b) If water is supplied for more than two rotations, then full rate for the season will be charged. For water supply in two or less rotations, water rates will be at one fourth ($\frac{1}{4}$) of applicable rate per rotation will be charged.

c) Area based tariff declared by Government vide GR.No./Misc.-2014/(43/14)/IM(P) dated 17.10.2018 will not be effective from the date of application of this tariff order.

(13) If the individual farmer takes metered water supply for modern irrigation system (micro-irrigation) then the rates applicable shall be 75% of the flow rates of individual farmer. If registered WUA takes the metered water supply for micro irrigation then the rates applicable shall be 75% of the flow rates prescribed for registered WUA.

(14) If water charges for a season is paid in advance i.e. before commencement of that season then rebate @ 10% shall be given in applicable water charges for that season.

(15) Water rates in case of ex-malgujari tanks shall be governed by the order of the Supreme Court in case No. CIVIL Appeal No 2475 of 1968 dated 16/08/1978.

(16) If water supplied for irrigation use is found to be used for industrial purpose without prior permission of WRD, then assessment will be done at 2 times the rate applicable for industrial use.



(17) If BWUE does not pay water charges within time limit stipulated by BWSE in the bill, penal interest of the rate of 10% per year shall be charged.



Annexure - 2

Bulk Water Tariff for Domestic Water Use

Sr. No.	Type & source of Water Supply	Rates (Rs./Cum) (Rs. For 1000 Litre)			
		Gram Panchayat	Nagar Palika / Nagar Panchayat	Municipal Corporation	
				Domestic	Commercial
1	2	3	4	5	6
1	Assured Water Supply	0.30	0.35	0.55	2.75
2	Regulated Water Supply with transmission losses	0.60	0.70	1.10	5.50
3	Partly Regulated Water Supply	0.15	0.18	0.28	1.38
4	Water User Entity has shared proportionate cost and constructed basic infrastructure	0.05	0.06	0.09	0.44

Note:

- 1) Transmission losses proportionate to the allocation or actual use whichever is more be borne by water users. Evaporation losses to be borne by WRD.
- 2) For past agreements on sharing in total / proportionate cost of infrastructure or where shared cost of infrastructure is agreed to at planning stage in new projects or where weir / bandhara for the capacity equal to annual water demand is constructed by entity below a dam to use its share, the water rate will be 16% of applicable rate in proportion to the cost shared. However, any payment in share cost will be treated only as advance water tariff to be adjusted against concessional water tariff of 16% applicable rate. The number of years the concessional tariff will be operative will be calculated by NPV method with 10% rate of interest. On full adjustment of the advance tariff, the appropriate basic rate will become applicable.



Other Relevant Provisions:

- (1) While deciding annual demand as per the existing agreement with Municipal Corporation, Commercial use will be separately quantified and will be charged appropriate Commercial rate as per Column 6 of Annex. 2.
- (2) The Integrated Townships project, means a Project declared under Section 18 or 44 of Maharashtra Regional and Town Planning Act, 1966 and to which water is supplied directly by BWSE, will be charged at par with the Municipal Corporation as per Column 5 of Annexure 2.
- (3) During the construction phase of commercial entity, private colonies, townships, the water use will be charged at Commercial rate and after receipt of Completion Certificate and of Occupation Certificate, water use will be charged at the applicable rate of Municipal Corporations. If both uses are concurrent, different meters are to be installed and assessments be done accordingly.
- (4) If BWLEI, dependent on the wells within influence zone or distance from the boundary of the canals as stated in Section 26 of Maharashtra Ground Water (Development & Management) Act , 2009 then 50% of applicable rate will be charged. The definition of "Canal" is as per Sec. 2(3) of Maharashtra Irrigation Act, 1976.



- (5) Applicable rates will be charged fro annual water use. For more than 100% & less than 125% of sanctioned quota, water charges will be 1.50 times applicable rate and beyond 125% of sanctioned quantity, water charges will be 3.0 times applicable rate.
- (6) "Polluter pays" principle - ULBs are expected to treat sewage to the standard specified by Maharashtra Pollution Control Board (MPCB) before its release into a natural water course or an irrigation canal. ULBs, who have not installed Sewage Treatment Plant (STPs) based upon their water allocation & STPs not working to its full capacity, will be charged 2 times applicable rate for the sanctioned quota or actual water use whichever is higher.
- (7) Water used without agreement, will be charged at 2 times applicable rate.
- (8) If ULBs are found to be supplying water from its drinking water entitlement to industrial users without prior approval of BWSE, such water use will be charged at 3 times the applicable industrial water rates retrospectively.
- (9) Where meter is installed but it is found not functioning / removed for repairing / tampered / faulty, one months written notice shall be given for repairing & commissioning of the meter. Water meter shall be repaired within 60 days. Water charges for this period will at the applicable rate on the sanctioned quantity of water or recent water use whichever is higher. Extension of one month can be given for repairing the water meter depending on specific local situation. If this defect is not rectified within stipulated period, water charges will be 2 times applicable rate.



- (10) If BWUE does not pay water charges within time limit stipulated by BWSE in the bill, penal interest of the rate of 10% per year shall be charged.



Annexure - 3
Bulk Water Tariff for Industrial water use

Sr. No.	Type & source of Water Supply	Rates (Rs./Cum) (Rs. For 1000 Litre)		
		Process Industry	Water as Raw Material in Manufacturing Industry	Domestic Use in Industrial Units
1	2	3	4	5
1	Assured Water Supply	11.00	165.00	0.55
2	Regulated Water Supply with transmission losses	22.00	330.00	1.10
3	Partly Regulated Water Supply	5.50	82.50	0.28
4	Water User Entity has shared proportionate cost and constructed basis infrastructure	1.76	26.40	0.09

Note :-

- 1) Transmission losses proportionate to the allocation or actual use whichever is more be borne by water users. Evaporation losses at storage to be borne by WRD.
- 2) For past agreements on sharing in total / proportionate cost of infrastructure or where shared cost of infrastructure is agreed to at planning stage in new projects or where weir / bandhara for the capacity equal to annual water demand is constructed by entity below a dam to use its share, the water rate will be 16% of applicable rate in proportion to the cost shared. However, any payment in share cost will be treated only as advance water tariff to be adjusted against concessional water tariff of 16% on applicable rate. The number of years the concessional tariff will be operative will be calculated by NPV method with 10% rate of interest. On full adjustment of the advance tariff, the appropriate basic rate will become applicable.



Other Relevant Provisions:

(1) **Water Use for Processing and Raw Material Industry:**

1.1 "Processing Industries" means the industries using water for cooling, washing and such other purposes where the water used in final product is not consumptive use.

1.2 "Raw Material Industries" means water used in final product as consumptive use such as e.g. Bottled water plants, cold drinks, Spirit, Alcohol, Ethanol, Breweries & Distilleries or similar industries that will be charged at 15 times basic rate linked with source of supply i.e. as per Column 4 of Annexure 3.

1.3 "Domestic Use in Industry" means water used for colony developed by concerned Industry for residential purpose for its officers / workers and will be charged at the rate given in Column 5 of Annexure 3. However, quantity for "Domestic use in Industry" shall be fixed before agreement and separate conveyance pipeline, water meter and other necessary infrastructure facilities shall be complied with.

(2) If BWUE, dependent on the wells within influence zone or distance from the boundary of the canals as stated in Section 26 of Maharashtra Ground Water (Development & Management) Act, 2009 then 50% of applicable rate will be charged. The definition of "Canal" is as per Sec. 2(3) of Maharashtra Irrigation Act, 1976.



- (3) Water rates applicable for Agro-Industries like Sugar Industry with its cogeneration plant, Food grains and Fruits processing, Poultry, Rice Mill, Dairy, Vegetable Oil & Ghee etc. will be charged 75% of the applicable rate. However, this concession will not be applicable for industries manufacturing alcohol, spirit, ethanol, winery, breweries, distilleries from sugarcane, corn or similar crops, food grains, fruits and also to Perfume industries etc.
- (4) Applicable rates will be charged for annual water use up to 100% of sanctioned-quota. For water use more than 100% & less than 125% of sanctioned quota, water charges will be 1.50 times of AR and beyond 125% of sanctioned quota, water charges will be 3.0 times of AR.
- (5) "Polluter pays" principle - Every industry is expected to treat effluent to the standard specified by Maharashtra Pollution Control Board (MPCB) before its release into a natural water course or an irrigation canal. Industries, who have not installed Effluent Treatment Plant (ETPs) based upon their water allocation & ETPs not working to its full capacity, will be charged 2 times of Applicable Rate for the sanctioned quota or actual water use whichever is higher.
- (6) If an industry adopts Zero Liquid Discharge (ZLD) technology and draws only up to 25% of its allocation to cover pipeline loss, evaporation and process consumption, it will be charged only @ 25% of the applicable rate for the water drawn. However, this concession will be applicable to those



industries who reduce its annual sanctioned water demand upto minimum 75% or less. It will be mandatory to ascertain and certify this by the officer not below the rank of Executive Engineer.

- (7) Industries are entitled to reuse treated effluent. However, it is necessary to lift treated water for reuse by way of conveyance through closed pipeline from treatment plant (without discharging it into river /nalla). If such water is supplied for irrigation, its rates shall not be more than 60% of rates specified for irrigation by fresh water. Similarly, they shall submit details of such water use to WRD.
- (8) Water used without agreement, will be charged at 2 times applicable rate.
- (9) Where meter is installed but it is found not functioning / removed for repairing / tampered / faulty, one month written notice shall be given for repairing & commissioning of the meter. Water meter shall be repaired within 60 days. Water charges for this period will at the applicable rate on the sanctioned quantity of water or recent water use whichever is higher. Extension of one month can be given for repairing the water meter depending on specific local situation. If this defect is not rectified within stipulated period, water charges will be 2 times applicable rate.



(10) If BWUE does not pay water charges within time limit stipulated by BWSE in the bill, penal interest of the rate of 10% per year shall be charged.

—XXXX—



		Format-B
AUDITOR CERTIFICATE		
Station:	Mouda Super Thermal Power Station	
Month:	Apr-2022 to Mar-2023	
S. No	Details	Amount (in Rs. Cr.)
1	Cumulative Ash transportation expenditure incurred (as per MOEF&CC Notification dt. 31.12.2021) including any adjustments in respect of any prior months. Such expenditure shall include liability, if any. (X)	87.4333454
2A	Opening balance of ash sale revenue as on 01.04.2022 (O)	0
2B	Cumulative Ash sale revenue / proceeds received including any adjustments in respect of any prior months. (Y)	0.5542213
3	Cumulative Net Ash transportation expenses of Station (Z= X-Y-O)	86.8791241
4	Biliable Cumulative ash transportation expenses of Station (A = Z * F * 0.9)	78.1912116
Mouda Stage-1		
S.1	Biliable Cumulative Ash transportation expenses of Commercial Stage (C = A * Cum SG Commercial stage / Cum SG station)	33.9200036
B.1	Cumulative Ash transportation expenses billed to beneficiary N	$B_N = \text{Cum SG}_{\text{beneficiary N}} / \text{Cum SG}_{\text{commercial stage}} * [C]$
	CHATTISGARH	1.2142705
	CRLY	0.0594413
	DNH-DD	0.8081080
	GOA	0.5340038
	GUJARAT	16.2876478
	MAHARASHTRA	14.1566640
	MP	0.3860522
	NDMC	0.0370903
	PDD J&K	0.1775690
	TSPDCL-NSM	0.0679889
	TSSPDCL-NSM	0.1628810
	UP	0.1200337
	UTTARAKHAND	0.0086699
	WR. NVVN COAL	0.0601922
Mouda Stage-2		
S.2	Biliable Cumulative Ash transportation expenses of Commercial Stage (C = A * Cum SG Commercial stage / Cum SG station)	44.2703083
B.2	Cumulative Ash transportation expenses billed to beneficiary N	$B_N = \text{Cum SG}_{\text{beneficiary N}} / \text{Cum SG}_{\text{commercial stage}} * [C]$
	CHATTISGARH	1.5233005
	CRLY	0.0729751
	DNH-DD	2.0511940

	GOA	0.7066703
	GUJARAT	19.5244602
	MAHARASHTRA	18.6824256
	MP	0.5933086
	NDMC	0.0659550
	PDD J&K	0.2913034
	TSNPDCL-N&M	0.1123721
	TSSPDCL-N&M	0.2892117
	UP	0.2251389
	UTTARAKHAND	0.0183005
	WR-N&VN COAL	0.1355424

For
Management (NTPC)



Thota Vinodh Kumar
General Manager (Finance)




Reg. No.-100265

AUDITOR CERTIFICATE

S No	Details	Amount (in Rs. Cr.)
1	Cumulative Ash transportation expenditure incurred (as per MOEF&CC Notification dt. 31.12.2021) including any adjustments in respect of any prior months. Such expenditure shall include liability, if any. (X)	103.4257191
2A	Opening balance of ash sale revenue as on 01/04/2022 (O)	0
2B	Cumulative Ash sale revenue / proceeds received including any adjustments in respect of any prior months. (Y)	0.578109923
3	Cumulative Net Ash transportation expenses of Station (Z = X - Y - O)	102.8476091
4	Biliable Cumulative ash transportation expenses of Station (A = Z * F * 0.9)	92.2504268
Mouda Stage-1		
5.1	Biliable Cumulative Ash transportation expenses of Commercial Stage (C = A * Cum SG Commercial stage / Cum SG station)	42.9591171
6.1	Cumulative Ash transportation expenses billed to beneficiary N	$B_n = \text{Cum SG}_{\text{beneficiary N}} / \text{Cum SG}_{\text{commercial stage}} * [C]$
	CHATTISGARH	2.2426001
	CRLY	0.0365839
	DAHDO	1.5962054
	GDA	0.6160896
	GRIDCO	0.0071454
	GUJARAT	20.0955629
	MAHARASHTRA	17.4463188
	MP	0.2834260
	NBPDCL - NTPC	0.0009197
	NOMC	0.0165767
	PDD J&K	0.1812036
	SSPDCL - NTPC	0.0010795
	TSNPDCL-NM	0.0872898
	TSSPDCL-NM	0.2090736
	UP	0.0407578
	WR. NVM COAL	0.0959173

Mouza Stage 2		
52	Billable Cumulative Ash transportation expenses of Commercial Stage (C = A * Cum SG Commercial stage / Cum SG station)	49,291,3023
62	Cumulative Ash transportation expenses billed to beneficiary N	$E_N = \text{Cum SG}_{\text{beneficiary N}} / \text{Cum SG}_{\text{commercial stage}} * [C]$
	CHATTISGARH	2,655,2704
	ORLY	0,04,29839
	DNFDD	2,63,24091
	GOA	0,72,64075
	GRIDD	0,01,17101
	GUJARAT	20,57,56022
	MAHARASHTRA	21,17,51100
	MP	0,42,00451
	NBPDCI - NTPC	0,00,15134
	NDMC	0,02,90958
	FED J&K	0,29,33692
	SBPDCL - NTPC	0,00,17768
	TSPDCL-NISM	0,14,79941
	TSSPDCL-NISM	0,35,45518
	UP	0,06,76916
	WR NVVN COAL	0,15,46853

For
Management (NTPC)



Thota Vinodh Kumar
General Manager (Finance)
Date: 06/06/2024



For
Diwanji and Associates
FRN : 100227



CMA Sweetsy Shah
(Partner)
M No : 45648
UDIN: 244564882G3WJ7UF0M

Non Tariff Income to be shared with Beneficiaries for the FY 2019-20

(Amount in Rs.)

S.No.	Name	Net Non Tariff Income for sharing	Income to be shared (50%)
1	Singrauli Super Thermal Power	8,80,20,860	4,40,10,400
2	Rihand Superthermal Power Proj.	6,15,01,782	3,07,50,900
3	Uchhahar Super Thermal Power P	4,47,53,180	2,23,76,600
4	Tanda Thermal Power Project	1,48,23,073	74,11,500
5	National Capital Dadri Thermal	8,52,54,973	4,26,27,500
6	Auraiya Gas Power Project	84,13,319	42,06,700
7	Anta Gas Power Project	32,82,586	16,41,300
8	Dadri Gas Power Project	13,97,322	6,98,700
9	Fardabad Gas Power Project	30,70,536	15,35,300
10	Korba Super Thermal Power Proj.	6,74,87,816	3,37,43,900
11	Viridhyachal Super Thermal Power	7,74,57,634	3,87,28,800
12	Sipat Super Thermal Power Proj.	4,82,42,738	2,41,21,400
13	Kawasgas Power Project	26,06,908	13,03,500
14	Gandhargas Power Project	37,69,661	18,81,800
15	Farakka Super Thermal Power Pr	6,28,10,342	3,14,05,200
16	Kahalgani Super Thermal Power	6,22,08,912	3,11,04,500
17	Takher Super Thermal Power Pr	7,89,64,647	3,94,82,300
18	Takher Tps	50,78,859	25,39,400
19	Barh Thermal Power Plant	1,48,46,724	74,23,400
20	Ramagundam Super Thermal Power	10,25,27,664	5,12,58,700
21	Simhadri Thermal Power Project	4,10,22,169	2,08,11,100
22	Koldam Hydro Project	15,54,098	7,77,000
23	Bongalgaon	27,66,976	13,83,500
24	Maula	3,18,44,957	1,59,22,500
25	Solapur STPP	1,35,15,046	67,57,500
26	Katji STPP	3,13,50,897	1,56,75,400
27	Lara STPP	18,33,788	9,16,900
28	Gadarwara Super Th Power Plant	32,44,086	16,22,000
29	Darlipali	2,79,151	1,39,600
30	Khargone	8,35,800	4,17,900
31	Barauni Thermal Power Station	18,11,361	9,05,700
	Total	96,69,61,707	48,34,80,900

For
Management (NTPC)



Thota Vinod Kumar
AGM (Finance Commercial)

For Tanmaya S. Pradhan & Co.
(Cost Accountants)

For Tanmaya S. Pradhan & Co.
Cost Accountants



CMA Tanmaya S. Pradhan
CMA Tanmaya S. Pradhan
(Partner)

M.No. 17590

Non-Tariff income to be shared with Beneficiary for the year 2020-21.

Amount in ₹

S.No	Station Name	Net Non-Tariff income to be considered for Sharing	Non-Tariff income to be shared (50%)
1	Uppal Super Thermal Power Station	5,25,35,200	2,62,67,600
2	Wheeler Superthermal Power Project- Stage 1	2,74,34,400	1,37,17,200
3	Wheeler Superthermal Power Project- Stage 2	2,74,34,400	1,37,17,200
4	Wheeler Super Thermal Power Project- Stage 3	2,74,34,400	1,37,17,200
5	Uchhal Super Thermal Power Project- Stage 1	1,14,30,000	57,15,000
6	Uchhal Super Thermal Power Project- Stage 2	1,14,30,000	57,15,000
7	Uchhal Super Thermal Power Project- Stage 3	97,10,000	48,55,000
8	Uchhal Super Thermal Power Project- Stage 4	1,55,35,200	77,67,600
9	Uchhal Super Thermal Power Project- Stage 5	43,82,800	21,91,400
10	Laxda Thermal Power Project- Stage 2	44,32,700	22,16,350
11	National Capital Delhi Thermal- Stage 1	1,42,87,757	71,43,888
12	National Capital Delhi Thermal- Stage 2	2,97,68,508	1,48,84,254
13	Andhra Gas Power Project	64,38,200	32,19,100
14	Andhra Gas Power Project	14,35,400	7,17,700
15	Andhra Gas Power Project	22,87,800	11,43,900
16	Andhra Gas Power Project	21,35,800	10,67,900
17	Andhra Super Thermal Power Project- Stage 1 & 2	8,13,48,535	4,06,74,268
18	Andhra Super Thermal Power Project- Stage 3	2,17,32,905	1,08,66,452
19	Andhra Super Thermal Power Project- Stage 4	4,75,95,282	2,37,97,641
20	Andhra Super Thermal Power Project- Stage 5	2,58,55,228	1,29,27,614
21	Andhra Super Thermal Power Project- Stage 6	2,78,55,228	1,39,27,614
22	Andhra Super Thermal Power Project- Stage 7	2,78,55,228	1,39,27,614
23	Andhra Super Thermal Power Project- Stage 8	1,99,20,600	99,60,300
24	Andhra Super Thermal Power Project- Stage 9	75,20,627	37,60,313
25	Andhra Super Thermal Power Project- Stage 10	1,77,33,228	88,66,614
26	Andhra Gas Power Project	48,55,420	24,27,710
27	Andhra Gas Power Project	21,25,800	10,62,900
28	Andhra Super Thermal Power Project- Stage 1 & 2	1,80,55,638	90,27,819
29	Andhra Super Thermal Power Project- Stage 3	1,81,41,762	90,70,881
30	Andhra Super Thermal Power- Stage 4	78,95,808	39,47,904
31	Andhra Super Thermal Power Station- Stage 2	1,79,22,584	89,61,292
32	Andhra Super Thermal Power Project- Stage 1	1,40,80,457	70,40,228
33	Andhra Super Thermal Power Project- Stage 2	2,81,90,833	1,40,95,417
34	Andhra Gas	88,89,200	44,44,600
35	Andhra Thermal Power Plant- Stage 2	2,43,90,800	121,95,400
36	Andhra Super Thermal Power- Stage 1 & 2	4,02,47,700	2,01,23,850
37	Andhra Super Thermal Power- Stage 3	2,43,68,500	121,84,250
38	Andhra Thermal Power Project- Stage 1	1,71,90,800	85,95,400
39	Andhra Thermal Power Project- Stage 2	1,92,80,800	96,40,400
40	Andhra Super Thermal Power Project	15,95,200	7,97,600
41	Andhra	1,27,80,200	63,90,100
42	Andhra	2,18,25,800	109,12,900
43	Andhra- Stage 2	1,58,84,562	79,42,281
44	Andhra STP	1,30,52,400	65,26,200
45	Andhra STP	80,87,800	40,43,900
46	Andhra STP	41,24,800	20,62,400
47	Andhra Super Thermal Power Project	2,07,20,000	1,03,60,000
48	Andhra	15,00,200	7,50,100
49	Andhra	78,94,800	39,47,400
50	Andhra Thermal Power Station- Stage 1	19,41,800	9,70,900
51	Andhra Thermal Power Station- Stage 2	30,45,000	15,22,500
	Total	1,25,74,38,000	62,87,19,000

For Management (WFO)

[Signature]

Deputy Vice-Chief
ADM (Finance (Commercial))

For R.M. Samsal
Chief Accountant
PAN-900622



[Signature]
R.M. Samsal
(Partner)
M.No. 3323

UDIN2103323 2215R 7V KJ W7
Date- 03-12-21

NTPC Ltd.

Non-Tariff Income to be shared with Beneficiary for the year 2022-23

Amount in ₹

S.No.	Station Name	Net Non-Tariff Income to be considered for Sharing	Non-Tariff Income to be shared (50%)
1	Integral Super Thermal Power Station	4,27,50,000	2,13,75,000
2	Wahad Superthermal Power Project- Stage 1	8,33,30,000	4,16,65,000
3	Wahad Superthermal Power Project- Stage 2	8,33,30,000	4,16,65,000
4	Wahad Superthermal Power Project- Stage 3	8,33,30,000	4,16,65,000
5	Udabehar Super Thermal Power Project- Stage 1	36,34,000	18,17,000
6	Udabehar Super Thermal Power Project- Stage 2	36,34,000	18,17,000
7	Udabehar Super Thermal Power Project- Stage 3	36,34,000	18,17,000
8	Udabehar Super Thermal Power Project- Stage 4	37,10,000	18,55,000
9	Teesta Thermal Power Project- Stage 1	41,25,000	20,62,500
10	Teesta Thermal Power Project- Stage 2	1,25,15,000	62,57,500
11	National Capital South Thermal- Stage 1	14,50,50,000	7,25,25,000
12	National Capital South Thermal- Stage 2	16,70,00,000	8,35,00,000
13	London Gas Power Project	52,44,300	26,22,150
14	Atka Gas Power Project	54,45,000	27,22,500
15	South Gas Power Project	8,80,000	4,40,000
16	Paritosh Gas Power Project	15,00,000	7,50,000
17	Bonga Super Thermal Power Project- Stage 1 & 2	9,05,17,000	4,52,58,500
18	Bonga Super Thermal Power Project- Stage 3	1,36,99,000	68,49,500
19	Madhupur Super Thermal Power Project- Stage 1	4,58,21,000	2,29,10,500
20	Madhupur Super Thermal Power Project- Stage 2	3,11,80,000	1,55,90,000
21	Madhupur Super Thermal Power Project- Stage 3	3,11,80,000	1,55,90,000
22	Madhupur Super Thermal Power Project- Stage 4	3,31,80,000	1,65,90,000
23	Madhupur Super Thermal Power Project- Stage 5	1,65,90,000	82,95,000
24	Ujar Super Thermal Power Project- Stage 1	6,76,11,000	3,38,05,500
25	Ujar Super Thermal Power Project- Stage 2	11,88,78,000	5,94,39,000
26	Kewajpur Power Project	45,00,000	22,50,000
27	Gandhinagar Power Project	11,34,000	5,67,000
28	Farakka Super Thermal Power Project- Stage 1 & 2	1,76,21,000	88,10,500
29	Farakka Super Thermal Power Project- Stage 3	1,18,20,000	59,10,000
30	Samagpur Super Thermal Power- Stage 1	1,95,41,000	97,70,500
31	Samagpur Super Thermal Power Station- Stage 2	4,86,90,000	2,43,45,000
32	Tachar Super Thermal Power Project- Stage 1	8,41,67,000	4,20,83,500
33	Tachar Super Thermal Power Project- Stage 2	16,83,34,000	8,41,67,000
34	Beri Thermal Power Plant- Stage 1	49,00,000	24,50,000
35	Beri Thermal Power Plant- Stage 2	1,27,21,000	63,60,500
36	Samagpuram Super Thermal Power- Stage 1 & 2	8,17,24,000	4,08,62,000
37	Samagpuram Super Thermal Power- Stage 3	1,90,30,000	95,15,000
38	Dehri Thermal Power Project- Stage 1	1,44,25,000	72,12,500
39	Dehri Thermal Power Project- Stage 2	1,01,20,000	50,60,000
40	Kanpur Hydro Project	44,94,000	22,47,000
41	Samagpur	1,23,10,000	61,55,000
42	Maadi	2,09,34,000	1,04,67,000
43	Maadi- Stage 2	1,13,33,000	56,66,500
44	Shreepur STP	1,10,21,000	55,10,500
45	Shree STP	1,40,30,000	70,15,000
46	Shree STP	1,28,88,000	64,44,000
47	Udabehar Super HI Power Plant	2,13,91,000	1,06,95,500
48	Dehri	19,00,000	9,50,000
49	Samagpur	17,99,000	8,99,500
50	Samal Thermal Power Station- Stage 1	16,81,200	8,40,600
51	Samal Thermal Power Station- Stage 2	16,81,200	8,40,600
52	Samagpur Super Thermal Power Station- Stage 1	5,90,16,000	2,95,08,000
53	Wardhaapur HT (KRD) Stage 2	28,20,000	14,10,000
		1,81,71,18,000	90,85,59,000

For
Management (NTPC)

Tushar Kumar

Tushar Kumar
GM (Finance & Accounts)

For R.J. Goel & Co.,
Cost Accountants



(Rajendra Goel)
Partner
Membership No. 14076

Rajendra Goel
02-06-2023

UDIN: 231425622568FOHISM

Sl No.	Station Name	Net Non-tariff income to be considered for sharing	Non-tariff income to be shared (70%)
1	Adampur Super Thermal Power Project	21,44,08,483	14,90,85,938
2	Barak Super Thermal Power Project Stage 1	8,21,17,858	5,74,82,499
3	Barak Super Thermal Power Project Stage 2	8,32,43,808	5,82,70,665
4	Barak Super Thermal Power Project Stage 3	6,74,12,870	4,71,89,008
5	Chandrapur Super Thermal Power Project Stage 1	4,51,23,008	3,15,86,105
6	Chandrapur Super Thermal Power Project Stage 2	1,57,15,988	1,10,01,191
7	Chandrapur Super Thermal Power Project Stage 3	1,58,54,000	1,10,97,800
8	Chandrapur Super Thermal Power Project Stage 4	1,24,81,700	87,36,790
9	Chandrapur Super Thermal Power Project Stage 5	1,13,13,500	79,19,450
10	Tunga Thermal Power Project Stage 2	3,41,87,500	2,39,31,250
11	Madhav Capital Grid Thermal Stage 1	8,86,14,833	6,20,30,383
12	Madhav Capital Grid Thermal Stage 2	24,17,82,833	16,92,47,983
13	Rudra Sai Power Project	11,61,833	8,13,283
14	Ruda GH Power Project	25,59,200	17,91,440
15	Shree Sai Power Project	8,51,833	5,96,283
16	Sidhulohari GH Power Project	18,87,200	13,21,040
17	Kirtipur Thermal Power Project Stage 1 & 2	11,04,61,888	7,73,23,321
18	Kirtipur Thermal Power Project Stage 3	3,82,70,800	2,67,89,560
19	Vindhya GH Super Thermal Power Project Stage 1	4,21,89,800	2,95,32,860
20	Vindhya GH Super Thermal Power Project Stage 2	4,51,47,200	3,16,03,040
21	Vindhya GH Super Thermal Power Project Stage 3	3,45,34,200	2,41,73,940
22	Vindhya GH Super Thermal Power Project Stage 4	2,83,44,000	1,98,40,800
23	Vindhya GH Super Thermal Power Project Stage 5	1,31,23,833	92,86,683
24	Yash Super Thermal Power Project Stage 2	4,76,85,833	3,33,79,083
25	Yash Super Thermal Power Project Stage 3	6,43,16,233	4,50,21,363
26	Kewajia Power Project	81,25,700	56,88,000
27	Gold Mines Power Project	85,43,283	59,80,300
28	Turkhal GH Super Thermal Power Project Stage 1 & 2	1,81,68,500	1,27,17,950
29	Farakka Super Thermal Power Project Stage 1	1,42,54,900	1,00,00,000
30	Farakka Super Thermal Power Project Stage 2	1,01,85,833	71,31,100
31	Farakka Super Thermal Power Project Stage 3	5,57,92,897	3,90,56,828
32	Farakka Super Thermal Power Project Stage 4	4,26,71,283	2,98,69,897
33	Farakka Super Thermal Power Project Stage 5	5,82,41,777	4,07,69,244
34	Farakka Super Thermal Power Project Stage 6	1,15,51,893	81,26,326
35	Barh Thermal Power Plant Stage 2	1,61,75,788	1,13,22,851
36	Barh Thermal Power Plant Stage 3	1,83,81,283	1,28,66,878
37	Barh Thermal Super Thermal Power Plant Stage 1 & 2	1,43,14,288	1,00,20,000
38	Barh Thermal Super Thermal Power Plant Stage 3	1,32,88,833	93,22,180
39	Barh Thermal Super Thermal Power Plant Stage 4	1,38,41,800	96,89,260
40	Barh Thermal Super Thermal Power Plant Stage 5	1,35,11,833	94,58,283
41	Barh Thermal Super Thermal Power Plant Stage 6	33,85,000	23,69,500
42	Baleshwar	1,17,54,333	82,26,033
43	Baleshwar	1,29,74,600	90,74,220
44	Baleshwar	1,50,94,000	1,05,65,800
45	Baleshwar	1,68,70,200	1,18,09,140
46	Baleshwar	1,85,17,833	1,29,62,483
47	Barh	4,86,77,000	3,40,73,900
48	Barh	1,58,03,044	1,10,62,130
49	Barh	1,48,81,833	1,04,17,283
50	Barh	1,58,13,833	1,10,69,683
51	Barh	8,62,888	6,04,021
52	Barh	4,38,47,777	3,06,93,444
53	Barh	1,25,11,833	87,58,283
54	Barh	64,91,833	45,44,283
		2,19,84,36,888	1,53,88,94,880

For
Management (NTPC)

Prada Devi Kumar
GM (Finance Controller)For S. Dhal & Co.
Cost Accountants

Sushil Kumar Dhal
Partner
Membership No. 2985

UDIN - 24228352ZV33V6100



Details/Information to be provided to beneficiaries under Clause (7) of Regulation 30 of CER (Terms & conditions of Tariff) Regulations, 2014

Details/Information to be submitted in respect of fuel for Computation of Energy Charges

Company		NTPC			
Name of generating Station		MOUDA STAGE I			
Month		Oct 18			
Sl.No	Particulars	Unit	Domestic coal		Imported Coal
			Supplied by rail	E-auction coal	
1	Quantity of Coal/lignite supplied by coal/lignite company (inclusive of opening stock) *	MT	5,94,815.92	1,58,894.80	0.00
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00	0.00
3	Coal supplied by Coal/lignite Company (1+2)	MT	5,94,815.92	1,58,894.80	0.00
4	Normative transit & Handling losses (for Coal based projects)	MT	4,549.98	1,213.77	0.00
5	Net Coal/lignite supplied (3 - 4)	MT	5,90,265.94	1,57,781.03	0.00
6	Amount charged by the Coal/lignite Company	Rs.	1,28,93,97,145.00	81,93,01,959.00	0.00
7	Adjustment (+ / -) in amount charged by coal/lignite Company	Rs.	0.00	0.00	0.00
8	Total Amount (6 + 7)	Rs.	1,28,93,97,145.00	81,93,01,959.00	0.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	81,91,77,651.00	23,08,96,875.00	0.00
10	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
11	Demurrage charges, if any	Rs.	11,97,952.00	2,45,229.00	0.00
12	Cost of diesel in transporting Coal through MGR system, if applicable	Rs.	0.00	0.00	0.00
13	Total transportation charges (9 + 10 - 11 + 12)	Rs.	81,79,79,699.00	23,06,51,646.00	0.00
14	Total amount charged for Coal / Lignite supplied including transportation (8 + 13)	Rs.	2,10,73,76,844.00	1,04,99,53,605.00	0.00
15	Landed Cost of Coal / lignite	Rs / MT	3,570.22	6,654.50	0.00
16	Blending ratio(Domestic/Imported)**			1.00X	
17	Weighted average cost of coal / lignite	Rs / MT		4225.76	
18	GCV of domestic coal as per bill of coal company (On Tq. basis)	Kcal/kg		4,093	
19	GCV of imported coal as per bill of coal company (on air dried basis)	Kcal/kg			
20	Weighted average GCV of coal/lignite as billed (Wtd avg of Sl. No 18 & 19)	Kcal/kg		4093	
21	GCV of domestic coal as received at station (On TM basis)	Kcal/kg		3,654	
22	GCV of imported coal as received at station (On TM basis)	Kcal/kg			0
23	Weighted average GCV of coal as received at station (On TM basis)	Kcal/kg		3654	



J. BAGGA

MNO 087002

PARTNER

22/01/2020
507

UDIN: 20087002AAAAAF9790

Mr. J. Bagga, Director, C.S.
 and Director (Gen. / ACU (Finance))
 Technical Index - NTPC Limited
 NTPC House, Plot No. 1, Sector - 1, Gurgaon - 122001, Haryana
 and NTPC House, Plot No. 1, Sector - 1, Gurgaon - 122001, Haryana
 and NTPC House, Plot No. 1, Sector - 1, Gurgaon - 122001, Haryana

Details/Information to be provided to beneficiaries under Clause (7) of Regulation 10 of CERC (Terms & conditions of Tariff) Regulations, 2014

Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges

Company		NTPC			
Name of generating Station		MOUDA STAGE I			
Month		Nov 18			
Sl.No	Particulars	Unit	Domestic coal		Imported Coal
			Supplied by rail	E-auction coal	
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,52,643.72	1,78,361.88	0.00
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00	0.00
3	Coal supplied by Coal/lignite Company (1+2)	MT	5,52,643.72	1,78,361.88	0.00
4	Normative transit & Handling losses (for Coal based projects)	MT	3,921.51	1,348.12	0.00
5	Net Coal/lignite supplied (3 - 4)	MT	5,48,722.21	1,77,013.76	0.00
6	Amount charged by the Coal/lignite Company	Rs.	1,24,06,18,190.00	85,48,75,516.00	0.00
7	Adjustment (+ / -) in amount charged by coal/lignite Company	Rs.	0.00	0.00	0.00
8	Total Amount (6 +7)	Rs.	1,24,06,18,190.00	85,48,75,516.00	0.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	72,07,85,600.00	24,79,72,830.50	0.00
10	Adjustment (+/-) in amount charged by railway / transport company	Rs.	0.00	0.00	0.00
11	Demurrage charges, if any	Rs.	11,58,736.00	4,65,575.00	0.00
12	Cost of diesel in transporting Coal through NGR system, if applicable	Rs.	5,65,42,543.00	1,94,38,017.00	0.00
13	Total transportation charges (9+/- 10 - 11 + 12)	Rs.	77,61,69,807.00	26,69,45,272.50	0.00
14	Total amount charged for Coal / Lignite supplied including transportation (8 + 13)	Rs.	2,01,67,87,997.00	1,12,18,20,788.50	0.00
15	Landed Cost of Coal /Lignite	Rs / MT	3,675.43	6,337.48	0.00
16	Blending ratio(Domestic/Imported)**			1.000	
17	Weighted average cost of coal /Lignite	Rs / MT		4215.81	
18	GCV of domestic coal as per bill of coal company (On Eq basis)	Kcal/kg		4,003	
19	GCV of imported coal as per bill of coal company (on Air dried basis)	Kcal/kg			
20	Weighted average GCV of coal/lignite as billed (Wtd avg of Sl. No 18 & 19)	Kcal/kg		4003.00	
21	GCV of domestic coal as received at station (On TM basis)	Kcal/kg		3,876	
22	GCV of imported coal as received at station (On TM basis)	Kcal/kg			0
23	Weighted average GCV of coal as received at station (On TM basis)	Kcal/kg		3876.00	



(S. Bhatnagar)
M.No: 087007 20/01/2020

PART 508


VDIN: 20087007AAAAAF9790

for the year / GCV of C. S.
for the year (Nov) / AGM (Financial)
Account holder: NTPC Limited
for the year 2018-19 / S.S.C. W.P. 1, Kanpur
for the year 2018-19 / Kanpur Gas Power Project
Address: 200-211004 / Adityanagar, Surat-394016

Details/Information to be provided to beneficiaries under Clause (7) of Regulation 30 of CERC (Terms & conditions of Tariff) Regulations, 2014

Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges

		NTPC			
		MOUDA STAGE I			
		Dec 18			
Sl.No	Particulars	Unit	Domestic coal		
			Supplied by rail	E-auction coal	Imported Coal
1	Quantity of Coal/lignite supplied by coal/lignite company (Inclusive of opening stock) *	MT	5,92,208.69	1,53,565.41	0.00
2	Adjustment (+/-) in quantity supplied made by Coal/lignite Company	MT	0.00	0.00	0.00
3	Coal supplied by Coal/lignite Company (1+2)	MT	5,92,208.69	1,53,565.41	0.00
4	Normative transit & Handling losses (for Coal based projects)	MT	4,208.23	1,199.28	0.00
5	Net Coal/lignite supplied (3 - 4)	MT	5,88,000.42	1,52,366.13	0.00
6	Amount charged by the Coal/lignite Company	Rs.	1,36,87,49,903.00	65,64,72,356.00	0.00
7	Adjustment (+/-) in amount charged by coal/lignite Company	Rs.	0.00	0.00	0.00
8	Total Amount (6 + 7)	Rs.	1,36,87,49,903.00	65,64,72,356.00	0.00
9	Transportation charges by Rail / Ship / Road Transport	Rs.	72,68,23,249.50	20,33,24,707.50	0.00
10	Adjustment (+/-) in amount charged by railways / transport company	Rs.	0.00	0.00	0.00
11	Demurrage charges, if any	Rs.	14,34,274.00	5,46,841.00	0.00
12	Cost of diesel in transporting Coal through MGR system, if applicable.	Rs.	16,51,58,210.00	4,70,67,242.00	0.00
13	Total transportation charges (9+10+11+12)	Rs.	89,05,47,185.50	24,98,45,108.50	0.00
14	Total amount charged for Coal / Lignite supplied including transportation (8 + 13)	Rs.	2,25,92,97,088.50	90,63,17,464.50	0.00
15	Landed Cost of Coal /Lignite	Rs / MT	3,842.34	5,948.29	0.00
16	Blending ratio(Domestic/Imported)**			1.000	-
17	Weighted average cost of coal /Lignite	Rs / MT		4339.65	
18	GCV of domestic coal as per bill of coal company (On Eq basis)	Kcal/kg		4,055	
19	GCV of imported coal as per bill of coal company (on Air dried basis)	Kcal/kg			
20	Weighted average GCV of coal/lignite as billed (Wtd avg of Sl. No 18 & 19)	Kcal/kg		4055.00	
21	GCV of domestic coal as received at station (On TM basis)	Kcal/kg		3,727	
22	GCV of imported coal as received at station (On TM basis)	Kcal/kg			0
23	Weighted average GCV of coal as received at station (On TM basis)	Kcal/kg		3727.00	


 (J. Lakshmi)
 NO. 087002
 PARTNER
 509
 UDSEN: 20087002AAAAAF9790
 22/01/2020

Date of issue / Date of receipt
 Issued for office (To) : ACM (Finance)
 Issued to (By) : NTPC Limited
 Issued for office (To) : S.S.C. WR-1, Kavaratti
 Issued for office (To) : Kavaratti Gas Power Project
 Address: Kavaratti, Lakshadweep / Adityanagar, Surat-394188

Details / Information to be submitted in respect of fuel for computation of Energy charges

Name of the company
Name of the power stationNTPC
Mouda Stage I


S.No	Particulars	Unit	OCT 18	Nov 18	Dec 18
1	Quantity of HFO/LDO supplied by oil company inclusive of opening stock	KL	4,229.29	6,220.81	5,618.16
2	Adjustment(+/-) in qty supplied by Oil company	KL	0.00	0.00	0.00
3	HFO/LDO supplied by oil company (1+2)	KL	4,229.29	6,220.81	5,618.16
4	Normative travel & handling losses	KL			
5	Net oil supplied (3-4)	KL	4,229.29	6,220.81	5,618.16
6	Amount charged by Oil company	Rs	20,05,06,818.88	34,40,88,144.26	31,07,54,121.80
7	Adjustment in amount charged by Oil company	Rs	0.00	0.00	0.00
8	Total amount charged (6+7)	Rs	20,05,06,818.88	34,40,88,144.26	31,07,54,121.80
9	Transportation charges by rail/shipped	Rs	0.00	0.00	0.00
10	Adjustment(+/-) in amount charged by Oil company	Rs	0.00	0.00	0.00
11	Demurrage charges (if any)	Rs	0.00	0.00	0.00
12	Cost of diesel in transporting HFO/LDO if applicable	Rs	0.00	0.00	0.00
13	Total transportation charges (9+10+11+12)	Rs	0.00	0.00	0.00
14	Others/E. Tax	Rs	0.00	0.00	0.00
15	Total amount charged for HFO/LDO (8+13+14)	Rs	20,05,06,818.88	34,40,88,144.26	31,07,54,121.80
16	Weighted average rate of HFO/LDO (15/5)	Rs	47,409.06	55,312.41	55,312.41
17	Weighted average GCV of HFO/LDO	Kcal/Wire	9,460.00	9,559.00	9,707.00



(CA J. LAGGA)
M.A. No. 087002

Resubmitted 22/01/2020

UDIN: 20087002AAAAAF9790

Signature: 
 Name of the signatory: Ganesh C. S.
 Designation: AGM (Finance)
 Company Name: NTPC Limited
 Address: Plot No. 1 & 2, Phase I, S.S.C. VRS-1, Kaveri
 Water Treatment Plant / Kaveri Gas Power Project
 Mysore, Karnataka / Adityanagar, Sosa-580010.

2019-2020 Financial Statement - General Fund		2019-2020		
		2019		
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FOR K. MENHA & CO.
 DISTRICT ADMINISTRATOR

Handwritten: **Chief**
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11/11/2020

UDN: 2091382 AAAAGM4150

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PART
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Description	QTY	PRICE		
		UNIT PRICE	AMOUNT	TOTAL
1. Material				
2. Labour				
3. Transport				
4. Supervision				
5. Contingency				
6. Profit				
7. Miscellaneous				
8. Total				
9. Grand Total				

S. K. MEHTA & CO.
CHARTERED ACCOUNTANTS

Handwritten: 11/6/2020

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UDIN: 20091382 AAAAGD3943

Particulars		BTL		
		MONTH WISE		
		FOR 2021		
		APRIL	MAY	JUNE
1. Balance b/d				
2. Balance b/f				
3. Total				
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S. Ghosh / P. Chatterjee
 Chartered Accountants
 101, Park Street, Kolkata
 101, Park Street / APFC Limited

 Phone: 983 016 315 (Office)
 Mobile: 983 016 315 (Mobile)

For **S.K. MEHTA & CO.**
 Chartered Accountants (Firm)

S.K. MEHTA
 PARTNER, W-102, D-1302

UDIN - 210913B2AAAAKM3027
 Date - 30/06/2021

Particulars		2021			2020		
		2021	2020	2021	2020	2021	2020
Revenue		1,23,45,678	1,12,34,567	1,23,45,678	1,12,34,567	1,23,45,678	1,12,34,567
Expenses		(87,65,432)	(76,54,321)	(87,65,432)	(76,54,321)	(87,65,432)	(76,54,321)
Profit		35,80,246	35,80,246	35,80,246	35,80,246	35,80,246	35,80,246
Total		35,80,246	35,80,246	35,80,246	35,80,246	35,80,246	35,80,246



S. Mehta / P. Subramaniam
 Chartered Accountants
 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

For S. K. MEHTA & CO.
 Chartered Accountants (Firm)

CA. S. K. MEHTA
 PARTNER, 16/06/2021

UPIN-2109382AAAAK01892

Date - 30/06/2021

No	Uraian	Saldo Awal	Saldo Akhir	Saldo Awal	Saldo Akhir	Saldo Awal	Saldo Akhir
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PT NTRC
 PT NTRC (Pers) Tbk
 Jalan Jenderal Sudirman No. 100
 Jakarta Selatan 12160
 Telp. (021) 510 0100 / 510 0101
 Faks. (021) 510 0102

For **SK MEHTA & CO.**
 (INDONESIA)

CA RIHY MEHTA
 PARENTAL M AND SGTARE

UDIN - 21091382AAAAEP8377
 Dat - 30/06/2021

Particulars		2021	2022	2023
ASSETS				
Fixed Assets				
Land and Buildings				
Plant and Machinery				
Investments				
Other Fixed Assets				
Total Fixed Assets				
Current Assets				
Stocks				
Debtors				
Prepaid Expenses				
Cash				
Total Current Assets				
Total Assets				
LIABILITIES				
Capital				
Equity Share Capital				
Reserves				
Total Capital				
Liabilities				
Debtors				
Other Liabilities				
Total Liabilities				
Total Liabilities				

(Signature)

Dr. Vikram / P. Srivastava
 Chartered Accountant (Firm)
 10/108, Sector 17, Gurgaon
 Haryana - 122002
 Office: Sector 17, Gurgaon
 Office: Sector 17, Gurgaon
 Office: Sector 17, Gurgaon
 Office: Sector 17, Gurgaon

For S. K. MEHTA & CO.
 Chartered Accountants (Firm)

(Signature)
CA. RAHIT MEHTA
 Member, ICAI

UDIN - 21091352AAAA08213
Date - 30/06/2024

Details of Invoicing for consumption of Energy Charges		NTFC					
Name of the generating station		INDIA STAGE 1					
Month		Oct 23 Rev					
Sl	Particulars	Unit	Domestic Coal Special arrangement	Domestic Coal	Electricity coal	Imported coal	Rs/Mwh
A) OPENING QUANTITY							
1	Opening Stock of coal	(MT)	71,718.41	18,508.90	-99.28	1,797.24	0.00
2	Closing of Stock	(MT)	10,25,33,159.46	8,99,42,533.89	45,47,912.46	2,38,30,799.19	0.00
B) QUANTITY							
3	Quantity of Coal /Lignite supplied by Coal / Lignite Company	(MT)	1,78,864.87	1,08,369.42	0.00	90,232.45	491.90
4	Adjustment (+/-) in quantity supplied made by Coal / Lignite Company	(MT)	0.00	0.00	0.00	0.00	-0.00
5	Coal supplied by Coal/Lignite Company (T+)	(MT)	1,78,864.87	1,08,369.42	0.00	90,232.45	491.90
6	Normal loss (Theft & Handling losses (for Coal/Lignite based on weight)	(MT)	4,740.00	1,020.00	0.00	110.51	9.00
7	Net Coal / Lignite received (B - 6)	(MT)	1,74,124.87	1,07,349.42	0.00	89,992.94	482.90
C) PRICE							
8	Amount charged by the Coal / Lignite Company	(Rs)	1,75,80,84,209.52	51,81,87,052.85		98,81,74,318.86	29,29,870.01
9	Adjustment (+/-) in amount charged by coal / lignite Company	(Rs)					
10	Handling, Sampling and such other similar charges	(Rs)	1,08,46,472.47	24,46,550.29	0.00	3,55,54,297.59	0.00
11	Total Amount charged (8 + 9 + 10)	(Rs)	1,76,89,30,681.99	52,06,42,603.14	0.00	1,02,37,314.45	29,29,870.01
D) TRANSPORTATION							
12	Transportation charges by Rail / Ship / Road Transport	(Rs)					
	By Rail	(Rs)	71,45,36,542.60	20,23,42,798.61	0.00	4,41,374.00	1,10,000.00
	By Road	(Rs)					
	By Ship	(Rs)					
13	Adjustment (+/-) in amount charged by railways / transport companies	(Rs)					
14	Demurrage charges, if any	(Rs)	22,41,788.00	22,82,360.00		4,11,874.00	
15	Cost of Rental in transporting Coal through MGT systems, if applicable	(Rs)					
16	Total transportation charges (12 + 13 + 14 + 15)	(Rs)	74,09,56,118.60	23,08,608.61	0.00	4,57,248.00	1,10,000.00
17	Total amount charged for Coal / Lignite received including transportation	(Rs)	1,84,28,86,800.59	75,15,034.75	0.00	1,06,94,562.45	30,39,870.01
E) TOTAL COST							
18	Loaded Cost of Coal/Lignite (C+D+17) / (B+7)	(Rs/MT)	8,288.60	6,891.33	0,000.00	11,878.48	7,042.90
19	Handling Rate (Domestic/Imported)	(Rs/MT)	0.00000	0.00000	0.00000	0.00000	0.00000
20	Weighted average cost of Coal/Lignite (including losses)	(Rs/MT)					
21	Weighted average cost of Coal/Lignite (including losses)	(Rs/MT)					
F) QUALITY							
22	GCV of Domestic coal of the opening coal stock as per bill of sale covering	(Kcal/Kg)					
23	GCV of Domestic coal received as per bill of sale covering	(Kcal/Kg)	1,340	4,373	6,301		
24	GCV of imported coal of the opening coal stock as per bill of sale	(Kcal/Kg)	3,675	6,713		1,094	
25	GCV of imported coal received as per bill of sale covering	(Kcal/Kg)				1,410	
26	Weighted average GCV of Coal/Lignite received (including losses)	(Kcal/Kg)				4,573	
27	Weighted average GCV of Coal/Lignite as billed (including losses)	(Kcal/Kg)				4,573	
28	GCV of Domestic coal of the Opening stock as received at station	(Kcal/Kg)	1,340	4,373	6,301		
29	GCV of Domestic coal received as received at station	(Kcal/Kg)	2,367	5,268			1,094
30	GCV of imported coal of the Opening stock as received at station	(Kcal/Kg)				1,211	
31	GCV of imported coal received as received at station	(Kcal/Kg)				1,410	
32	Weighted Average GCV of coal/ Lignite as received (including losses)	(Kcal/Kg)				4,573	
33	Weighted average GCV of coal/ lignite as billed (including losses)	(Kcal/Kg)				4,573	

J. Jain
(J Anur Manu Roy)
Sr. Mgr (F&A)
UFCA - Fuel
NTFC Dadri

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Title of Accounts and the description of items therein		WHD				
Company		MCDIA STAGE 1				
Name of the generating station		May 22 Rev				
Month						
Sl. Particulars	Unit	Domestic Coal Normal arrangement	Domestic Coal	Foreign coal	Imported coal	Rs. Mton
A) OPENING QUANTITY						
1 Opening Stock of coal	MT	1,44,700.70	1,44,700.70	493.00	1,45,193.70	0.00
2 Value of Stock	Rs.	22,55,29,846.79	49,35,077.37	81,47,312.40	1,36,40,371.90	0.00
B) QUANTITY						
3 Quantity of Coal/ignite supplied by Coal / Ignite Company	MT	7,11,302.42	3,33,743.52	0.00	81,411.30	947.58
4 Adjustment (+ / -) in quantity supplied made by Coal / Ignite Company	MT	0.00	0.00	0.00	0.00	0.00
5 Coal received by Coal/Ignite Company (1+4)	MT	7,11,302.42	3,33,743.52	0.00	81,411.30	947.58
6 Consumption losses & Handling losses (In: Coal/Ignite subject provided)	MT	0,700.42	1,708.53	0.00	122.80	0.00
7 Net Coal / Ignite supplied (1 - 6)	MT	7,10,602.00	3,32,035.00	0.00	81,288.50	947.58
C) PRICE						
8 Amount charged by the Coal / Ignite Company	Rs.	1,17,43,02,884.82	86,27,79,305.40		2,19,80,17,679.40	72,22,408.00
9 Adjustment (+ / -) in amount charged by Coal / Ignite Company	Rs.					
10 Handling/Loading charges (Over: Sealer charges)	Rs.	1,79,57,817.48	54,08,187.57	0.00	0,17,50,184.89	0.00
11 Total Amount charged (8+9+10)	Rs.	1,19,22,60,702.30	86,81,87,492.97	0.00	2,20,00,17,864.29	72,22,408.00
TRANSPORTATION						
12 Transportation charges by Rail / Road / Water Transport						
By Rail	Rs.	17,05,30,417.50	18,29,81,798.24	0.00	5,79,807.00	455,341.42
By Road	Rs.					
By Sea	Rs.					
13 Adjustment (+ / -) in amount charged by various / Transport Company	Rs.					
14 Demurrage charges, if any	Rs.	27,58,103.00	34,79,217.00		9,71,897.00	
15 Cost of Diesel/ Fuel/Powering Coal through WHD system, if available	Rs.					
16 Total transportation charges (12+13+14+15)	Rs.	19,82,41,937.50	18,64,00,915.24	0.00	6,00	6,26,346.42
17 Total amount charged for Coal / Ignite supplied including transportation	Rs.	1,21,05,02,639.80	1,05,46,88,408.21	0.00	2,20,00,18,044.29	72,85,047.42
D) TOTAL COST						
18 Domestic Cost of Coal/Ignite (1+11+17) (1+17)	Rs./MT	1,741.22	4,891.48	0,312.84	18,811.80	8,490.89
19 Handling/Loading charges (10+14)	Rs./MT	0,000.00	0,000.00	0,000.00	0,000.00	0,000.00
20 Weighted average cost of Coal/Ignite (18+19) (18+19)	Rs./MT					
E) QUALITY						
21 GCV of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)	5,081	4,725	4,303		
22 GCV of Domestic coal supplied as per bill of coal company	(Kcal/Kg)	3,887	4,612			2,019
23 % of Domestic coal of the opening coal stock as per bill of coal company	(Kcal/Kg)					
24 % of Domestic coal supplied as per bill of coal company	(Kcal/Kg)					1,810
25 Weighted average GCV of Coal/Ignite as billed (including losses)	(Kcal/Kg)					1,840
26 Weighted average GCV of Coal/Ignite as billed (excluding losses)	(Kcal/Kg)					
27 GCV of Domestic coal of the opening stock as received at station	(Kcal/Kg)	1,200	1,254	2,371		
28 % of Domestic coal/ignite supplied as received at station	(Kcal/Kg)	5,180	3,000			9,720
29 GCV of imported coal of the opening stock as received at station	(Kcal/Kg)					1,200
30 % of imported coal supplied as received at station	(Kcal/Kg)					1,180
31 Weighted average GCV of coal/ignite as Received (including losses)	(Kcal/Kg)					5,888
32 Weighted average GCV of coal/ignite as Received (excluding losses)	(Kcal/Kg)					1,300

J. Jain
(J Arun Mani Raj)
Sr. Mgr (F&A)
OFCG - Fuel
NTPC - Dadri

Shalabh Jain

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Details of items used for computation of Escrow Charges		NTPC					
Company		WALUJA STAGE 1					
Name of the generating Station		Gen. 23					
Month							
Sl.	Particulars	Unit	Domestic Coal Special shipment	Domestic Coal	Domestic coal	Imported coal	Rs./Mwh
A1	OPENING QUANTITY						
	1 Opening Stock of coal	Mt	3,20,917.98	2,32,412.77	489.04	1,422.43	28.34
	2 Value of Stock	Rs	1,18,47,81,142.41	1,05,34,21,852.91	45,41,552.90	2,23,51,000.84	1,13,840.00
B1	QUANTITY						
	1 Quantity of Coal/Lignite supplied by Coal / Lignite Company	Mt	4,75,185.88	2,48,857.50	0.00	86,117.38	180.43
	2 Adjustment (+/-) to quantity supplied made by Coal / Lignite Company	Mt	0.00	0.00	0.00	0.00	0.00
	3 Coal supplied by Coal/Lignite Company (Total)	Mt	4,75,185.88	2,48,857.50	0.00	86,117.38	180.43
	4 Narrative details & working notes for Coal/Lignite used imported / Not Coal / Lignite used (D-14)	Mt	4,800.89	1,090.86	0.00	86.49	0.05
		Mt	4,81,986.77	2,49,948.36	0.00	86,203.87	180.48
C1	PRICE						
	1 Amount charged to the Coal / Lignite Company	Rs	1,05,42,08,972.28	89,43,95,878.95		38,08,17,108.43	15.51,114.88
	2 Adjustment (+/-) in amount charged to coal / Lignite Company	Rs					
	3 Adjustment (+/-) in amount charged to coal / Lignite Company	Rs	1,30,85,187.89	79,04,240.41	0.00	2,51,40,348.67	0.00
	4 Handling, Sampling and such other Sundry Charges	Rs	1,05,42,08,972.28	89,43,95,878.95	0.00	38,08,17,108.43	15.51,114.88
	5 Total amount charged (B+C4)	Rs					
D1	TRANSPORTATION						
	11 Transportation Charges by Rail / Road / Air Transport	Rs	47,83,31,985.57	17,43,88,825.20	0.00	2,48,537.00	86,544.00
	12 Adjustment (+/-) in amount charged by railway / Transport Company	Rs					
	13 Demurrage charges, if any	Rs	11,26,462.50	11,37,187.20	0.00	2,48,537.00	0.00
	14 Cost of diesel in transporting Coal through MTR system, if applicable	Rs			0.00	0.00	80,344.88
	15 Coal transportation charges (11+13+14+16)	Rs	47,83,31,985.57	17,43,88,825.20	0.00	2,48,537.00	86,544.00
	16 Total amount charged for Coal / Lignite imported including transportation	Rs	1,05,42,08,972.28	89,43,95,878.95	0.00	38,08,17,108.43	15,51,114.88
E1	TOTAL COST						
	18 Closing Stock of Coal/Lignite (D+C1)-(D+E1)	Rs/Mt	1,244.24	4,761.98	4,111.86	18,421.23	8,381.18
	19 Opening Stock (D+C1)-(D+E1)	Rs/Mt	0.00	0.00	0.00	0.00	0.00
	20 Weighted average cost of Coal/Lignite (including imported)	Rs/Mt			4,346.91		
	21 Weighted average cost of Coal/Lignite (including imported)	Rs/Mt			4,346.91		
F1	QUALITY						
	22 GCV of Domestic coal of the opening year stock as per bill of sale company	Calorific Value/Kcal	3,823	4,471	4,701		3,823
	23 GCV of Domestic coal supplied as per bill of sale company	Calorific Value/Kcal	4,493	4,733			4,493
	24 GCV of Imported coal of the opening year stock as per bill of sale company	Calorific Value/Kcal				4,701	4,701
	25 GCV of Imported coal of the opening year stock as per bill of sale company	Calorific Value/Kcal				4,701	4,701
	26 Weighted average GCV of Coal/Lignite as Imported (including imported)	Calorific Value/Kcal		4,354			4,354
	27 Weighted average GCV of Coal/Lignite as Imported (including imported)	Calorific Value/Kcal		4,354			4,354
	28 GCV of Domestic coal of the opening year stock as received at station	Calorific Value/Kcal	3,823	4,471	4,701		3,823
	29 GCV of Domestic coal as received at station	Calorific Value/Kcal	4,493	4,733			4,493
	30 GCV of Imported coal of the opening year stock as received at station	Calorific Value/Kcal				4,701	4,701
	31 GCV of Imported coal of the opening year stock as received at station	Calorific Value/Kcal				4,701	4,701
	32 Weighted average GCV of Coal/Lignite as Imported (including imported)	Calorific Value/Kcal		4,354			4,354
	33 Weighted average GCV of Coal/Lignite as Imported (including imported)	Calorific Value/Kcal		4,354			4,354


 (J. Arun Mani Raj)
 Sr. Mgr (F&A)
 UFCO - Fuel
 NTPC - Dadri

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Details of Invoicing Fuel for consumption of Power (Diesel)

FORM - 13

Drawing	Units	MTRC		
		INDIAN STAGE 1	INDIAN STAGE 2	INDIAN STAGE 3
		OCT 21	NOV 21	DEC 21
1. Opening		180	180	180
2. Name of the generating station				
3. Month				
4. Particulars				
A) DRAWING QUANTITY				
1) Opening stock of Oil	KL	1,228.43	1,181.83	1,482.83
2) Value of Stock	KL	24,26,54,887.32	24,08,21,034.71	24,14,01,471.01
B) QUANTITY				
1) Quantity of LDO/KFO supplied by Oil Company	KL	1,186.71	0.00	0.00
2) Equipment (A) in quantity supplied by Oil Company	KL	0.00	0.00	0.00
3) LDO/KFO supplied by Oil Company (B-A)	KL	1,186.71	0.00	0.00
4) Crude oil input & handling charges	KL	NA	NA	NA
5) Net Oil supplied (B-A)	KL	1,186.71	0.00	0.00
C) PRICE				
1) Amount charged by the Oil Company	KL	22,18,28,442.00	0.00	0.00
2) Adjustment (+/-) in amount charged by Oil Company	KL	0.00	0.00	0.00
3) Handling, Sampling and other related charges	KL	0.00	0.00	0.00
4) Total Amount charged (A + B + C)	KL	22,18,28,442.00	0.00	0.00
D) TRANSPORTATION				
1) Transportation charges by Rail / (Sea / Road Transport)				
In Oct	KL	0.00	0.00	0.00
In Nov	KL	0.00	0.00	0.00
In Dec	KL	0.00	0.00	0.00
2) Adjustment (+/-) in amount charged by railway / transport concern	KL	0.00	0.00	0.00
3) Insurance charges, if any	KL	0.00	0.00	0.00
4) Cost of diesel in (transporting LDO/KFO through MGR system, if applicable)	KL	0	0	0
5) Total transportation charges (D1 + D2 + D3 + D4)	KL	0.00	0.00	0.00
6) Total amount charged for Oil supplied including transportation (C1 + D5)	KL	22,18,28,442.00	0.00	0.00
E) TOTAL COST				
1) Total Cost of Oil (B6+D6) (24.12) (1+5)	KL/RS	22,18,28,442.00	24,08,21,034.71	24,14,01,471.01
2) Opening Value		NA	NA	NA
3) Weighted average cost of Oil		18,885.12	18,885.12	18,885.12
F) QUALITY				
1) SGC of Oil at the opening stock as per SPC of Oil Company	Weightage	NA	NA	NA
2) SGC of Oil supplied as per SPC of company	Weightage	NA	NA	NA
3) SGC of imported oil of the supplying Oil Co. as per SPC of Oil Company	Weightage			
4) SGC of imported oil supplied as per SPC of Oil Company	Weightage			
5) Weighted average SGC of Oil as below	Weightage	NA	NA	NA
6) SGC of Oil at the opening stock as received at station	Weightage	NA	NA	NA
7) SGC of Oil supplied (A+B+C)	Weightage	0,412.00	0,412.00	0,412.00
8) SGC of imported oil of the opening stock as per SPC of Oil Co.	Weightage			
9) SGC of imported oil supplied as received at station	Weightage			
10) Weighted average SGC of Oil (A+B+C)	Weightage	0,412.00	0,412.00	0,412.00

J. Anand
 (S. Arun Mani Raj)
 Sr. Mgr. (F&A)
 UPCCO - Fuel
 MTRC - Dadar

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Sl. No.	Particulars	Unit	2022-23						2023-24					
			Actual	Revised	Actual	Revised	Actual	Revised	Actual	Revised	Actual	Revised		
1	Revenue		10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
2	Capital Receipts		5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
3	Capital Expenditure		2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
4	Revenue Expenditure		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
5	Revenue Surplus		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
6	Capital Surplus		3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
7	Total Receipts		15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000
8	Total Expenditure		10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
9	Surplus		5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000

**J.Arun
Mani Raj**

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**Sanjay
Sinha**

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**BRIJESH
KUMAR
PANDEY**

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Details of Receipts for the operations of Gas System		2022		
Name of the generating station		FISCAL YEAR		
Month		DECEMBER 22	NOVEMBER 22	DECEMBER 21
Particulars		INR	INR	INR
A. Payments received				
1. Drawing from GSA	%	5,997,342	5,082,591	4,915,100
2. Sales of Gas	%	481,472,148.7	394,71,66,000	388,274,247.48
B. Quantity				
3. Quantity of DSDNG supplied to Oil Company	%	0.00	0.00	0.00
4. Adjustment (+) or quantity received made by Oil Company	%	0.00	0.00	0.00
5. DCS AFD credited to Oil Company (A-B)	%	0.00	0.00	0.00
6. Revenue earned on commodity sales	%	NA	NA	NA
7. Net DCS received (C - 6)	%	0.00	0.00	0.00
C. Other				
8. Amount charged for M&M Services	%	0.00	0.00	0.00
9. Adjustment (+) or amount charged by Oil Company	%	0.00	0.00	0.00
10. Fueling, handling and other other similar charges	%	0.00	0.00	0.00
11. Total amount charged (A + 8-10)	%	0.00	0.00	0.00
D. Miscellaneous				
12. Transportation charges to Rail / Ship / Road Transport				
to Rail	%	0.00	0.00	0.00
to Road	%	0.00	0.00	0.00
to Ship	%	0.00	0.00	0.00
13. Adjustment (+) or amount charged to Rail/Ship/Transport company	%	0.00	0.00	0.00
14. Demurrage charges, if any	%	0.00	0.00	0.00
15. Cost of fuel oil consumed for DSDNG through M&M system, if applicable	%	0	0	0
16. Total transportation charges (D12 + D13 + D14 + D15)	%	0.00	0.00	0.00
17. Total amount charged for Oil supplied through transportation (C + D)	%	0.00	0.00	0.00
E. Other Receipts				
18. Revenue from Oil (HS&M) (A + 17 + 18 + 19)	INR	78,489,490	78,489,491	78,489,491
19. Revenue from		NA	NA	NA
20. Revenue from other sources (if any)		78,489,490	78,489,491	78,489,491
F. Receipts				
21. DCS (net) of the supply block as per M&M of Oil company	INR/LIT	NA	NA	NA
22. DCS which is credited as per M&M of all contracts	INR / LIT	NA	NA	NA
23. DCS if reported out of the billing unit as per M&M of all contracts	INR/LIT			
24. DCS if reported out as per M&M of all contracts	INR/LIT			
25. Weighted average DCS of Oil supply	INR/LIT	NA	NA	NA
26. DCS (net) of the billing block as per M&M of all contracts	INR / LIT	NA	NA	NA
27. DCS if reported out of the billing unit	INR/LIT			
28. DCS if reported out of the billing unit as per M&M of all contracts	INR / LIT			
29. DCS if reported out as per M&M of all contracts	INR / LIT			
30. Weighted average DCS of Oil (D26 + D27 + D28 + D29)	INR/LIT	NA	NA	NA

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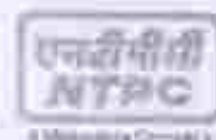
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**MAUDA SUPER THERMAL POWER PROJECT
BALANCE SHEET**

(Amount in ₹)

As at	Sl. No.	31.03.2020	31.03.2019
001 ASSETS		0.00	0.00
002		0.00	0.00
003 Non-Current Assets		0.00	0.00
004 Property, plant and equipment	2	113,497,800,000.00	115,928,642,467.27
005 Capital Work-in Progress	3	3,099,020,851.73	3,503,106,006.31
006 Intangible Assets	4	48,782,218.55	51,485,082.94
007 Intangible Assets under Development	5	0.00	0.00
008 Investment in Subsidiaries and Joint Ventures	6	0.00	0.00
009 Financial Assets		0.00	0.00
010 (i) Investments	7	0.00	0.00
011 (ii) Trade receivables	8	0.00	0.00
012 (iii) Loans	9	119,273,878.24	102,604,060.37
013 (iv) Other financial assets	10	131,878,210.00	142,408,888.00
014 Other non-current assets	11	4,395,803,376.41	2,388,323,953.30
015 Total Non-current assets		128,772,798,785.78	122,458,773,299.17
016		0.00	0.00
017 Current Assets		0.00	0.00
018 Investment	12	7,185,968,474.88	1,957,608,000.41
019 Financial assets		0.00	0.00
020 (i) Investments	13	0.00	0.00
021 (ii) Trade receivables	14	4,300,899.72	38,690,292.74
022 (iii) Cash and cash equivalents	15	456,854.68	2,523,180.56
023 (iv) Bank balances other than cash and cash equivalents	16	0.00	0.00
024 (v) Loans	17	48,251,350.88	50,171,888.22
025 (vi) Other financial assets	18	80,263,827.00	52,588,475.54
026		0.00	0.00
027 Other Current Assets	19	3,940,972,510.40	6,732,167,241.48
028		0.00	0.00
029		0.00	0.00
030 Total Current Assets		11,540,889,473.81	10,351,882,489.89
031 Preparatory deficit account (net) balances	20	1,210,238,714.01	272,046,871.13
032 TOTAL ASSETS		139,983,926,973.60	133,082,644,880.19
034 EQUITY AND LIABILITIES		0.00	0.00
035 Equity		0.00	0.00
036 Equity Share capital	21	0.00	0.00
037 Other equity	22	29,978,120,180.00	20,480,291,442.00
040 Total equity		29,978,120,180.00	20,480,291,442.00
041		0.00	0.00
042 Liabilities		0.00	0.00
043 Non-Current Liabilities		0.00	0.00
044 Financial Liabilities		0.00	0.00
045 (i) Borrowings	23	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

BALANCE SHEET

(Amount in ₹)

Particulars	NOTE	31.03.2020	31.03.2019
040 W Trade payables		0.00	0.00
041 - Total outstanding dues of micro and small enterprises	24	1,033,349.54	177,433.38
043 - Total outstanding dues of creditors other than micro and small enterprises	24	3,018,145.02	225,408.57
049 (i) Other financial liabilities	25	124,641,746.20	50,330.40
050 Provisions	26	0.00	0.00
051 Deferred Tax Liabilities (net)	27	0.00	0.00
052 Other non-current liabilities	38	0.00	0.00
053		0.00	0.00
054 Total non-current liabilities		125,683,241.76	453,229.35
055		0.00	0.00
056 Current Liabilities		0.00	0.00
057 Financial liabilities		0.00	0.00
058 (i) Borrowings	25	0.00	0.00
059 (ii) Trade Payables		0.00	0.00
060 - Total outstanding dues of micro and small enterprises	30	123,058,065.89	177,018,347.77
061 - Total outstanding dues of creditors other than micro and small enterprises	30	1,130,640,392.95	2,776,504,357.57
062 (i) Other financial liabilities	31	3,344,456,487.16	5,438,458,304.87
063 Other current liabilities	32	104,772,571.41	60,376,141.50
064 Provisions	33	664,783,354.43	600,026,392.53
065 Current tax liabilities (net)	34	0.00	0.00
066		0.00	0.00
067 Sub Total		8,078,248,341.45	8,995,051,188.25
068		0.00	0.00
069 Deferred Revenue	35	4,417,322,000.00	2,341,708,000.00
070 Regulatory deferred account credit balance	36	0.00	0.00
071 Inter Unit Accounts		61,296,850,221.89	101,528,380,228.54
072		0.00	0.00
073 TOTAL EQUITY AND LIABILITIES		124,978,324,839.35	122,757,344,089.28
074 Significant Accounting Policies as per note 1		0.00	0.00
075		0.00	0.00
076 The accompanying notes 1 to 44 form an integral part of these financial statements		0.00	0.00
077		0.00	0.00
078		0.00	0.00

(Authorized Signatory)

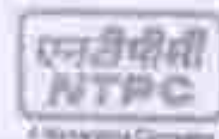

 Anil Kumar Singh
 Chief General Manager - Finance


 Nilesh Kumar
 Chief General Manager

कंपनी सं. 27 (02/2020) - 21-07-18
 सूची सं. 27 (02/2020) - 21-07-2018 (वैधानिक)

एनटीपीसी लिमिटेड
 एनटीपीसी लिमिटेड
 एनटीपीसी लिमिटेड
 एनटीपीसी लिमिटेड
 एनटीपीसी लिमिटेड

निलेश कुमार
 Chief General Manager
 एनटीपीसी लिमिटेड
 एनटीपीसी लिमिटेड



**MALDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS**

(Amount in ₹)

	For the Year ended	2019	31.03.2020	31.03.2019
001	Revenue		0.00	0.00
002	Revenue from operations	57	48,832,223,923.82	49,350,740,552.91
003	Other income	58	435,230,089.08	128,751,309.27
004	Total Revenue		49,267,454,012.91	50,479,491,862.18
007	Expenses		0.00	0.00
006	Fuel including cost of copying coal	38A	52,744,551,207.38	34,808,469,966.14
008	Employee benefit expenses	39	1,113,918,881.02	1,117,109,111.23
010	Electricity purchased		0.00	0.00
011	Finance costs	40	5,222,117,326.80	5,240,882,842.25
012	Depreciation, amortisation and equipment expense	41	7,090,816,390.38	6,037,168,383.41
013			0.00	0.00
014	Other expenses	42	2,302,743,722.50	2,548,872,816.73
015	CC expenses charge to revenue		70,810,572.27	79,167,708.52
016	Less: Unit expenses transferred to CC		0.00	0.00
017	Total expenses		61,182,193,331.85	53,521,548,037.48
020	Profit before exceptional items & tax		7,995,407,521.86	6,957,943,824.80
021	Exceptional items		0.00	0.00
024	Profit before tax		7,995,407,521.86	6,957,943,824.80
027	Tax expense:		0.00	0.00
028	Current tax		0.00	0.00
029	Deferred tax		0.00	0.00
030			0.00	0.00
031	Total Tax expense		0.00	0.00
032	Profit for the period before regulatory deferral account balances		7,995,407,521.86	6,957,943,824.80
033	Movement in regulatory deferral account balances		0.00	0.00
034	Regulatory deferral account - deferred		0.00	0.00
035	Others		162,748,145.83	164,728,682.82
036	Tax impact on Regulatory deferral account balances		0.00	0.00
037	Movement in Regulatory deferral account balances (Net of Tax)		162,748,145.83	164,728,682.82
038	Profit for the period/year		8,158,155,667.74	7,122,672,507.62
039	Other comprehensive income		0.00	0.00
040	(A) Items that will not be reclassified to profit or loss		0.00	0.00
041	Loss recognised on fair value of equity investments through other comprehensive income		0.00	0.00
042	Income tax on assets that will not be reclassified to profit or loss		0.00	0.00
043	- fair value gain/loss on defined benefit plans		25,725,129.77	1,825,938.36
044	Income tax on assets that will reclassify		0.00	0.00

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**MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS**

		(Amount in ₹)	
	Year	31.03.2020	31.03.2019
	For the Year ended		
	Attributable to profit or loss		
044		0.00	0.00
045	Other comprehensive income for the year, net of income tax	-23,725,126.71	1,829,938.35
050		0.00	0.00
051	Total Comprehensive Income for the year	6,825,829,741.00	6,753,722,816.87
055		0.00	0.00
056	Earnings per equity share	3.90	6.06
057	Basic & Diluted	3.00	6.00
058	Specialized Accounting Policies	0.00	0.00
059	Expenditure during construction period (Net) (Net of cost of sales) (net) 43 / 43A	0.00	0.00
070	This accompanying notes form an integral part of these financial statements.	0.00	0.00

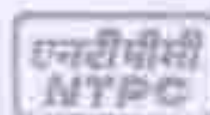
(Author (Audit & Sign))

(Head of Finance)

Mr. Gaurav C. S.
Head of Finance (Sr.) / Sr. Financial
Controller (Sr.) / NTPC Limited
Mauda Super Thermal Power Project, NTPC
Limited, 2021-2024 / Adityanagar, Bhopal-462016.

(Head of Cost)

DILEEP K. JAISWAL
Chief Cost Accountant
Mauda Super Thermal Power Project, NTPC Limited, Bhopal-462016.



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT
OTHER COMPREHENSIVE INCOME

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2019
001	0.00	0.00
002 Other comprehensive income	8.09	8.90
003 (A) Items that will not be reclassified to profit or loss	8.09	0.99
004 --Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006 --Net actuarial gains/(losses) on defined benefit plans	22,723,128.71	1,628,938.39
007 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008	0.00	0.00
009 (B) Items that will be reclassified to profit or loss	0.00	0.00
010 Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011	0.00	0.00
012 Other comprehensive income for the year, net of Income tax	22,723,128.71	1,628,938.39
013	0.00	0.00
014 Total comprehensive income for the year (A+B)	22,723,128.71	1,628,938.39

[Signature]
 श्री श्री श्री - Ganesh K. S.
 अवर प्रबंधक (प्र.) - आ.म. (प्रकल्प),
 राष्ट्रीय निर्यात - NTPC लिमिटेड
 अवर प्रबंधक (प्र.) - आ.म. (प्रकल्प) - न.स.प. (प्र.) - मादा
 अवर प्रबंधक (प्र.) - मादा सुपर थर्मल पावर प्रोजेक्ट
 अवर प्रबंधक (प्र.) - मादा सुपर थर्मल पावर प्रोजेक्ट

[Signature]
 श्री श्री श्री
 अवर प्रबंधक
 DILEEP KUMAR
 Chief General Manager
 अवर प्रबंधक (प्र.) - आ.म. (प्रकल्प)
 NTPC लिमिटेड - मादा सुपर थर्मल पावर प्रोजेक्ट

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Right of Use	3705090410.15	0.00	2394087.00	3707484407.15	509234712.81	157705503.92	0.00	667040216.71	3040444430.45	3195735027.35
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 CBA Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads, bridges, culverts & helipads	2090530587.28	2642450.00	102971620.99	2197782946.29	224843190.87	79908331.22	0.00	303822061.90	1894230284.39	1697825066.58
8 Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	1088324098.88	2292047.72	118940176.71	129957400.89	70305419.34	4551044.19	0.00	11617683.73	1093263628.59	1018157949.34
11 Others	2370190021.07	82903064.18	20938351.73	2669727436.65	363430056.55	91839797.57	0.00	458277834.43	2208450002.53	2200735084.23
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	3455130.45	0.00	0.00	3455130.45	3455130.45	0.00	0.00	3455130.45	0.00	0.00
14 Water Supply, drainage & sewerage system	955191164.33	2682341.40	4817705.07	953891210.78	120834616.22	41300201.65	0.00	162026924.88	800834305.91	824548549.10
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Railway siding	2272523887.13	5909222.93	139902288.73	2632531921.33	442050417.32	137535419.75	0.00	580586037.07	1952025911.69	1829472449.81
18 Earth dam reservoir	49990099.77	0.00	0.00	49990099.77	11849207.83	2982224.48	0.00	14811822.40	35064477.37	38046801.85
19 Plant and machinery (including associated civil works)	122013820119.90	873701263.44	3459202905.54	12835811890.80	18218147138.85	6973823913.18	(123272458.75)	2605400643.86	100260315247.80	902705972938.26
Owned Asset										

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	439214076.20	34314560.00	8660405.41	479189130.60	83326653.45	3320388.13	(2511133.72)	114002357.85	366096874.74	352663522.75
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles - Owned	813717.04	0.00	0.00	813717.04	234604.76	81875.87	0.00	316480.63	497237.41	578113.69
24 Vehicles - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	60158076.20	13783432.45	(200879.42)	73739532.23	19848771.60	7750124.66	(86078.59)	27631918.67	46107612.56	40289207.60
26 EDP, WF machines and station equipment	44521131.84	4834268.64	(305801.05)	48388000.43	30038769.37	8799877.60	(2507846.38)	37450805.60	5088199.07	13962382.67
27 Construction equipments	159287680.93	18778104.00	0.00	173843054.93	56023884.19	16915102.28	0.00	74938186.47	66904999.51	97044866.79
28 Electrical installations	1791142978.14	79098338.67	6192218.91	1878093732.72	333422826.93	111718382.81	(4812489.10)	440328504.43	1435862228.29	1457720351.22
29 Communication equipments	30336855.01	2083375.18	(1487448.13)	30932782.06	11475821.58	2617672.09	(1783248.42)	12940245.24	18262545.05	18881034.23
30 Hospital equipments	7230087.12	226500.00	0.00	7479587.12	1348434.56	384215.75	0.00	1732649.31	3745017.29	5823833.04
31 Laboratory and workshop equipments	122285441.63	56204705.91	(82157.30)	208477990.24	16843181.15	8187965.44	0.00	26131156.59	182346833.95	109412350.43
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34 Less Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilisation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37 (Less) -Adjusted from By ash utilisation reserve fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	127299120944.75	1245524660.65	3912417140.48	14255423877.92	21520242877.51	7721744387.32	(135354148.07)	29100733115.85	112467505668.06	115273244067.21
Grand Total Prev Year (Tangible)	133291796655.43	1911731987.62	2205959280.56	13739916944.49	13999966089.95	7542959341.57	(22304554.02)	21520242877.51	119978944097.23	119262106579.44

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2020	Tangible As At: 31.03.2019	Tangible As At: 31.03.2020	Tangible As At: 31.03.2019
Disposal of assets	(1060988.86)	(2165794.10)	(1060988.86)	(1926360.09)
Retirement of assets	(260092471.69)	(84604973.81)	(133823737.35)	(8753693.16)
Cost adjustments	4181297991.28	2310532011.28	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	(727384.25)	(18102954.81)	(469422.76)	(11624500.77)
Others	0.00	0.00	0.00	0.00
TOTAL	3919417146.48	2205658288.56	(135354148.97)	(22304554.02)

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Asset Class	Opening Gross Block As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2020	Opening Depreciation As At 01.04.2019	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2020	Net Block As At 31.03.2020	Net Block As At 31.03.2019
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Right of Use- Land	62631549.86	0.00	0.00	62631549.86	11634812.81	2865883.79	0.00	14330675.02	48300874.34	50996737.09
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	3235158.79	509406.00	0.00	3744564.79	2746632.91	516386.65	0.00	3263219.57	481345.18	43325.65
Grand Total (Intangible)	65862708.72	509406.00	0.00	66372114.72	14381445.76	3212240.41	0.00	17593895.10	48782219.53	51495062.94
Grand Total Prev Year (Intangible)	62539072.72	0.00	9327836.00	65669708.72	10056875.00	3524770.89	0.00	14381845.79	51495062.94	51602187.63

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2020	InTangible As At: 31.03.2019	InTangible As At: 31.03.2020	InTangible As At: 31.03.2019
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	3327636.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	3327636.00	0.00	0.00

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

Note forming part of Balance Sheet

Note 3: Capital-Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
1		2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land					
3	Roads, bridges, culverts & heliops	550005.77	25030267.09	(17483738.51)	1300041.00	13345795.00
4	Piling and foundation					
5	Buildings					
6	Main plant	67430173.24	152576119.14	(144096309.28)	2392547.72	72745332.36
7	Others	102931631.58	140003225.89	(25006553.81)	91900020.88	148409995.72
8	Temporary erection		19952.19	(19952.19)		
9	Water supply, drainage and sewerage system		8034558.93	(2927627.53)	2952341.40	446698.00
10	Hydraulic works, barrages, dams, tunnels and power channels					
11	MOB track and signalling system					
12	Railway siding	199455402.93	118404387.78	(210160727.81)	59009322.90	45069740.00
13	Earth dam rehab					
14	Plant and equipment	2344277138.97	1663753287.25	(1639122840.67)	517161886.77	2141738489.78
15	Furniture and fixtures	2180438.00	2758150.10	(455044.89)	870009.79	2612773.00
16	Vehicles					
17	Office equipment		934389.00	978077.86	1301543.89	310920.00
18	EDFIWP machines & astroom equipment	400162.00		(1.00)	400162.00	
19	Construction equipments:					
20	Electrical installations	199109973.00	63259608.25	(108823129.92)	79821953.95	100724493.41
21	Communication equipment	845814.00	587731.72	(570032.72)	861513.00	
22	Medical equipments					
23	Laboratory and workshop equipments	2100957.52	8841477.00	4042.48	2106899.00	8841477.00
24	Assets under Don Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey, Investigation, Consultancy & Supervision Chg					
28	Difference in exchange on foreign currency items					

Note forming part of Balance Sheet

Note 3: Capital-Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 01.04.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
	1	2	3	4	5	6
29	Expendure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	Expenditure towards other as attribut Project.					
32	Expenditure During Construction Period (net)*		215491222.67			215491222.67
33	LESS - Allocated to related works		215491222.67			215491222.67
34	LESS - Provision for Unservicable works					
35	Construction stores (At Cost)					
36	Steel	305629112.55	64456910.77	(60021606.25)		277164324.34
37	Cement	28013262.31	35356300.00	(27649187.66)		32219064.05
38	Others	261630640.41	126772276.29	(165566383.51)		228105332.19
39	Sub-total	582573512.27	228224686.06	(286369177.75)		534489720.58
40	LESS - Provision for shortages	5410406.00		(4397861.00)		1012544.00
41	Sub-total	587162607.27	228224686.06	(281971316.75)		534479576.58
42	Total CWIP	3509106086.31	2732005919.91	(3436676653.26)	735326301.39	3868220851.72
43						
44						
45	PREVIOUS YEAR TOTAL	4616728667.35	1372366766.48	(594365136.88)	1200347618.55	3509106086.31

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

Note forming part of Balance Sheet

Note 5: Intangible Assets under Development

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2019	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2020
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT:					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expenditure - Coal Mine					
5	Exploratory wells-in-progress					
6	Less: Provision for exploratory wells-in-progress					
7	Total					
8	PREVIOUS YEAR TOTAL-I					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

As at	No. of shares	Face value	31.03.2020	31.03.2019
001	NON CURRENT INVESTMENTS- Investments in subsidiaries and joint ventures		0.00	0.00
012	Equity Instruments - Unquoted-(fully paid up unless otherwise stated, at cost)		0.00	0.00
013	Subsidiary Companies		0.00	0.00
014	Patrala Vidyut Utpadan Nigam Ltd		0.00	0.00
015	NTPC Electric Supply Company Ltd.		0.00	0.00
016	NTPC Vidyut Vyapar Nigam Ltd.		0.00	0.00
017	Nabinagar Power Generating Company Ltd.		0.00	0.00
018	Kanti Bijlee Utpadan Nigam Ltd.		0.00	0.00
019	Bhartiya Raf Bijlee Company Ltd.		0.00	0.00
020	NTPC Mining Ltd (NML)		0.00	0.00
021	TRDC India Ltd.		0.00	0.00
022	KEEPCO LTD.		0.00	0.00
023			0.00	0.00
024			0.00	0.00
025			0.00	0.00
026			0.00	0.00
027			0.00	0.00
028			0.00	0.00
029			0.00	0.00
030	Sub Total		0.00	0.00
055	Joint Venture Companies		0.00	0.00
056	Utility Powertech Ltd.		0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.		0.00	0.00
058	NTPC-SAIL Power Company Ltd.		0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.		0.00	0.00
060	Ratnagiri Gas & Power Private Ltd		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
061	Aravali Power Company Private Ltd.			0.00	0.00
062				0.00	0.00
063	NTPC BHEL Power Projects Private Ltd.			0.00	0.00
064	Meja Urja Nigam Private Limited			0.00	0.00
065	BF-NTPC Energy Systems Ltd.			0.00	0.00
066				0.00	0.00
067	Nabinagar Power Generating Company Ltd.			0.00	0.00
068	Transformer and Electrical Kerala Ltd.			0.00	0.00
069	National High Power Test Laboratory Private Ltd.			0.00	0.00
070				0.00	0.00
071	CR. NTPC Urja Private Ltd.			0.00	0.00
072	Anushakti Vidhyut Nigam Ltd.			0.00	0.00
073	Energy Efficiency Services Ltd.			0.00	0.00
074				0.00	0.00
075	Trincomalee Power Company Ltd.			0.00	0.00
076	Bangladesh-India Friendship Power Company (Pvt.) Ltd.			0.00	0.00
077	Hindustan Urvarak & Rasayan Limited			0.00	0.00
078	Konkan LNG Pvt. Ltd.			0.00	0.00
079				0.00	0.00
081	Sub Total			0.00	0.00
109	Aggregate amount of impairment in the value of investments			0.00	0.00
110				0.00	0.00
111				0.00	0.00
134	Total			0.00	0.00
135	Details of Investments			0.00	0.00
136	Aggregate amount of Unquoted Investments			0.00	0.00
141				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

As at	No. of shares	Face value	31.03.2020	31.03.2019
142			0.00	0.00
143			0.00	0.00
144			0.00	0.00
145			0.00	0.00
153	Valuation of Investments as per Note 1.		0.00	0.00
154			0.00	0.00
202			0.00	0.00
233			0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 7 TO THE FS-NCA INVESTMENTS**

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
001	Non-current financial assets (Investments)			0.00	0.00
006	Long Term - Trade			0.00	0.00
007	Equity Instruments (fully paid up-unless otherwise stated)			0.00	0.00
008	Quoted			0.00	0.00
009	Joint Venture Companies			0.00	0.00
010	PTC India Ltd.			0.00	0.00
070	International Coal Ventures Private Ltd.			0.00	0.00
075	BF-NTPC Energy Systems Ltd.			0.00	0.00
090				0.00	0.00
110	Cooperative Societies			0.00	0.00
111	Sub Total			0.00	0.00
112	Aggregate amount of impairment in the value of investments			0.00	0.00
115	Total			0.00	0.00
120				0.00	0.00
146	NTPC Employees Consumers and Thrift Co-operative Society Ltd. Korba			0.00	0.00
147	NTPC Employees Consumers and Thrift Cooperative Society Ltd. RSTPP			0.00	0.00
148	NTPC Employees Consumers Cooperative Society Ltd. Farakka			0.00	0.00
149	NTPC Employees Consumers Cooperative Society Ltd. Vinhyachal			0.00	0.00
150	NTPC Employees Consumers Cooperative Society Ltd. Arda			0.00	0.00
151	NTPC Employees Consumers Cooperative Society Ltd. Kavas			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 8 TO THE FS-NCA: TRADE RECEIVABLES

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Non-current financial assets - Trade receivables	0.00	0.00
002 Unsecured, considered good	0.00	0.00
003 With significant increase in Credit Risk	0.00	0.00
004 Credit impaired	0.00	0.00
005	0.00	0.00
006 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Loans (Non Current)	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees(including accrued interest)	0.00	0.00
011 Secured	90,489,996.52	101,162,417.40
012 Unsecured	54,202,999.89	48,963,311.32
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less: Employee Loans Discounting	0.00	0.00
016 Secured	32,241,099.95	34,301,160.57
017 Unsecured	10,237,990.44	12,219,987.83
018 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
019 Others	0.00	0.00
020 Secured	0.00	0.00
021 Unsecured	0.00	0.00
022 With significant increase in Credit Risk	0.00	0.00
023 Credit impaired	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Sub Total	110,213,878.04	103,604,560.32
026	0.00	0.00
027 Total	110,213,878.04	103,604,560.32
028	0.00	0.00
029	0.00	0.00
030 Due from Directors and Officers of the Company	0.00	0.00
031 Directors	0.00	0.00
032 Officers	0.00	0.00
033	0.00	0.00
034 Loans to related parties include:	0.00	0.00
035 i)Key management personnel	0.00	0.00
036 ii)Subsidiary companies	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)Others	0.00	0.00
039	0.00	0.00
054 Other loans represent loans given to	0.00	0.00
055 a) APIC	0.00	0.00
060	0.00	0.00
061 RPD	0.00	0.00
062 i)Key management personnel	0.00	0.00
063 ii)Subsidiary companies	0.00	0.00
064 iii)Joint Venture companies	0.00	0.00
065 iv)Others	0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹.)

	As at	31.03.2020	31.03.2019
066	Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009 Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010 NTPC Mining Limited	0.00	0.00
011 THDC Ltd.	0.00	0.00
012 NEEPCO Ltd.	0.00	0.00
013	0.00	0.00
014 Total	0.00	0.00
015 Share application money pending allotment (Joint Venture)	0.00	0.00
016 Utility Powertech Ltd.	0.00	0.00
017 NTPC GE Power Services Pvt Ltd.	0.00	0.00
018 NTPC-SAIL Power Company Ltd.	0.00	0.00
019 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021 Aravali Power Company Private Ltd.	0.00	0.00
022	0.00	0.00
023 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024 Meja Urja Nigam Private Limited	0.00	0.00
025 BF-NTPC Energy Systems Ltd.	0.00	0.00
026 Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027 Nabinagar Power Generating Company Ltd.	0.00	0.00
028 Energy Efficiency Services Ltd.	0.00	0.00
029 National High Power Test Laboratory Private Ltd.	0.00	0.00
030	0.00	0.00
031 CIL NTPC Urja Private Ltd.	0.00	0.00
032 Trincomalee Power Company Ltd.	0.00	0.00
033 Hindustan Urvarak & Rasayan Limited	0.00	0.00
034 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035 Sub Total	0.00	0.00
036	0.00	0.00
037 Claims Recoverable	131,675,810.00	142,409,849.00
038 Finance Lease Recoverable	0.00	0.00
039 Mine Closure Deposit	0.00	0.00
040	0.00	0.00
041 Total	131,675,810.00	142,409,849.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 Secured	0.00	0.00
005 Unsecured	0.00	0.00
006 Covered by Bank Guarantee	377,765,839.07	304,983,959.20
007 Others	319,580,750.70	213,702,815.92
008 Considered doubtful	0.00	0.00
009 Less: Allowance for bad & doubtful advances	0.00	0.00
010 Sub-Total	697,346,589.77	518,686,775.12
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 Security deposits	71,084,200.00	71,084,200.00
019 Advances to Related parties	0.00	0.00
022 Advances to Contractors & Suppliers	0.00	0.00
023 Secured	0.00	0.00
024 Unsecured	0.00	0.00
025 Considered Doubtful	0.00	0.00
026 Less: Allowance for bad & doubtful advances	0.00	0.00
027 Sub Total	71,084,200.00	71,084,200.00
039 Advance tax & tax deducted at source	206,733.00	317,263.00
040 Less - Provision for current tax	0.00	0.00
041	0.00	0.00
042 Sub Total	206,733.00	317,263.00
043 Deferred Payroll Expenses (Secured)	28,524,728.57	29,607,306.99
044 Deferred Payroll Expenses (Unsecured)	7,842,125.07	9,947,208.22
045 Sub Total	34,366,853.64	39,554,515.21
046 Deferred Foreign Currency Fluctuation Asset	4,192,798,000.00	2,339,622,000.00
048 Total	4,895,800,376.41	2,968,323,653.33
049	0.00	0.00
050	0.00	0.00
061 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies:	0.00	0.00
063	0.00	0.00
064 NTPC GE Power Services Pvt Ltd	0.00	0.00
065	0.00	0.00
066 Ratnagiri Gas & Power Private Ltd	0.00	0.00
067 Aravali Power Company Private Ltd	0.00	0.00
068 NTPC-SCCL Global Ventures Private Ltd	0.00	0.00
069 NTPC BHEL Power Projects Private Ltd	0.00	0.00
070 Meja Urja Nigam Private Limited	0.00	0.00
071 Nabinagar Power Generating Company Ltd	0.00	0.00
072 National High Power Test Laboratory Private Ltd	0.00	0.00
074 CIL NTPC Urja Private Ltd	0.00	0.00
076	0.00	0.00
077 Related Party (Adv)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2020	31.03.2019
078 Key Management personal	0.00	0.00
079 Subsidiary companies	0.00	0.00
080 Joint Venture companies	0.00	0.00
081 Contractors	0.00	0.00
082 Others	0.00	0.00
084	0.00	0.00
085 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 12 TO THE FS-CA-INVENTORIES

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	4,943,297,824.70	3,023,353,224.28
004 Fuel oil	303,617,534.24	213,520,434.67
005 Naphtha	0.00	0.00
006 Stores and spares	1,724,060,849.24	1,559,105,640.85
007 Chemicals & consumables	89,222,853.77	59,586,945.60
008 Loose tools	1,347,111.58	1,788,876.04
009 Steel Scrap	23,396,692.41	20,060,335.52
010 Others*	177,213,552.69	158,080,425.65
011 Sub Total	7,262,156,718.63	4,038,475,891.41
012 Less: Provision for shortages	75,714,648.00	77,776,531.00
013 Less: Provision for obsolete/ unservicable/dmuniton in value of surplus Inventory	474,595.74	0.00
014	0.00	0.00
015 Total	7,185,966,474.89	3,957,699,360.41
016 Inventories include material in transit	0.00	0.00
017 Coal	251,231,505.00	301,329,131.11
018 Fuel oil	0.00	0.00
019 Naphtha	0.00	0.00
020 Stores and spares	25,432,629.00	751,859.84
021 Chemicals & consumables	0.00	226,563.09
022 Loose tools	0.00	0.00
023 Others	0.00	290,939.00
024	0.00	0.00
025 Inventory items other than steel scrap have been valued considering Note 1. Steel scrap has been valued at estimated realisable value	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2020	31.03.2019
001	CURRENT INVESTMENTS			0.00	0.00
002	(Valuation as per Note 1)			0.00	0.00
003				0.00	0.00
003	Investment in Mutual Funds (Details as under)			0.00	0.00
004	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
005	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
006	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
007	UTI Money Market- IP-Direct-Growth			0.00	0.00
008	IDBI Liquid plan- Direct-Growth			0.00	0.00
009	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
010	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
011	IDBI Liquid Fund-DDR			0.00	0.00
012	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
013	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
014	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
015				0.00	0.00
016	Sub Total			0.00	0.00
017				0.00	0.00
052	Unquoted Investments			0.00	0.00
054				0.00	0.00
066	TOTAL			0.00	0.00
067				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured Considered Good	0.00	0.00
004 Unsecured , considered good	4,959,895.72	36,550,262.78
005 With significant increase in Credit Risk	0.00	0.00
006 Credit impaired	0.00	0.00
007 Sub-Total	4,959,895.72	36,550,262.78
008 Total	4,959,895.72	36,550,262.78
009 Less: Allowance for credit impaired receivables	0.00	0.00
010 Total	4,959,895.72	36,550,262.78
011	0.00	0.00
013 * After adjustment for Unbilled Revenue	0.00	0.00
014 Long-term trade receivables	0.00	0.00
015	0.00	0.00
016	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	458,554.66	2,523,180.56
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
010 Total	458,554.66	2,523,180.56

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006	0.00	0.00
007 Total	0.00	0.00
008	0.00	0.00
009 Earmarked balances with banks consist of :	0.00	0.00
010 Unpaid dividend account balance	0.00	0.00
011 Towards public deposit repayment reserve	0.00	0.00
012 Towards redemption of bonds due for repayment within one year	0.00	0.00
013 Security with Government/other authorities	0.00	0.00
014 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017 Deposits with original maturity upto three months as per court orders	0.00	0.00
018 Payment Security Scheme of MNRE- NSM (NTPC)	0.00	0.00
019 Payment Security Scheme of MNRE- NSM (NVN)	0.00	0.00
020 Enforcement Directorate of Solar Plant (NVN)	0.00	0.00
021 Bank guarantee Fund of MNRE (NVN)	0.00	0.00
022 Others	0.00	0.00
023	0.00	0.00
024 Total	0.00	0.00
025	0.00	0.00
026 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
027 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
028 Earmarked bank balances (current account)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Current financial assets - Loans	0.00	0.00
002 Loans (current) including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
011 Secured	14,735,132.81	14,762,262.30
012 Unsecured	33,516,248.05	35,409,666.92
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less - Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Total (Loans)	48,251,380.86	50,171,889.22
026	0.00	0.00
027 Due from Directors and Officers of the Company	0.00	0.00
028 Directors	0.00	0.00
029 Officers	0.00	0.00
030	0.00	0.00
031 Loans to related parties include:	0.00	0.00
032 i)Key management personnel	0.00	0.00
033 ii)Subsidiary companies:	0.00	0.00
034 KBUNL	0.00	0.00
035 PVUNL	0.00	0.00
036 NVVN	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)others	0.00	0.00
039	0.00	0.00
059 RPD	0.00	0.00
060 i)Key management personnel	0.00	0.00
061 ii)Subsidiary companies	0.00	0.00
062 iii)Joint Venture companies	0.00	0.00
063 iv)Others	0.00	0.00
064	0.00	0.00
065 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	57,534,791.00	4,382.00
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	2,747,836.00	1,004,543.54
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	60,282,627.00	1,008,925.54
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	0.00	51,558,550.00
048 Considered Doubtful	0.00	0.00
049 Less:- Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Unbilled Revenue	0.00	0.00
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
056 Mine Closure Deposit	0.00	0.00
057 Others*	0.00	0.00
058 Receivable from MCP Escrow A/c	0.00	0.00
059 Total	60,282,627.00	52,568,475.54
060	0.00	0.00
062 * Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
063	0.00	0.00
067	0.00	0.00
068 Advances to related parties include:	0.00	0.00
069 i)Key management personnel	0.00	0.00
070 ii)Subsidiary companies	0.00	0.00
071 iii)Joint Venture companies	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2020	31.03.2019
072. iv)Contractors	0.00	0.00
073. v)Others	0.00	0.00
074	0.00	0.00
075. Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies:	0.00	0.00
076	0.00	0.00
077	0.00	0.00
078. NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079. Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080. Aravali Power Company Private Ltd.	0.00	0.00
081. NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082. NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083. Maja Urja Nigam Private Limited	0.00	0.00
084. Nabinagar Power Generating Company Ltd.	0.00	0.00
085. National High Power Test Laboratory Private Ltd.	0.00	0.00
086. International Coal Ventures Private Ltd.	0.00	0.00
087. CIL NTPC Urja Private Ltd.	0.00	0.00
089. Bangladesh-India Friendship Power Co. Pvt.Ltd.	0.00	0.00
090	0.00	0.00
091. Related Party (Adv)- Employees	0.00	0.00
092. Related Party (Adv)- Subsidiaries	0.00	0.00
093. Related Party (Adv)- Joint Ventures	0.00	0.00
094. Related Party (Adv)- Contractors	0.00	0.00
095. Related Party (Adv)- Others	57,534,791.00	4,382.00
096. Total	57,534,791.00	4,382.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	165,760,397.00	464,248,899.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	602,833,970.44	3,490,379,731.16
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	76,298.00	361,987.00
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	188,921,894.59	158,323,816.10
019 Considered Doubtful	0.00	0.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	18,434,810.00	85,590,782.00
024 Considered Doubtful	0.00	0.00
025	0.00	0.00
026 Less: Allowance for bad & doubtful advances	0.00	0.00
027 Deferred Payroll Expenses (Secured)	2,572,333.80	2,722,640.08
028 Deferred Payroll Expenses (Unsecured)	2,571,683.86	3,371,490.00
029 Sub-total	5,143,997.76	6,094,330.16
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	68,549.00	0.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	2,662,492,969.74	2,526,735,172.30
036 Considered Doubtful	0.00	0.00
037 Less- Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041 Assets Held for Disposal	0.00	271,890.53
042 Others	1,248,758.93	180,633.23
043	0.00	0.00
044 Total (Other Current Assets)	3,840,972,546.46	6,732,167,241.48
045 **Include Prepaid Expenses	18,434,810.00	85,590,782.00
046 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
047 *Includes deposited with courts	0.00	0.00
048 *Includes deposited with LIC for annuity payments	0.00	0.00
049 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050 Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052 Advances to related parties include:	0.00	0.00
053 i)Key management personnel	0.00	0.00
054 ii)Subsidiary companies	0.00	0.00
055 iii)Joint Venture companies	0.00	0.00
056 Contractors	0.00	0.00
057 Others	0.00	0.00
058	0.00	0.00
059 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060	0.00	0.00
061	0.00	0.00
062 Related Party (Adv)- Employee	0.00	0.00
063 Related Party (Adv)- Subsidiaries	0.00	0.00
064 Related Party (Adv)- Joint Venture	0.00	0.00
065 Related Party (Adv)- Contractors	602,825,068.44	3,490,345,383.15
066 Related Party (Adv)- Others	3,002.00	34,348.00
067 Total	602,833,070.44	3,490,379,731.15
068	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 20 TO THE FS-REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 On account of Exchange Differences	228,907,388.12	-81,756,238.47
002 On account of employee benefit exp	129,457,101.00	129,457,101.00
003 Regulatory deferred account - deferred	0.00	0.00
004 Deferred asset for ash transportation	856,872,227.09	204,389,508.60
005	0.00	0.00
006 Total	1,215,236,717.01	272,090,371.13

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 10,000,000,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,694,557,280 equity shares of Rs.10/- (Pr. Year 9,694,557,280 equity shares of Rs.10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India(LIC) Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add: Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 Sub-Total	0.00	0.00
011 Securities Premium Account	0.00	0.00
012 As per last financial statements	0.00	0.00
013 Add: Additions during the year/period	0.00	0.00
014 Less: Adjustments during the year/period	0.00	0.00
015 Sub-Total	0.00	0.00
016 Bonds Redemption Reserve	0.00	0.00
017 As per last financial statements	0.00	0.00
018 Add: Transfer from Surplus	0.00	0.00
019 Less: Transfer to surplus on redemption	0.00	0.00
020 Less: Adjustments during the year/ period	0.00	0.00
021 Sub-Total	0.00	0.00
022 Share Application money Allotment	0.00	0.00
023 As per last financial statements	0.00	0.00
024 Add: Addition during the year	0.00	0.00
025 Less: Utilised for allotment during the year	0.00	0.00
026 Less: Adjustments during the year/ period	0.00	0.00
027 Sub-Total	0.00	0.00
028 Fly-ash utilisation reserve Fund	0.00	0.00
029 As per last financial statements	0.00	-22,087,892.32
030 Transferred to CC	0.00	49,076,294.61
031 Add: Transfer from revenue from operations	0.00	2,839,473.60
032 Add: Transfer from other income	0.00	0.00
033 Less: Utilised during the year	0.00	0.00
034 Tangible assets	0.00	0.00
035 Employee benefit expenses	0.00	-13,218,195.85
036 Generation admin. and other expenses	0.00	-17,409,650.44
037 Tax Expenses	0.00	0.00
038 Sub-Total	0.00	0.00
039 Corporate social responsibility (CSR) reserve	0.00	0.00
040 As per last financial statements	0.00	0.00
041 Add: Transfer from surplus	0.00	0.00
042 Less: Write back during the year	0.00	0.00
043 Sub-Total	0.00	0.00
044 General Reserve	0.00	0.00
045 As per last financial statements	0.00	0.00
046 Add: Transfer from Surplus	0.00	0.00
047 Less: Transfer to Surplus	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹.)

	31.03.2020	31.03.2019
As at		
048 Less: Write back during the year /period	0.00	0.00
049 Less: Adjustments during the year /period	0.00	0.00
050 Sub-Total	0.00	0.00
051	0.00	0.00
052 Retained earnings	0.00	0.00
053 As per last financial statements	20,904,634,074.49	12,152,536,997.17
054 Add(Less) :-Changes in accounting policy / prior period errors	0.00	0.00
055 Add(Less) :-Profit (Loss) after tax for the year from Statement of Profit & Loss	8,646,553,667.74	8,752,097,077.32
056	0.00	0.00
057 Add: Write back from Bond Redemption Reserve	0.00	0.00
058 Add: Write back from Capital Reserve	0.00	0.00
059 Add: Write back from Foreign Project Reserve	0.00	0.00
060 Add: Write back from CSR Reserve	0.00	0.00
061 Add: Write back from General Reserve	0.00	0.00
062 Less: Transfer to Bonds Redemption Reserve	0.00	0.00
063 Less: Transfer to Foreign Project Reserve	0.00	0.00
064 Less: Transfer to Capital Reserve	0.00	0.00
065 Less: Transfer to CSR Reserve	0.00	0.00
066 Less: Transfer to General Reserve	0.00	0.00
067 Less: Interim Dividend Paid	0.00	0.00
068 Less: Tax on Interim Dividend Paid	0.00	0.00
069 Less: Final Dividend Paid	0.00	0.00
070 Less: Tax on Final Dividend Paid	0.00	0.00
071 Less: Issue of bonus debenture	0.00	0.00
072 Less: Tax on issue of bonus debenture	0.00	0.00
073 Sub-Total	29,753,187,942.23	20,904,634,074.49
074	0.00	0.00
075 Remeasurement of defined benefit plans	0.00	0.00
076 As per last financial statements	-54,342,632.44	-55,968,570.78
077 Add(Less) :- Actuarial Gains/loss through OCI	-22,725,126.71	1,625,938.35
078 Sub-Total	-77,067,759.15	-54,342,632.44
080	0.00	0.00
081 FVTOCI Reserve	0.00	0.00
082 As per last financial statements	0.00	0.00
083 Add(Less) :- Net gain/loss of equity instruments through OCI	0.00	0.00
084 Sub-Total	0.00	0.00
085	0.00	0.00
086 Total Other equity	29,676,120,183.08	20,850,291,442.05

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth issue - Public issue - Series	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
2A)		
012: 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2B).	0.00	0.00
013: 7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 03 May 2022 (60th Issue - Private Placement)	0.00	0.00
014: 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015: 8.30% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016: 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017: 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018: 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of ₹. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019: 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of ₹. 10,00,000/- each redeemable at par in full on 23rd August 2026 (Sixty Second Issue - Private Placement)	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
020 8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021 8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022 7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023 7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024 7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd issue - private placement).	0.00	0.00
026 9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027 8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at par in full on 4th March 2024 (Fifty First Issue A - Private Placement)	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2020	31.03.2019
028 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth issue - Public issue - Series 1A)	0.00	0.00
029 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth issue - Public issue - Series 1B)	0.00	0.00
030 9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031 8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)	0.00	0.00
032 8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033 8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034 8.73% Secured non-cumulative non-convertible redeemable taxable bonds of	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035 9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)iii	0.00	0.00
036 8.24% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)Vii	0.00	0.00
037 7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
038 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019	
(Fifty Ninth Issue - Private Placement).			
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)iii	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)iii	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)iii	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)iii	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)iii	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)iii	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at			31.03.2020	31.03.2019
on 12th January 2019 (Nineteenth issue - private placement)II				
050	11%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VI	0.00	0.00
052	9.4376%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VI	0.00	0.00
053	8.00%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2020	31.03.2019
year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
050 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
051 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at			31.03.2020	31.03.2019
private placement)III/				
065	9.06%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)IV	0.00	0.00
070	7.552%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)/VI		
071 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)/VIII	0.00	0.00
072 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue - Part A - private placement)/VIII	0.00	0.00
074	0.00	0.00
075	0.00	0.00
081	0.00	0.00
082 Sub Total	0.00	0.00
083 Foreign Currency Notes-Unsecured	0.00	0.00
084 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
085 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
086 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
087 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
088 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
089 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
090 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
091 5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
092 3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
093	0.00	0.00
094 Sub Total	0.00	0.00
095 Long term maturities of Finance Lease Obligations (Secured) (X)	0.00	0.00
100 Long term maturities of Finance Lease Obligations (Unsecured) (X)	0.00	0.00
101 Term Loans	0.00	0.00
102 From Banks	0.00	0.00
103 Secured	0.00	0.00
104 Rupee Loans	0.00	0.00
105 Unsecured	0.00	0.00
106 Foreign Currency Loans	0.00	0.00
107 Rupee Loans	0.00	0.00
108 From Others	0.00	0.00
109 Secured	0.00	0.00
110 Rupee Loans	0.00	0.00
111 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
112 Unsecured	0.00	0.00
113 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
114 Other Foreign currency loans	0.00	0.00
115 Rupee Loans	0.00	0.00
116 Deposits	0.00	0.00
117 Unsecured	0.00	0.00
118 Fixed Deposits	0.00	0.00
119 Others	0.00	0.00
120 Unsecured	0.00	0.00
121 Bonds Application Money Pending Allotment	0.00	0.00
122 Sub-total	0.00	0.00
123 Less - Interest accrued but not due on borrowings	0.00	0.00
124 Less - Current maturities of long term borrowings	0.00	0.00
125 Bonds-Secured	0.00	0.00
126 5.875% Fixed Rate Notes	0.00	0.00
127 Foreign currency loans from Banks- unsecured	0.00	0.00
128 Rupee loans from banks- Secured	0.00	0.00
129 Rupee loans from banks- unsecured	0.00	0.00
130 Rupee Term loan from Others - Secured	0.00	0.00
131 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
132 Other foreign currency loans from others- unsecured	0.00	0.00
133 Rupee loans from others- unsecured	0.00	0.00
134 Finance Lease obligations - secured	0.00	0.00
135 Finance Lease obligations - unsecured	0.00	0.00
136	0.00	0.00
137	0.00	0.00



A Maharatra Company

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹.)

	As at	31.03.2020	31.03.2019
200	Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 TRADE PAYABLES(NON CURRENT)	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	1,933,349.82	177,430.38
004 - Others	3,908,745.02	225,468.57
005	0.00	0.00
006 Total	5,842,095.44	402,898.95

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002 Payable for Capital Expenditure	0.00	0.00
003 - Micro & Small Enterprises	759,622.55	0.00
004 - Others	123,682,123.65	50,330.40
005 Others	0.00	0.00
006 Deposits from contractors and others	0.00	0.00
007	0.00	0.00
008	0.00	0.00
009 Total	124,641,746.20	50,330.40

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 26 TO THE FS-NCL-PROVISIONS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
013	0.00	0.00
014 TOTAL	0.00	0.00

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

As at	Open Balance on 01.04.2019	Addition	Closing Balance on 31.03.2020
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Unabsorbed Depreciation	0.00	0.00	0.00
006 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007 MAT credit entitlement	0.00	0.00	0.00
008	0.00	0.00	0.00
009 Total	0.00	0.00	0.00
010	0.00	0.00	0.00
011 Total	0.00	0.00	0.00
012 Breakup of deferred tax assets	0.00	0.00	0.00
013 Provision	0.00	0.00	0.00
014 Statutory dues	0.00	0.00	0.00
015 Leave encashment	0.00	0.00	0.00
016 Others	0.00	0.00	0.00
017	0.00	0.00	0.00
018	0.00	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004	0.00	0.00
005 TOTAL	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-CL-BORROWINGS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Less: Unamortised discount on Commercial Papers	0.00	0.00
011 Total	0.00	0.00
012	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	192,050,005.00	117,610,397.72
004 - Others	2,130,800,382.85	2,778,504,351.57
005	0.00	0.00
006 Total	<u>2,322,850,388.85</u>	<u>2,896,122,749.29</u>
007	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
002 Current maturity of long term borrowings	0.00	0.00
003 Bonds-Secured	0.00	0.00
004 Foreign Currency Fixed Rate Notes	0.00	0.00
005 From Banks	0.00	0.00
006 Secured	0.00	0.00
007 Rupee Term Loan	0.00	0.00
008 Unsecured	0.00	0.00
009 Foreign currency loans	0.00	0.00
010 Rupee term loans	0.00	0.00
011 From Others	0.00	0.00
012 Secured	0.00	0.00
013 Rupee Term Loan	0.00	0.00
014 Unsecured	0.00	0.00
015 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
016 Other foreign currency loans	0.00	0.00
017 Rupee term loans	0.00	0.00
018 Fixed deposits	0.00	0.00
019 Sub Total	0.00	0.00
020 Current maturity of finance lease obligations (secured)	0.00	0.00
021 Current maturity of finance lease obligations (unsecured)	0.00	0.00
022 Interest accrued but not due on borrowings	0.00	0.00
023 Unpaid Dividends*	0.00	0.00
024 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026 Unpaid bond refund money-Tax free bonds *	0.00	0.00
027 Book Overdraft	0.00	0.00
028 Payable to Customers	0.00	0.00
029 Liability under forward exchange contract	0.00	0.00
030 Hedging cost payable to beneficiaries	0.00	0.00
031 Derivative MTM Liability	0.00	0.00
032 Payable for Capital Expenditure	0.00	0.00
033 - Micro & Small Enterprises	92,536,226.45	125,783,582.11
034 - Others	5,414,050,460.03	5,238,092,109.73
035 Others Payables	0.00	0.00
036 Deposits from contractors and others	24,700,632.00	26,219,711.00
037 Gratuity Obligations	0.00	0.00
038 Payable to employees	5,479,510.17	20,117,690.77
039 Payable to holding company	0.00	0.00
040 Retention on A/c BG encashment (Solar)	0.00	0.00
041 Payable to Solar Payment Security Account	0.00	0.00
042 Others **	7,179,647.50	29,642,011.36

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2020	31.03.2019
043	0.00	0.00
044 Total	5,544,856,487.15	5,438,455,994.97
045 * Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046 ** Include Payable to Hospital parties for stale cheques and other payable	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 OTHER CURRENT LIABILITIES	0.00	0.00
002 Advances from customers and others	24,493,002.45	25,904,540.47
003 Deferred discount on forward exchange contract	0.00	0.00
004 Tax deducted at source and other statutory dues	80,290,789.00	34,471,601.03
005 Others	0.00	0.00
006 Total	104,773,871.45	60,376,141.50

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 33 TO THE FS-CL-PROVISIONS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations Incidental to Land Acquisition	0.00	0.00
029 Opening balance	552,695,814.73	597,591,236.65
030 Additions during the year	1,621,857.00	0.00
031 Amounts paid during the year	20,071,567.16	44,895,421.92
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	534,245,104.57	552,695,814.73
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	1,418,822.86	1,888,834.83
044 Additions during the year	0.00	183,763.16
045 Amounts adjusted during the year	0.00	0.00
046 Amounts reversed during the year	0.00	633,774.33
047 Closing Balance	1,418,822.86	1,418,822.86
048 Provision for Arbitration	0.00	0.00
049 Opening balance	45,961,665.00	45,312,763.00
050 Additions during the year	23,120,102.00	668,902.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	0.00	0.00
053 Closing Balance	69,101,767.00	45,981,665.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
103 Total	604,766,894.43	608,086,302.59

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
006 Closing Balance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 35 TO THE FS-DEFERRED REVENUE

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Deferred Revenue	0.00	0.00
002 On account of advance against depreciation	0.00	0.00
003 On account of income from foreign currency fluctuation	4,348,538,000.00	2,381,768,000.00
004 Government grants	58,686,090.00	0.00
005	0.00	0.00
006 TOTAL	4,417,224,090.00	2,381,768,000.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 36 TO THE FS-REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003	0.00	0.00
004 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 37 TO THE FS - REVENUE FROM OPERATIONS

(Amount in ₹)

	For the Year ended	31.03.2020	31.03.2019
001	REVENUE FROM OPERATIONS	0.00	0.00
002	Sales	0.00	0.00
003	Energy Sales (including Electricity Duty)	59,137,220,974.70	60,516,932,935.32
004	Less: Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add: Exchange fluctuation receivable from customers	-318,677,000.00	-25,275,000.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	Sub total	58,818,543,974.70	60,491,657,935.32
010	Less: Rebate to customers	351,683,777.87	596,906,523.41
011	Energy Sales (Total)	58,466,860,196.83	59,894,751,411.91
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra-Company Elimination	0.00	0.00
017	Sub-total	0.00	0.00
018	Total - Sales	58,466,860,196.83	59,894,751,411.91
019	Sale of fly ash/ash products	3,821,465.00	2,839,473.00
020	Less: Transferred to fly ash utilisation reserve fund	-3,821,465.00	-2,839,473.00
021	Sub-total	0.00	0.00
022	Other Operating Income	0.00	0.00
023	Interest from customers	132,066,810.00	1,042,331.00
024	Energy Internally Consumed *	30,934,389.00	24,478,510.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	1,942,526.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income from Trading of ESCerts	0.00	0.00
029	Income from E-Mobility Business	0.00	0.00
030		0.00	0.00
031	Total	58,632,223,925.83	58,920,192,552.91
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash, cenosphere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹.)

	For the Year ended	31.03.2020	31.03.2019
001	OTHER INCOME	0.00	0.00
002	Interest from	0.00	0.00
004	Financial assets at amortised cost	0.00	0.00
005	Government Securities (8.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securities-Non-Trade	0.00	0.00
009	Less: Amortisation of premium	0.00	0.00
010	Sub Total	0.00	0.00
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	16,410,001.84	13,761,002.35
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	1,581,572.06	1,519,478.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less: Refundable to Customers	0.00	0.00
020	Sub Total	0.00	0.00
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	Sub Total	0.00	0.00
024	Deposits with banks-DDUGJY funds	0.00	0.00
025	Interest from Contractors-DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	0.00	16,296,423.62
031		0.00	0.00
032	Dividend from	0.00	0.00
033	Longterm investments in	0.00	0.00
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	Current Investments in	0.00	0.00
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent @ Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	76.00	76.00
044	Profit on disposal of PPE	95,983.60	196,542.58
045	Profit on redemption of GOI securities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹)

	For the Year ended 31.03.2020	31.03.2019
046 Net gain on sale of investments	0.00	0.00
047 Surcharge received from customers	265,812,727.00	101,641,393.00
048 Hire charges for equipment	564,893.00	132,646.00
049 Gain on option contract / Discount on F.ExchContract	0.00	0.00
050 Provision written back-others	5,832,821.59	633,774.33
051 Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052 Interest from Solar payment security account	0.00	0.00
053 Less : Transferred to SPSA fund	0.00	0.00
054 Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055 Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056 Miscellaneous Income	145,080,439.75	78,866,293.00
057 Total	435,376,989.08	209,042,121.89
058 Less Transferred to Development of Coal Mines- Note 43A	0.00	0.00
059 Less Transferred to Expenditure during Construction period (net)- Note 43	0.00	10,290,422.62
061	0.00	0.00
062 Total	435,376,989.08	198,751,699.27
063	0.00	0.00
064 Details of Miscellaneous Income	0.00	0.00
065 Vehicle Hire Charges	63,000.00	140,000.00
066 Sale of by products & residuals	0.00	0.00
067 Township recoveries(excl. Hospital Recoveries)	8,291,634.30	4,583,895.52
068 Depreciation written back	0.00	0.00
069 Sale of Scrap.	26,226,450.35	52,360,544.60
070 Receipt under loss of profit policy.	0.00	0.00
071 Receipts under MBO/Fire Policy	100,000,000.00	0.00
072 Management development programme	0.00	0.00
073 Management Fee - Misc (NVVN)	0.00	0.00
074 Others	12,484,355.10	16,781,852.50
075	0.00	0.00
076 Total (Miscellaneous Income)	145,080,439.75	78,866,293.00
077	0.00	0.00
078 Details of Provision written back others	0.00	0.00
079 Doubtful debts	0.00	0.00
080 Doubtful Loans, Advances and Claims	0.00	0.00
081 Doubtful Construction Advances	0.00	0.00
082 Shortage in Construction Stores	3,971,433.48	0.00
083 Shortage in Stores	1,660,566.11	0.00
084 Obsolescence in Stores	0.00	0.00
085 Unserviceable capital works	0.00	0.00
086 Other Obligation	0.00	0.00
087 Shortage in Fixed Assets	0.00	633,774.33



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹.)

	31.03.2020	31.03.2019
088: Diminution in value of Investment	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38A TO THE FS-FUEL COST

(Amount in ₹)

	For the Year ended	31.03.2020	31.03.2019
001	FUEL COST	0.00	0.00
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	33,378,281,534.23	34,426,683,040.44
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	388,279,783.15	388,206,125.70
008	Total	33,744,561,297.38	34,806,889,966.14
009		0.00	0.00
010		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS - EMPLOYEE BENEFITS EXPENSE

(Amount in ₹.)

	For the Year ended 31.03.2020	31.03.2019
001 EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002 Salaries and wages	1,050,474,530.14	1,044,119,660.01
003 Contribution to provident and other funds	101,875,539.33	137,541,058.24
004 Unwinding of deferred payroll expense	9,932,660.69	7,616,069.78
005 Staff welfare expenses	99,811,906.65	108,552,025.84
006 Less - Expenses transferred to Consultancy group	0.00	0.00
007	0.00	0.00
008 Sub Total	1,262,094,694.84	1,297,828,841.85
009 Less: Employee benefits expense inventorised	71,135,709.24	71,844,071.35
010 Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	0.00	0.00
012 Less: Transferred to fly ash utilisation reserve fund	0.00	13,218,195.85
013 Less: Transferred to CSR Expenses	0.00	0.00
014 Reimbursements for employees on secondment	0.00	0.00
015 Less: Transferred to expenditure during construction period (net)- Note 43	79,040,103.65	95,657,463.44
016 TOTAL	1,111,918,881.82	1,117,109,111.23
017 Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
018 Salaries and wages	0.00	0.00
019 Contribution to provident and other funds	0.00	0.00
020 Staff welfare expenses	0.00	0.00
021 Directors fee	0.00	0.00
022	0.00	0.00
023	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 40 TO THE FS - FINANCE COSTS

(Amount in ₹.)

	For the Year ended 31.03.2020	31.03.2019
001 FINANCE COSTS	0.00	0.00
002 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003 Bonds	1,425,784,288.87	1,361,132,345.74
004 Government of India Loans	0.00	0.00
005 Foreign currency term loans	272,852,151.42	341,965,788.68
006 Rupee term loans	2,301,263,655.00	2,582,173,798.00
007 Public deposits	0.00	0.00
008 Foreign currency bonds/notes	1,116,127,325.61	1,099,539,635.52
009 Cash Credit	0.00	0.00
010 Unwinding of discount on account of vendor liabilities	929,862.16	141,412.13
011 Commercial Papers	0.00	0.00
012 Others	0.00	2,069.00
013 Sub Total	5,118,957,282.26	5,385,015,029.05
014 Other Borrowing Costs	0.00	0.00
015 Bonds servicing & public deposit exp.	1,978,555.34	3,256,570.95
016 Guarantee fee	0.00	0.00
017 Management fee	0.00	0.00
018 Commit charges/exposure premium	0.00	0.00
019 Bond issue expenses	0.00	0.00
020 Legal exp on foreign currency loans	0.00	0.00
021 Foreign currency bonds/notes exp.	0.00	0.00
022 Up-front fee	0.00	0.00
023 Insurance premium on foreign currency loans	0.00	0.00
024	0.00	0.00
025 Others	32,735.60	32,742.25
026 Sub Total (Other Borrowing cost)	2,009,210.34	3,289,263.20
027	0.00	0.00
028 Exchange differences regarded as an adjustment to interest costs	213,058,422.00	7,882,011.00
029 Sub Total	5,334,023,014.60	5,396,186,203.25
030 Less: Transferred to Expenditure during construction period (net) - Note 43	124,805,480.00	155,623,361.00
031 Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032	0.00	0.00
033 Total	5,209,117,528.60	5,240,562,842.25

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 41 TO THE FS- DEPRECIATION, AMORTIZATION AND IMPAIRMENT EXPENSE (Amount in ₹.)

	31.03.2020	31.03.2019
For the Year ended		
001 Depreciation, amortization and impairment expense	0.00	0.00
002 On property, plant and equipment- Note 2	7,721,744,387.32	7,542,959,341.57
003 On intangible assets- Note 4	3,212,249.41	3,524,770.69
004 Sub-total	7,724,956,636.73	7,546,484,112.26
005 Less:	0.00	0.00
006 Inventorised	420,859,646.37	417,235,716.85
007 Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008 Transferred/Allocated to development of coal mines	0.00	0.00
009 Adjustment with deferred revenue from deferred foreign currency fluctuation	205,281,000.00	192,083,000.00
010 Total	7,090,815,990.36	6,937,166,393.41

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 42 TO THE FS - OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2020	31.03.2019
001 OTHER EXPENSES	0.00	0.00
002 Power charges	31,673,948.00	28,929,787.72
003 Less: Recovered from contractors & employees	3,229,224.81	2,587,506.20
004 Sub-Total(Power Charges)	28,444,723.09	26,342,281.52
005 Water charges	226,076,342.00	258,030,145.00
006 Stores consumed	107,977,976.79	132,195,735.37
007 Rent	0.00	0.00
008 Less Recoveries	0.00	0.00
009 Sub-Total (Rent)	0.00	0.00
010 Cost of extraction of Captive coal	0.00	0.00
011 Repairs & maintenance	0.00	0.00
012 Buildings	77,785,631.73	40,254,942.31
013 Plant & machinery	0.00	0.00
014 Power stations	1,377,574,530.42	1,370,711,688.73
015 Construction equipment	4,461,104.77	5,665,210.73
016 Others	89,771,685.40	134,566,762.60
017 Sub-total (Repairs & maintenance)	1,640,572,950.32	1,559,198,602.37
019 Load Dispatch Center Charges	12,005,333.60	38,731,875.00
021 Insurance	61,787,704.00	54,306,911.66
022 Interest to beneficiaries	0.00	0.00
023 Rates and taxes	35,646,580.57	30,143,789.87
024 Water cess & environment protection cess	27,719,353.06	25,176,568.00
025 Training & recruitment expenses	1,769,036.00	1,859,736.00
026 Less: Receipts	0.00	0.00
027 Sub-total (Training and recruitment expenses)	1,769,036.00	1,859,736.00
028 Communication expenses	15,277,806.59	16,234,053.07
029 Inland Travel	54,616,895.19	59,633,156.69
030 Foreign Travel	205,660.30	329,335.85
031 Tender expenses	129,100.00	938,963.00
032 Less: Receipt from sale of tenders	0.00	81,334.00
033 Sub-total (Tender expenses)	129,100.00	857,629.00
034 Payment to auditors	0.00	0.00
035 Audit fee	0.00	0.00
036 Tax audit fee	0.00	0.00
037 Other services	0.00	0.00
038 Reimbursement of expenses	0.00	0.00
039 Sub-total (Payment to Auditors)	0.00	0.00
040 Advertisement and publicity	1,866,166.56	995,466.60
041 Electricity duty	0.00	0.00
042 Security expenses	210,563,841.52	188,017,467.45
043 Entertainment expenses	11,686,584.75	8,579,818.04
044 Expenses for guest house	21,393,187.00	21,444,124.50
045 Less Recoveries	1,107,560.20	688,816.80
046 Sub-Total (Guest house expenses)	20,285,626.80	20,755,307.70
047 Education expenses	0.00	0.00
049 Donations	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 42 TO THE FS - OTHER EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2020	31.03.2019
050	Ash utilisation & marketing expenses	669,031,765.09	219,686,234.25
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	4,029,174.76	16,106,788.20
054	Legal expenses	11,899,193.00	11,927,412.00
055	EDP hire and other charges	1,828,610.00	3,627,732.84
056	Printing and stationery	2,959,571.45	1,567,495.72
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	23,105,505.24	25,261,945.67
061	Reimbursement of L.C. charges on sales realisation	0.00	0.00
062		0.00	0.00
063	Cost of Hedging	0.00	0.00
064	Derivatives MTM loss/gain (Net)	0.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	146,023,696.06	-96,119,558.64
066	Transport Vehicle running expenses	1,981,747.44	2,326,214.43
067	Horticulture Expenses	21,591,846.32	18,325,821.53
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	1,316,473.00	1,594,778.12
070	Demurrage Charges	0.00	611,100.00
072		0.00	0.00
073	Miscellaneous expenses	34,529,292.62	45,773,692.60
074	Loss on disposal/write-off of PPE	126,473,416.20	75,955,929.99
075	Sub-Total	3,401,612,976.68	2,761,893,505.70
076	Less: Other expenses inventorised	227,688,326.44	179,057,279.25
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	16,549,045.80	17,469,869.44
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
080		0.00	0.00
081	Less: Transferred to CSR Expenses	0.00	0.00
082	Less: Transferred to Expenditure during Construction period (net)-Note 43	11,545,630.99	16,244,337.04
083	Net (Generation, Administration and Other expenses)	3,145,829,976.45	2,567,382,017.97
084	Corporate Social Responsibility Expenses	0.00	0.00
085	Less: Grants-in-aid	0.00	0.00
086	Sub-total (Corporate Social Responsibility Expenses)	0.00	0.00
087	Provisions	0.00	0.00
088	Doubtful Debts	0.00	0.00
089	Doubtful loans, advances and claims	0.00	0.00
090	Doubtful Construction Advances	0.00	0.00
091	Shortage in stores	-2,061,883.00	77,285,370.00
092	Obsolete/Diminution in the value of surplus stores	474,595.74	0.00
093	Shortage in construction stores	23,932.33	188,765.00
094	Diminution in value of long term investments	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS - OTHER EXPENSE

(Amount in ₹.)

	For the Year ended	31.03.2020	31.03.2019
095	Shortage in Fixed assets	0.00	163,763.16
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	0.00	0.00
098	Tariff Adjustment	45,357,800.00	14,655,000.00
099	Others	0.00	0.00
100	(i) Provision for arbitration cases	23,120,102.00	0.00
101	(ii) Other provisions	0.00	0.00
102	Total (Provisions)	66,513,747.07	92,290,858.16
103		0.00	0.00
104	Total	3,212,743,722.52	2,649,672,916.13
105		0.00	0.00
106	Breakup of miscellaneous expenses.	0.00	0.00
109	Hire charges of office equipment	0.00	0.00
111	Operating expenses of construction equipment	0.00	0.00
112	Operating expenses of D.G. sets	513,465.53	556,940.43
113	Furnishing expenses	1,404,454.30	1,011,140.26
114	Subscription to trade and other associations	0.00	0.00
115	Visa and entry permit charges	0.00	0.00
117	Tree plantation exp -NTPC Land	15,375,150.04	20,576,034.00
118	Research & development expenses	0.00	0.00
119	Less: Grants received for Research & development expenses	0.00	0.00
120	Sub-total (Research & development expenses)	0.00	0.00
121	Bank charges	900,670.66	1,724,188.76
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVN)	0.00	0.00
124	Power Trading Expenses	1,511,365.00	1,783,945.00
125	Brokerage & commission	1,813,581.39	624,874.81
129	Books and periodicals	155,000.30	123,052.00
130	Claims/advances written off	0.00	0.00
131	Stores written off	0.00	0.00
132	Survey & Investigation expenses written off	0.00	0.00
133	Others	12,055,803.35	11,361,409.54
134	Total	34,529,292.62	45,773,692.60
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS - EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended 31.03.2020	31.03.2019
001	EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00
002	A. Employee benefits expense	0.00
003	Salaries and wages	69,387,389.25
004	Contribution to provident and other funds	6,739,597.23
005	Unwinding of deferred payroll expenses	0.00
006	Staff welfare expenses	2,912,917.20
007	Total (A)	79,040,103.68
008	B. Finance Costs	0.00
009	Finance charges on financial liabilities measured at amortised cost	0.00
010	Bonds	33,069,830.00
011	Foreign currency term loans	8,938,222.00
012	Rupee term loans	54,301,760.00
013	Foreign currency bonds/notes	18,956,331.00
014	Unwinding of discount on account of vendor liabilities	0.00
015	Others	0.00
016		0.00
017	Other Borrowings Costs	0.00
018	Guarantee Commission	0.00
019	Management Fees/Arrangers Fees	0.00
020	Commitment charges/Exposure Premium	0.00
021	Legal Expenses on foreign currency loans	0.00
022	Foreign currency bonds/notes expenses	0.00
023	Foreign Credit Insurance Premium	0.00
024	Upfront Fee	0.00
025	Exchange Differences	0.00
026	Others	221,331.00
027	Exchange differences regarded as adjustment to interest cost	9,420,006.00
028	Total (B)	124,905,488.00
029		0.00
030	C. Depreciation and amortisation	0.00
031	D. Generation , administration and other expenses	0.00
032	Power charges	0.00
033	Less: Recovered from contractors & employees	0.00
034	Sub-total(Net power charges)	0.00
035	Water charges	0.00
036	Rent	0.00
037	Repairs & maintenance	0.00
038	Buildings	5,365,796.28
039	Construction equipment	1,917,575.00
040	Others	120,004.00
041		0.00
042	Insurance	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS - EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹.)

	For the Year ended	31.03.2020	31.03.2019
043	Rates and taxes	0.00	0.00
044	Communication expenses	736,354.64	975,544.16
045	Travelling expenses	3,125,927.07	4,753,857.33
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	279,974.00	236,076.14
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	6,770.00
063	Miscellaneous expenses	0.00	1,057,405.97
064	Total (D)	11,546,830.99	16,244,337.04
065	Total (A+B+C+D)	215,491,222.67	257,525,161.48
066	E. Less: Other Income	0.00	0.00
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	10,290,422.62
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	TOTAL (E)	0.00	10,290,422.62
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	215,491,222.67	257,234,738.86
080		0.00	0.00
081	* Balance carried to Capital Work-In-progress - (Note 3)	215,491,222.67	257,234,738.86

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING**

(Amount in ₹.)

	For the Year ended	31.03.2020	31.03.2019
001	EDC- Coal Mining	0.00	0.00
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deferred payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	Total (A)	0.00	0.00
008	B. Finance Costs	0.00	0.00
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	Total (B)	0.00	0.00
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	D. Generation , administration and other expenses	0.00	0.00
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	Sub-total(Net power charges)	0.00	0.00
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING**

(Amount in ₹.)

For the Year ended	31.03.2020	31.03.2019
044 Communication expenses	0.00	0.00
045 Travelling expenses	0.00	0.00
046 Tender expenses	0.00	0.00
047 Less: Income from sale of tenders	0.00	0.00
048 Sub-total (Net tender expenses)	0.00	0.00
049 Advertisement and publicity	0.00	0.00
050 Security expenses	0.00	0.00
051 Entertainment expenses	0.00	0.00
052 Guest house expenses	0.00	0.00
053 Less: Receipt from guest house	0.00	0.00
054 Sub-total (Not Guest House Expenses)	0.00	0.00
055 Education expenses	0.00	0.00
056 Brokerage & Commission	0.00	0.00
057 Books and periodicals	0.00	0.00
058 Community development expenses	0.00	0.00
059 Professional charges and consultancy fee	0.00	0.00
060 Legal expenses	0.00	0.00
061 EDP Hire and other charges	0.00	0.00
062 Printing and stationery	0.00	0.00
063 Miscellaneous expenses	0.00	0.00
064 Total (D)	0.00	0.00
065 Total (A+B+C+D)	0.00	0.00
066 E. Less: Other Income	0.00	0.00
067 Interest from	0.00	0.00
068 Indian banks	0.00	0.00
069 Foreign banks	0.00	0.00
070 Others	0.00	0.00
071 Contractors	0.00	0.00
072 Hire charges	0.00	0.00
073 Sale of scrap	0.00	0.00
074 Exchange Differences	0.00	0.00
075 Miscellaneous income	0.00	0.00
076 TOTAL (E)	0.00	0.00
077 F. Net actuarial gain/loss OCI	0.00	0.00
078	0.00	0.00
079 GRAND TOTAL (A+B+C+D-E+F)	0.00	0.00
080	0.00	0.00
081 * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS**

(Amount in ₹.)

As at	31.03.2020	31.03.2019
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	2,075.86	2,074.85
007 (b) value (in rs)	3,707,404,497.16	3,705,090,410.16
008 Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjust	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 (b) value (in rs)	0.00	0.00
016 Right-of-use buildings pending completion of legal formalities - value (in rs)	0.00	0.00
017 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
018 Property, plant & equipment	14,760,070,114.41	15,587,050,831.99
019 Intangible assets	0.00	0.00
020 Details of precommissioning expenditure	0.00	0.00
021 (a) precommissioning expenses	0.00	0.00
022 (b) precommissioning income	0.00	-3,997,464.00
023 (c) net precommissioning expenditure	0.00	2,997,464.00
024 Impact due to change in Accounting policy:-	0.00	0.00
025 (a) Increase in profit/Decrease in depreciation for the year due to change in depreciation on RE assets (Competitive bidding)	0.00	0.00
026 (b) Decrease in profit due to the adjustment in grants recognized consequent to change in policy	0.00	0.00
027	0.00	0.00
028	0.00	0.00
029	0.00	0.00
030	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	-132,257,229.94	4,040,619.33
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	2,103,996,435.90	1,134,493,923.21
050 Finance lease	0.00	0.00
051 A) obligations towards minimum lease payments	0.00	0.00
052 Not later than one year	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹.)

As at	31.03.2020	31.03.2019
053 Later than one year and not later than five years	0.00	0.00
054 Later than five years	0.00	0.00
055 Total	0.00	0.00
056 B) present value of (a) above	0.00	0.00
057 Not later than one year	0.00	0.00
058 Later than one year and not later than five years	0.00	0.00
059 Later than five years	0.00	0.00
060 Total	0.00	0.00
061 C) finance charges	0.00	0.00
062 Operating leases	0.00	0.00
063 A) rent	0.00	0.00
064 Company lease accomodation - executives	0.00	68,791.70
065 Company lease accomodation - directors	0.00	0.00
066 Others	0.00	0.00
067 Total	0.00	68,791.70
068 B) (i) receipts from sub-lease of office buildings	0.00	0.00
069 (ii) receipts from sub-lease of helicopter	0.00	0.00
070 Borrowing cost capitalised during the year	124,905,486.00	155,623,361.00
071 Revenue grants recognized during the year	0.00	0.00
072 Revenue expenditure on research and development	0.00	0.00
073 Capital expenditure on research and development	0.00	0.00
074	0.00	0.00
075 Expenditure on sustainability development - capital	0.00	0.00
076 Expenditure on csr- capital	0.00	0.00
077 Csr amount spent during the year, yet to be paid in cash	0.00	0.00
078 Constr/acquisition of any asset	0.00	0.00
079 On purpose other than above	0.00	0.00
080	0.00	0.00
081	0.00	0.00
082 Disclosure under msmed act 2006	0.00	0.00
083 (i) (a) the principal amount remaining unpaid as at year end	288,279,290.70	243,579,410.21
084 (i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
085 (ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
086 (iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
087 (iv) the amount of interest accrued and remaining unpaid at the end of the year, and	0.00	0.00
088 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
111	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS
(Amount in ₹)

As at	31.03.2020	31.03.2019
112 Amount of inventories recognized as an expense (including fuel)	34,262,116,139.22	35,155,346,379.15
113 Amount of inventories capitalised as overhauling assets out of 112 above	162,271,548.32	67,273,593.63
114 Amount capitalised as adc out of 112 above	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of :	0.00	0.00
137 (i) Capital works	4,264,819,529.00	3,688,996,304.00
138 (ii) Land compensation cases	4,746,110.00	4,746,110.00
139 (iii) Others by state authorities towards -	0.00	0.00
140 (a) Water royalty / water charges / nala tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00
142 (c) Other demands by state authorities	51,660,274.00	51,660,274.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	0.00	0.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	22,209,144.00	0.00
149 B. Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax	0.00	4,836,304.00
154 (v) Entry tax	0.00	0.00
155 C. Others	0.00	0.00
156 Total	4,369,435,057.00	3,730,235,072.00
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii) Land compensation cases	0.00	0.00
160 (iii) Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	0.00	0.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vii) Others	0.00	0.00
167 Total	0.00	0.00
168 E. AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	2,778,265.00
169	0.00	0.00
170 F. CONTINGENT ASSETS	0.00	0.00
171	0.00	0.00
172	0.00	0.00
173	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS**

(Amount in ₹.)

	31.03.2020	31.03.2019
As at		
175 Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended	31.03.2020	31.03.2019
001	1) Transactions during the year- subsidiaries	0.00	0.00
002	Contracts for works/services for services received by the company	0.00	0.00
003	Contracts for works/services for services provided by the company	0.00	0.00
004	Deputation of employees	0.00	0.00
005	Purchases or sales of goods	0.00	0.00
006	Purchases or sales of property and other assets	0.00	0.00
007	Sub-total	0.00	0.00
008		0.00	0.00
009	Dividend received	0.00	0.00
010	Equity contributions made	0.00	0.00
011	Share application money pending allotment	0.00	0.00
012	Loans granted	0.00	0.00
013	Guarantees received	0.00	0.00
014	Guarantees provided	0.00	0.00
015	Sub-total	0.00	0.00
016		0.00	0.00
017	Transactions during the year- jvs	0.00	0.00
018	Contracts for works/services for services received by the company	435,776,020.58	458,805,343.52
019	Contracts for works/services for services provided by the company	0.00	0.00
020	Deputation of employees	0.00	0.00
021	Purchases or sales of goods	54,553,142.01	437,009,910.45
022	Purchases or sales of property and other assets	0.00	0.00
023	Sub-total	490,329,162.59	895,815,253.97
024		0.00	0.00
025	Dividend received	0.00	0.00
026	Equity contributions made	0.00	0.00
027	Share application money pending allotment	0.00	0.00
028	Loans granted	0.00	0.00
029	Guarantees received	0.00	0.00
030	Guarantees provided	0.00	0.00
031	Sub-total	0.00	0.00
032	Total	490,329,162.59	895,815,253.97
033	Transactions with post employment benefit plans	0.00	0.00
034	Contributions made during the year	0.00	0.00
035	Compensation to key management personnel	0.00	0.00
036	Short term employee benefits	0.00	0.00
037	Post employment benefits	0.00	0.00
038	Other long term benefits	0.00	0.00
039	Termination benefits	0.00	0.00
040	Share based payments	0.00	0.00
041	Sub-total	0.00	0.00
042	Transactions with the related parties under the	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-B TO THE FS - RPD DISCLOSURE - TRANSACTIONS DURING THE PERIOD
(Amount in ₹)

For the Year ended	31.03.2020	31.03.2019
control of the same government:		
043 Coal india ltd. And its subsidiaries- purchase of coal	12,279,532,612.05	14,703,274,267.28
044 Singareni coalfields ltd- purchase of coal	3,470,466,412.05	3,034,152,807.83
045 BHEL Ltd.	0.00	0.00
046 Purchase of equipment, supply & erection services	8,161,997.39	6,449,422.48
047 Purchase of spares	172,916,117.17	345,044,067.32
048 Maintenance services	317,668,247.86	203,350,509.71
049 Sub-total	398,745,462.92	554,045,999.51
050 Gail (i) ltd. Supply of natural gas	0.00	0.00
051 Iocl supply of oil products	336,514.77	106,072,559.74
052 Bpcl-supply of natural gas and oil	0.00	158,534,638.69
053 SAIL-supply of steel and iron products	18,793,876.73	55,242,676.65
054 Other entities	0.00	0.00
055 Purchase of equipments & erection services	0.00	2,243,234.00
056 Purchase of spares	258,525.07	1,546,775.66
057 Maintenance services	96,576,690.33	129,391,879.62
058	0.00	0.00
059 Total	16,264,670,105.75	19,774,362,838.38
060 Transaction with other	0.00	0.00
061 Transaction with ntpc education and research society and ntpc foundation	0.00	0.00
062 - transactions during the year	0.00	0.00
063 ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
064 Compensation to key management personnel (including co secretary/ cmd and non executive directors)	0.00	0.00
065 Short term employee benefits	0.00	0.00
066 Post employment benefits	0.00	0.00
067 Other long term benefits	0.00	0.00
068 Directors sitting fee	0.00	0.00
069 Termination benefits	0.00	0.00
070 Share based payments	0.00	0.00
071 Bank guarantee received from joint venture companies	0.00	0.00
072 Additional Transactions with GAIL	0.00	0.00
073	0.00	0.00
074	0.00	0.00
075	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-C TO THE FS-RPD DISCLOSURE- OUTSTANDING BALANCES

(Amount in ₹)

As at	31.03.2020	31.03.2019
001 Outstanding balance	0.00	0.00
002 Amount recoverable towards loans	0.00	0.00
003 - From Subsidiaries	0.00	0.00
004 - From JVC	0.00	0.00
005 - From KMP	0.00	0.00
006 - From Others	0.00	0.00
007 Sub-total	0.00	0.00
008 Amount recoverable other than loan	0.00	0.00
009 - from subsidiaries	0.00	0.00
010 - from joint ventures	0.00	0.00
011 - from key managerial personnel	0.00	0.00
012 - from post employment benefit plans	0.00	0.00
013 - from others	0.00	0.00
014 Sub-total	0.00	0.00
015 Amount payable	0.00	0.00
016 - from subsidiaries	0.00	0.00
017 - from joint ventures	79,678,030.69	114,201,866.33
018 - from key managerial personnel	0.00	0.00
019 - from post employment benefit plans	0.00	0.00
020 - from others	0.00	0.00
021 Sub-total	79,678,030.69	114,201,866.33
022	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
BALANCE SHEET**

(Amount in ₹)

Sl. No.	Code	31.03.2021	31.03.2020
001	ASSETS	0.00	0.00
002		0.00	0.00
003	Non-Current Assets	0.00	0.00
004	Property, plant and equipment	107,159,386,487.51	112,467,500,856.07
005	Capital Work-in-Progress	1,008,805,843.00	2,008,000,851.72
006	Intangible Assets	45,716,206.53	45,752,212.52
007	Intangible Assets under Development	0.00	0.00
008	Financial Assets	0.00	0.00
009	Investments in Subsidiaries and Joint Ventures	0.00	0.00
010	Investments	0.00	0.00
011	Loans receivable	0.00	0.00
012	Loans	120,512,441.72	112,219,276.24
013	Other financial assets	10,752,832.00	13,370,914.78
014	Derivative financial assets	4,308,820,051.27	4,288,800,476.22
015	Total Non-current assets	112,157,796,836.22	121,712,789,191.78
016		0.00	0.00
017	Current Assets	0.00	0.00
018	Inventory	3,308,782,901.35	7,165,988,474.26
019	Financial assets	0.00	0.00
020	Investments	0.00	0.00
021	Trade receivables	277,074.56	247,327.12
022	Cash and cash equivalents	811,825.71	852,394.68
023	Bank balances other than cash and cash equivalents	0.00	0.00
024	Loans	50,120,195.25	48,251,361.88
025	Other financial assets	50,821,033.50	64,854,788.25
026	Current tax assets only	0.00	0.00
027		0.00	0.00
028	Other Current Assets	2,439,269,189.16	3,440,672,546.66
029		0.00	0.00
030	Total Current Assets	3,178,666,089.12	11,149,860,479.51
031	Regulatory deferral account asset (current)	1,010,205,207.68	1,214,230,517.24
032	TOTAL ASSETS	127,886,667,283.24	134,068,924,988.29
033	EQUITY AND LIABILITIES	0.00	0.00
034	Equity	0.00	0.00
035	Equity share capital	0.00	0.00
036	Other equity	37,218,793,783.01	29,671,125,183.58
037	Total equity	37,218,793,783.01	29,671,125,183.58
038		0.00	0.00
039	Liabilities	0.00	0.00
040	Non-Current Liabilities	0.00	0.00
041	Financial liabilities	0.00	0.00
042	Loans	0.00	1.00

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MAUDA SUPER THERMAL POWER PROJECT

BALANCE SHEET

(Amount in ₹)

As at	Head	31.03.2021	31.03.2020
040	III Trade payables	0.00	0.00
041	- Total outstanding dues of creditors from work and small enterprises	1,017,955.50	1,433,345.70
042	- Total outstanding dues of creditors other than work and small enterprises	3,215,424.50	1,950,740.00
100	IV Other financial liabilities	11,464,370.50	124,541,740.20
101	Provisionary	0.00	0.00
102	Deferred Tax liabilities (net)	0.00	0.00
103	Other non-current liabilities	0.00	0.00
104	(a)	0.00	0.00
105	Total non-current liabilities	22,697,750.50	130,451,841.90
106		0.00	0.00
150	Current Liabilities	0.00	0.00
151	Financial liabilities	0.00	0.00
152	i) Borrowings	0.00	0.00
153	ii) Trade Payables	0.00	0.00
154	- Total outstanding dues of creditors from work and small enterprises	107,335,000.14	49,266,000.50
155	- Total outstanding dues of creditors other than work and small enterprises	2,403,530,633.50	2,110,300,380.00
156	iii) Other financial liabilities	5,124,511,787.00	6,562,388,887.00
157	iv) Government securities	74,570,382.00	104,373,671.41
158	Provisions	881,758,046.18	802,783,946.11
159	Current tax liabilities (net)	0.00	0.00
160		0.00	0.00
161	Sub-Total	8,510,811,830.82	8,578,246,641.01
200		0.00	0.00
201	Deferred Revenue	3,768,074,725.00	4,417,224,680.00
202	Regulatory assets (account credit) balance	0.00	0.00
203	Non-Current Assets	27,460,589,328.25	54,286,641,271.81
204		0.00	0.00
205	TOTAL EQUITY AND LIABILITIES	127,899,087,253.34	134,088,824,883.39
206	Significant Accounting Policies as per Note 3	0.00	0.00
207		0.00	0.00
208	The accompanying notes 1 to 44 form an integral part of these financial statements.	0.00	0.00
209		0.00	0.00
210		0.00	0.00

(Authorised Sign & Stamp)

(Head of Finance)

(Head of Line)

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MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS

		[Amount in T]		
For the Year ended,		Year	31.03.2021	31.03.2020
001	Revenue		0.00	0.00
002	Revenue from operations	27	41,494,021,095.77	38,932,223,923.83
003	Other income	36	472,705,632.95	433,376,396.38
006	Total Revenue		41,966,726,728.72	39,365,600,320.21
007	Expenses		0.00	0.00
008	Fuel including cost of captive coal	38A	19,479,843,432.40	23,744,387,397.38
009	Employee benefits expense	39	1,432,946,511.05	1,111,916,281.50
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	4,381,376,150.00	6,526,419,326.61
012	Depreciation and amortization expenses	41	7,622,096,461.21	7,086,819,368.26
013			0.00	0.00
019	Other expenses	42	3,498,979,843.37	3,212,745,732.52
020	CC - exceptional change to revenue		666,167,405.31	793,000,812.37
026	Loan short expenses transferred to CC		0.00	0.00
034	Total expenses		38,880,718,802.99	31,182,182,381.05
035	Profit before exceptional items & tax		3,116,021,721.43	8,183,417,939.16
036	Exceptional items		0.00	0.00
034	Profit before tax		3,116,021,721.43	8,183,417,939.16
037	Tax expense		0.00	0.00
025	Current tax		0.00	0.00
023	Deferred tax		0.00	0.00
029			0.00	0.00
031	Total Tax expense		0.00	0.00
032	Profit for the period before regulatory deferral account balances		3,116,021,721.43	8,183,417,939.16
033	Movement in regulatory deferral account balances		0.00	0.00
036	Regulatory deferred account - deferred		0.00	0.00
034	Other		437,948,400.38	343,146,346.88
038	Tax expense on Regulatory deferral account balances		0.00	0.00
037	Movement in Regulatory deferral account balances (Net of Tax)		437,948,400.38	343,146,346.88
039	Profit for the period/ year		3,553,970,121.81	8,526,564,286.04
039	Other comprehensive income		0.00	0.00
040	(2) Items that will not be reclassified to profit or loss		0.00	0.00
041	- Net gain (losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
042	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
043	- Net actuarial gains (losses) on defined benefit plans		(1,336,625.46)	(2,725,026.77)
044	Income tax on above that will not be reclassified to profit or loss		0.00	0.00

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**MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS**

(Amount in ₹)

For the Year ended	Notes	31.03.2021	31.03.2020
048		0.00	0.00
049	Other comprehensive income for the year, net of income tax	-11,316,620.48	-22,725,126.71
050		0.00	0.00
051	Total Comprehensive Income for the year	7,542,073,601.83	6,325,625,741.83
052		0.00	0.00
053	Earnings per equity share:	0.00	0.00
057	Basic & Diluted	0.00	0.00
058	Significant Accounting Policies	0.00	0.00
059	Expenditure during construction period (Net) (See, of cost notes para 47) - 43A	0.00	0.00
060	The accompanying notes 1 to 44 form an integral part of these financial statements.	0.00	0.00

(Auditor Initial & Stamp)



(Head of Finance)
मानoj के. जहा / MANOJ K.
JHA (Head of Finance)
NTPC Limited, NTPC Limited
NTPC Limited, NTPC Limited
NTPC Limited, NTPC Limited
NTPC Limited, NTPC Limited


(Head of Unit)
हरि प्रसाद जौरी
HARI PRASAD JAI
NTPC Limited, NTPC Limited
NTPC Limited, NTPC Limited
NTPC Limited, NTPC Limited



**MAUDA SUPER THERMAL POWER PROJECT
OTHER COMPREHENSIVE INCOME**

	(Amount in ₹)	
For the Year ended	31.03.2021	31.03.2020
001	0.00	0.00
002 Other comprehensive income	0.00	0.00
003 (A) Items that will not be reclassified to profit or loss	0.00	0.00
004 - Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006 - Net actuarial gains/(losses) on defined benefit plans	-0,318,620.48	-22,725,126.71
007 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008	0.00	0.00
009 (B) Items that will be reclassified to profit or loss	0.00	0.00
010 Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011	0.00	0.00
012 Other comprehensive income for the year, net of income tax	-11,318,620.48	-22,725,126.71
013	0.00	0.00
014 Total comprehensive income for the year (A+B)	-11,318,620.48	-22,725,126.71


 श्री. ए. जे. शर्मा
 चार्टर्ड अकाउंटेंट्स / एम. एम. ए.
 एन. ए. ए. ए. / एन. ए. ए. ए.
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 हरि प्रसाद जोशी
 श्री. प्रसाद जोशी
HARI PRASAD JOSHI
 Group General Manager
 एन. ए. ए. ए. / एन. ए. ए. ए.
 एन. ए. ए. ए. / एन. ए. ए. ए.

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
1 TANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Land (including development expenses)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Right of Use	3707484487.15	0.00	0.00	3707484487.15	657040078.71	157759047.12	0.00	824799173.83	2882688373.32	3040444410.48
5 Submergence	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Coal Bearing Area Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Roads, bridges, culverts & flyovers	2107952046.24	0.00	49251823.77	2247104870.02	303822051.98	24443160.07	0.00	309065223.05	1859030347.96	10842330894.28
8 Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main plant	1209457482.31	0.00	25111827.17	1234569310.48	116175883.73	32788423.45	0.00	108953292.18	1065605017.30	1093230628.58
11 Others	2663727436.85	64330548.58	18992718.01	2779051702.42	456277854.43	85755897.16	0.00	551232751.59	2227897950.83	2202459652.83
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary erection	3455130.45	0.00	0.00	3455130.45	3455130.45	0.00	0.00	3455130.45	0.00	0.00
14 Water Supply, drainage & sewerage system	962681210.79	2090904.97	1066542.82	96516859.94	182226324.88	41745855.01	0.00	203775450.89	762043108.84	300824395.91
15 Hydraulic works, barrages, dams, tunnels and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MGR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Railway siding	2013113445.79	0.00	139439723.89	2002163172.72	58058537.07	153180775.83	0.00	733773812.90	193879559.82	1932520911.89
18 Earth dam reservoir	48890099.77	0.00	0.00	48890099.77	14511022.40	2952324.48	0.00	1773846.88	32122152.89	35084477.37
19 Plant and machinery(including associated civil works) Owned Asset	128358213890.88	1088246985.09	121255093.71	127586310722.26	26068498843.08	7281954457.09	(91367653.82)	33259465445.35	94200381297.33	100290115247.88

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
20 Plant and machinery(including associated civil works) -Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	479109132.50	26650495.93	49274704.55	555133333.95	114092257.85	36007845.81	0.00	150160103.77	404963230.18	36509374.74
22 Assets under 5 Km Scheme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including speedboats / helicopter- Owned	513717.04	0.00	0.00	513717.04	210460.43	81875.70	0.00	292336.13	415351.71	487337.41
24 Vehicles including speedboats / helicopter- Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	73735532.23	14136857.97	(55769.95)	87822733.24	27031919.53	8388895.43	148494.45	38972351.54	50851371.69	40107612.59
26 EDP, WP machines and latoom equipment	45989990.73	8620095.00	(7700192.03)	47269093.70	37430900.55	8071267.92	(7700192.03)	3801875.56	11575029.14	3995199.07
27 Construction equipments	173543054.95	3246810.00	0.00	177159864.95	74933125.47	16215073.40	0.00	91153201.87	6603663.11	6890485.51
28 Electrical installations	1678893732.72	3688302.00	5392455.42	1685982400.14	440325504.43	114388235.52	0.00	554713741.05	1331268740.09	1438568228.29
29 Communication equipments	30932790.85	6949091.55	715869.25	38077711.65	12840245.21	2383824.84	0.00	15024069.65	22573701.81	18292545.65
30 Hospital equipments	7479667.10	55216.00	0.00	7534883.10	1730849.81	365494.48	0.00	2126144.29	5408738.81	5749017.29
31 Laboratory and workshop equipments	208477990.54	17923145.87	(24293.00)	226396658.41	26131155.54	11560053.04	0.00	37731658.63	162655795.78	182346533.65
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area : 1043

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
34 Less: Grants from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35 Less: Recoverable from GOI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36 Assets for ash utilization	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37 (Less)-Adjusted from fly ash utilization reserve fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Tangible)	142594238771.92	1297126524.93	403992140.97	144235059427.88	29100733115.95	6006080185.36	(98148331.31)	37078672949.91	107159365487.51	113457505668.06
Grand Total Prev Year (Tangible)	127299158944.73	1245814690.65	3919417148.48	142594238771.92	21520342877.51	7721744367.32	(135354148.27)	29100733115.95	112467505668.06	115579244067.27

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2021	Tangible As At: 31.03.2020	Tangible As At: 31.03.2021	Tangible As At: 31.03.2020
Disposal of assets	(6527296.36)	(1060988.86)	(6527296.36)	(1060988.86)
Retirement of assets	(128233924.35)	(260092471.69)	(92572423.10)	(133823737.35)
Cost adjustments	538499973.23	4181297991.28	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	(46611.85)	(727384.25)	(46611.85)	(469422.76)
Others	0.00	0.00	0.00	0.00
TOTAL	403692140.67	3919417146.48	(99146331.31)	(135354148.97)

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

Note forming part of Balance Sheet

Note 3: Capital-Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
1		2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land:					
3	Roads, bridges, culverts & heliops	13349758.65	82101171.94	(806798.61)		74897141.10
4	Piling and foundation					
5	Buildings					
6	Main plant	72745332.38	165422487.58	(14975067.57)		223192712.39
7	Others	148409985.72	179587486.12	(26486287.27)	93900870.38	205600345.10
8	Temporary erection					
9	Water supply, drainage and sewerage system	444898.00	8909267.48	(5892680.60)	2099804.97	2270398.91
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MOF track and signalling system					
12	Railway siding	48068740.00	246172703.88	(298362443.88)		
13	Earth dam rehabilt					
14	Plant and equipment	2141739489.78	3032171545.14	(491722382.47)	866819433.25	4066388029.20
15	Furniture and fixtures	2612773.00	8016293.00	(2191911.00)	1329705.00	5106440.00
16	Vehicles					
17	Office equipment	310830.00	308802.00		310830.00	306602.00
18	EDFIWP machines & astroom equipment					
19	Construction equipments:					
20	Electrical installations	100724493.41	9739909.09	(80297317.73)	3696302.00	28487461.74
21	Communication equipment		747105.26	(747105.26)		
22	Health equipments					
23	Laboratory and workshop equipments	8841477.00	1587237.00		8841477.00	1587237.00
24	Assets under Don Scheme of the GOI					
25	Capital expenditure on assets not owned by the company					
26	Expenditure towards development of coal mines					
27	Survey, Investigation, Consultancy & Supervision Cha					
28	Difference in exchange on foreign currency items					

Note forming part of Balance Sheet

Note 3: Capital-Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 01.04.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	Expenditure/Income-oth as attribut Project					
32	Expenditure During Construction Period (net)*		122941778.00	(109082.83)		122832695.16
33	LESS - Allocated to related works		122832695.16			122832695.16
34	LESS - Provision for Unserviceable works		101754871.00			101754871.00
35	Construction stores (At Cost)					
36	Steel	277104324.34	71268175.00	(144029577.04)		203942922.30
37	Cement	32219084.05	44125000.00	(21593675.84)		54731208.21
38	Others	225105332.16	27315382.08	48888100.82		761277993.56
39	Sub-total	834485720.55	152708537.08	31532845.14		1003521102.70
40	LESS - Provision for shortages	1012544.92		27056435.31		26933990.39
41	Sub-total	833473175.63	152708537.08	26826412.83		975451127.38
42	Total CWIP	3008220651.72	1780552406.25	(549727602.25)	697049912.50	5508555847.00
43						
44						
45	PREVIOUS YEAR TOTAL	3008106086.31	2475266206.34	(2164389508.45)	735328301.30	306820661.72

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Asset Class	Opening Gross Block As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2021	Opening Depreciation As At 01.04.2020	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2021	Net Block As At 31.03.2021	Net Block As At 31.03.2020
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Right to Use- Land	62631549.86	0.00	0.00	62631549.86	14330675.62	2895082.75	0.00	17026538.37	45605011.59	48300974.34
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	3744584.75	1093200.00	0.00	4837784.75	3282219.51	46355.25	0.00	3728975.26	1111188.44	451945.19
Grand Total (Intangible)	66376134.72	1093200.00	0.00	67469334.72	17612895.14	3159038.00	0.00	20772114.14	46716200.53	48752419.53
Grand Total Prev Year (Intangible)	66868798.72	509408.00	0.00	67378206.72	14901645.70	3212049.41	0.00	17509995.10	48782219.63	51465082.94

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2021	InTangible As At: 31.03.2020	InTangible As At: 31.03.2021	InTangible As At: 31.03.2020
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in /out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

Note forming part of Balance Sheet

Note 5: Intangible Assets under Development

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2020	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT:					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expenditure - Coal Mine					
5	Exploratory wells-in-progress					
6	Less: Provision for exploratory wells-in-progress					
7	Total					
8	PREVIOUS YEAR TOTAL-I					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	NON CURRENT INVESTMENTS- Investments in subsidiaries and joint ventures			0.00	0.00
012	Equity Instruments - Unquoted-(fully paid up unless otherwise stated, at cost)			0.00	0.00
013	Subsidiary Companies			0.00	0.00
014	Patrala Vidyut Utpadan Nigam Ltd			0.00	0.00
015	NTPC Electric Supply Company Ltd.			0.00	0.00
016	NTPC Vidyut Vyapar Nigam Ltd.			0.00	0.00
017	Nabinagar Power Generating Company Ltd.			0.00	0.00
018	Kanti Bijlee Utpadan Nigam Ltd.			0.00	0.00
019	Bhartiya Raf-Bijlee Company Ltd.			0.00	0.00
020	NTPC Mining Ltd (NML)			0.00	0.00
021	TRDC India Ltd.			0.00	0.00
022	KEEPCO LTD.			0.00	0.00
023	NTPC EDMC Waste Solutions Pvt. Ltd.			0.00	0.00
024	NTPC Renewables Energy Ltd.			0.00	0.00
025	Ratnagiri Gas & Power Pvt. Limited (RGPPPL)			0.00	0.00
026				0.00	0.00
027				0.00	0.00
028				0.00	0.00
029				0.00	0.00
030	Sub Total			0.00	0.00
055	Joint Venture Companies			0.00	0.00
056	Utility Powertech Ltd.			0.00	0.00
057	NTPC GE Power Services Pvt.Ltd.			0.00	0.00
058	NTPC-SAIL Power Company Ltd.			0.00	0.00
059	NTPC-Tamil Nadu Energy Company Ltd.			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

As at	No. of shares	Face value	31.03.2021	31.03.2020
060	Rainagin Gas & Power Pvt. Limited (RGPPPL)		0.00	0.00
061	Aravali Power Company Private Ltd.		0.00	0.00
062			0.00	0.00
063	NTPC BHEL Power Projects Private Ltd.		0.00	0.00
064	Maja Urja Nigam Private Limited		0.00	0.00
065	BF-NTPC Energy Systems Ltd.		0.00	0.00
066			0.00	0.00
067	Nabinagar Power Generating Company Ltd.		0.00	0.00
068	Transformer and Electrical Kerala Ltd.		0.00	0.00
069	National High Power Test Laboratory Private Ltd.		0.00	0.00
070			0.00	0.00
071	OIL NTPC Urja Private Ltd.		0.00	0.00
072	Atushakti Vidyut Nigam Ltd.		0.00	0.00
073	Energy Efficiency Services Ltd.		0.00	0.00
074			0.00	0.00
075	Trincomalee Power Company Ltd.		0.00	0.00
076	Bangladesh-India Friendship Power Company (Pvt.) Ltd.		0.00	0.00
077	Hindustan Uranium & Refractories Limited		0.00	0.00
078	Konkan LNG Ltd.		0.00	0.00
079			0.00	0.00
081	Sub Total		0.00	0.00
109	Aggregate amount of impairment in the value of investments		0.00	0.00
110	Total (net of impairment) of JV		0.00	0.00
111	Gross Total of Investments		0.00	0.00
134	Total		0.00	0.00
135	Details of Investments		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
136	Aggregate amount of Unquoted Investments			0.00	0.00
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of Investments as per Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA INVESTMENTS

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	Non-current financial assets (Investments)			0.00	0.00
006	Long Term - Trade			0.00	0.00
007	Equity Instruments (fully paid up-unless otherwise stated)			0.00	0.00
008	Quoted			0.00	0.00
009	Joint Venture Companies			0.00	0.00
010	PTC India Ltd.			0.00	0.00
070	International Coal Ventures Private Ltd.			0.00	0.00
075	BF-NTPC Energy Systems Ltd.			0.00	0.00
090				0.00	0.00
110	Cooperative Societies			0.00	0.00
111	Sub Total			0.00	0.00
112	Aggregate amount of impairment in the value of investments			0.00	0.00
115	Total			0.00	0.00
120				0.00	0.00
146	NTPC Employees Consumers and Thrift Co-operative Society Ltd. Korba			0.00	0.00
147	NTPC Employees Consumers and Thrift Cooperative Society Ltd. RSTPP			0.00	0.00
148	NTPC Employees Consumers Cooperative Society Ltd. Farakka			0.00	0.00
149	NTPC Employees Consumers Cooperative Society Ltd. Vinhyachal			0.00	0.00
150	NTPC Employees Consumers Cooperative Society Ltd. Arda			0.00	0.00
151	NTPC Employees Consumers Cooperative Society Ltd. Kavas			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 8 TO THE FS-NCA: TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Non-current financial assets - Trade receivables	0.00	0.00
002 Unsecured, considered good	0.00	0.00
003 Credit impaired	0.00	0.00
004	0.00	0.00
005	0.00	0.00
006 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Loans (Non Current)	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees(including accrued interest)	0.00	0.00
011 Secured	95,730,973.69	90,489,990.52
012 Unsecured	54,846,204.14	54,202,969.89
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less: Employee Loans Discounting	0.00	0.00
016 Secured	20,436,411.95	32,241,099.63
017 Unsecured	11,628,404.16	10,237,990.44
018 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
019 Others	0.00	0.00
020 Secured	0.00	0.00
021 Unsecured	0.00	0.00
022 With significant increase in Credit Risk	0.00	0.00
023 Credit impaired	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Sub Total	120,512,441.72	110,212,878.04
026	0.00	0.00
027 Total	120,512,441.72	110,212,878.04
028	0.00	0.00
029	0.00	0.00
030 Due from Directors and Officers of the Company	0.00	0.00
031 Directors	0.00	0.00
032 Officers	0.00	0.00
033	0.00	0.00
034 Loans to related parties include:	0.00	0.00
035 i)Key management personnel	0.00	0.00
036 ii)Subsidiary companies	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)Others	0.00	0.00
039	0.00	0.00
054 Other loans represent loans given to	0.00	0.00
055 a) APIC	0.00	0.00
060	0.00	0.00
061 RPD	0.00	0.00
062 i)Key management personnel	0.00	0.00
063 ii)Subsidiary companies	0.00	0.00
064 iii)Joint Venture companies	0.00	0.00
065 iv)Others	0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

	As at	31.03.2021	31.03.2020
066	Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bhartiya Rail Bijlee Company Ltd.	0.00	0.00
009 Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010 NTPC Mining Limited	0.00	0.00
011 THDC Ltd.	0.00	0.00
012 NEEPCO Ltd.	0.00	0.00
013	0.00	0.00
014 Total	0.00	0.00
015 Share application money pending allotment (Joint Venture)	0.00	0.00
016 Utility Powertech Ltd.	0.00	0.00
017 NTPC GE Power Services Pvt Ltd.	0.00	0.00
018 NTPC-SAIL Power Company Ltd.	0.00	0.00
019 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021 Aravali Power Company Private Ltd.	0.00	0.00
022	0.00	0.00
023 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024 Meja Urja Nigam Private Limited	0.00	0.00
025 BF-NTPC Energy Systems Ltd.	0.00	0.00
026 Anushakti Vidhyut Nigam Ltd.	0.00	0.00
027 Nabinagar Power Generating Company Ltd.	0.00	0.00
028 Energy Efficiency Services Ltd.	0.00	0.00
029 National High Power Test Laboratory Private Ltd.	0.00	0.00
030	0.00	0.00
031 CIL NTPC Urja Private Ltd.	0.00	0.00
032 Trincomalee Power Company Ltd.	0.00	0.00
033 Hindustan Urvarak & Rasayan Limited	0.00	0.00
034 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035 Sub Total	0.00	0.00
036	0.00	0.00
037 Claims Recoverable	13,759,032.00	131,675,010.00
038 Finance Lease Recoverable	0.00	0.00
039 Mine Closure Deposit	0.00	0.00
041 Total	13,759,032.00	131,675,010.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 Secured	0.00	0.00
005 Unsecured	0.00	0.00
006 Covered by Bank Guarantee	171,347,160.97	277,765,839.07
007 Others	305,400,829.63	319,580,750.70
008 Considered doubtful	0.00	0.00
009 Less: Allowance for bad & doubtful advances	0.00	0.00
010 Sub-Total	476,747,990.60	597,346,589.77
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 Security deposits	71,069,600.00	71,064,200.00
019 Advances to Related parties	0.00	0.00
022 Advances to Contractors & Suppliers	0.00	0.00
023 Secured	0.00	0.00
024 Unsecured	0.00	0.00
025 Considered Doubtful	0.00	0.00
026 Less: Allowance for bad & doubtful advances	0.00	0.00
027 Sub Total	71,069,600.00	71,064,200.00
028 Receivable from MCP Escrow A/c	0.00	0.00
039 Advance tax & tax deducted at source	1,269,477.63	206,733.00
040 Less - Provision for current tax	0.00	0.00
041	0.00	0.00
042 Sub Total	1,269,477.63	206,733.00
043 Deferred Payroll Expenses (Secured)	23,156,162.62	26,524,728.57
044 Deferred Payroll Expenses (Unsecured)	8,846,692.62	7,842,125.07
045 Sub Total	32,002,855.24	34,366,853.64
046 Deferred Foreign Currency Fluctuation Asset	5,727,716,900.00	4,182,796,000.00
048 Total	4,308,825,931.47	4,895,800,376.41
049	0.00	0.00
050	0.00	0.00
051 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
053	0.00	0.00
054 NTPC GE Power Services Pvt Ltd.	0.00	0.00
055	0.00	0.00
056 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
057 Aravali Power Company Private Ltd.	0.00	0.00
058 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
059 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070 Meja Urja Nigam Private Limited	0.00	0.00
071 Nabinagar Power Generating Company Ltd.	0.00	0.00
072 National High Power Test Laboratory Private Ltd.	0.00	0.00
074 CIL NTPC Urja Private Ltd.	0.00	0.00
076	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
077 Related Party (Adv)	0.00	0.00
078 Key Management personnel	0.00	0.00
079 Subsidiary companies	0.00	0.00
080 Joint Venture companies	0.00	0.00
081 Contractors	0.00	0.00
082 Others	0.00	0.00
084	0.00	0.00
085 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 12 TO THE FS-CA-INVENTORIES

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	3,016,341,836.47	4,868,973,537.70
004 Fuel oil	182,257,119.37	303,617,534.24
005 Naphtha	0.00	0.00
006 Stores and spares	2,063,670,491.13	1,724,060,949.24
007 Chemicals & consumables	78,132,972.28	89,222,853.77
008 Loose tools	3,679,902.40	1,347,111.50
009 Steel Scrap	15,307,547.82	23,396,892.41
010 Others*	270,839,355.33	177,213,552.68
011 Sub Total	5,612,408,324.80	7,186,932,231.63
012 Less: Provision for shortages	3,120,576.00	491,161.00
013 Less: Provision for obsolete/ unservicable/dmuniton in value of surplus Inventory	534,847.45	474,595.74
014	0.00	0.00
015 Total	5,608,752,901.35	7,185,966,474.89
016 Inventories include material in transit	0.00	0.00
017 Coal	153,828,335.00	251,281,505.00
018 Fuel oil	0.00	0.00
019 Naphtha	0.00	0.00
020 Stores and spares	16,032,794.00	25,432,629.00
021 Chemicals & consumables	4,511,375.00	0.00
022 Loose tools	0.00	0.00
023 Others	0.00	0.00
024	0.00	0.00
025 Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹.)

	As at	No. of shares	Face value	31.03.2021	31.03.2020
001	CURRENT INVESTMENTS			0.00	0.00
002	(Valuation as per Note 1)			0.00	0.00
003				0.00	0.00
003	Investment in Mutual Funds (Details as under)			0.00	0.00
004	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
005	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
006	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
007	UTI Money Market- IP-Direct-Growth			0.00	0.00
008	IDBI Liquid plan- Direct-Growth			0.00	0.00
009	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
010	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
011	IDBI Liquid Fund-DDR			0.00	0.00
012	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
013	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
014	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
015	Baroda Liquid Fund - Direct - Growth			0.00	0.00
016	Sub Total			0.00	0.00
017				0.00	0.00
018	Unquoted Investments			0.00	0.00
019				0.00	0.00
020	TOTAL			0.00	0.00
021				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured Considered Good	0.00	0.00
004 Unsecured, considered good	277,873.56	747,737.12
005 Credit impaired	0.00	0.00
006 Sub-Total	277,873.56	747,737.12
007 Total	277,873.56	747,737.12
008 Less: Allowance for credit impaired receivables	0.00	0.00
009 Total	277,873.56	747,737.12
010 Less: Discom Clearing	0.00	0.00
012 Grand Total	277,873.56	747,737.12
013 * After adjustment for Unbilled Revenue	0.00	0.00
014 Long-term trade receivables	0.00	0.00
015 TCS Clearing	0.00	0.00
016 Discom Clearing	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	619,626.71	456,554.68
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
010 Total	619,626.71	456,554.68

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006	0.00	0.00
007 Total	0.00	0.00
008	0.00	0.00
009 Earmarked balances with banks consist of :	0.00	0.00
010 Unpaid dividend account balance	0.00	0.00
011 Towards public deposit repayment reserve	0.00	0.00
012 Towards redemption of bonds due for repayment within one year	0.00	0.00
013 Security with Government/other authorities	0.00	0.00
014 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017 Deposits with original maturity upto three months as per court orders	0.00	0.00
018 Payment Security Scheme of MNRE- NSM (NTPC)	0.00	0.00
019 Payment Security Scheme of MNRE- NSM (NVVN)	0.00	0.00
020 Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
021 Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
022 Others	0.00	0.00
023	0.00	0.00
024	0.00	0.00
025	0.00	0.00
026 Sub-total	0.00	0.00
030 Total	0.00	0.00
031	0.00	0.00
032 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
033 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
034 Earmarked bank balances (current account)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Current financial assets - Loans	0.00	0.00
002 Loans (current) including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
011 Secured	14,856,148.23	14,735,132.81
012 Unsecured	35,170,047.16	33,516,240.05
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less - Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less- Allowance for credit impaired loans	0.00	0.00
025 Total (Loans)	50,126,195.39	48,251,380.86
026	0.00	0.00
027 Due from Directors and Officers of the Company	0.00	0.00
028 Directors	0.00	0.00
029 Officers	0.00	0.00
030	0.00	0.00
031 Loans to related parties include:	0.00	0.00
032 i)Key management personnel	0.00	0.00
033 ii)Subsidiary companies:	0.00	0.00
034 KBUNL	0.00	0.00
035 RGPPL	0.00	0.00
036 NVVN	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)others	0.00	0.00
039	0.00	0.00
059 RPD	0.00	0.00
060 i)Key management personnel	0.00	0.00
061 ii)Subsidiary companies	0.00	0.00
062 iii)Joint Venture companies	0.00	0.00
063 iv)Others	0.00	0.00
064	0.00	0.00
065 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	6,201.36	57,534,791.00
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	2,465,206.50	2,747,630.00
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	2,471,407.86	60,282,627.00
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	54,090,027.00	0.00
048 Considered Doubtful	0.00	0.00
049 Less:- Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Unbilled Revenue	0.00	0.00
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
056 Mine Closure Deposit	0.00	0.00
057 Other Accrued Income	0.00	0.00
058 Secured, Considered Good	0.00	0.00
059 Unsecured, considered good	3,258,901.09	4,212,158.60
060 Credit impaired	0.00	0.00
061 Sub-Total	3,258,901.09	4,212,158.60
062 Less: Allowance for credit impaired receivables	0.00	0.00
063 Total	0.00	0.00
064	0.00	0.00
065 Others*	0.00	0.00
066 Total	68,821,335.85	64,494,785.60
067 * Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2021	31.03.2020
068 Advances to related parties include:	0.00	0.00
069 i)Key management personal	0.00	0.00
070 ii)Subsidiary companies	0.00	0.00
071 iii)Joint Venture companies	0.00	0.00
072 iv)Contractors	0.00	0.00
073 v)Others	0.00	0.00
074	0.00	0.00
075 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies:	0.00	0.00
076	0.00	0.00
077	0.00	0.00
078 NTPC GE Power Services Pvt Ltd	0.00	0.00
079 Ratnagiri Gas & Power Private Ltd	0.00	0.00
080 Aravali Power Company Private Ltd	0.00	0.00
081 NTPC-SCCL Global Ventures Private Ltd	0.00	0.00
082 NTPC BHEL Power Projects Private Ltd	0.00	0.00
083 Meja Urja Nigam Private Limited	0.00	0.00
084 Nabinagar Power Generating Company Ltd	0.00	0.00
085 National High Power Test Laboratory Private Ltd	0.00	0.00
086 International Coal Ventures Private Ltd	0.00	0.00
087 CIL NTPC Urja Private Ltd	0.00	0.00
089 Bangladesh-India Friendship Power Co. Pvt.Ltd	0.00	0.00
090 TCS Clearing	0.00	0.00
091 Related Party (Adv)- Employee	0.00	0.00
092 Related Party (Adv)- Subsidiaries	0.00	0.00
093 Related Party (Adv)- Joint Ventures	0.00	0.00
094 Related Party (Adv)- Contractors	0.00	0.00
095 Related Party (Adv)- Others	6,201.36	57,534,791.00
096	0.00	0.00
097	0.00	0.00
098	0.00	0.00
099	0.00	0.00
100 Total	6,201.36	57,534,791.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS
(Amount in ₹)

As at	31.03.2021	31.03.2020
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	165,042,697.00	165,760,397.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	783,294,474.60	602,633,070.44
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	200,000.00	78,298.00
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	181,278,991.17	186,921,694.58
019 Considered Doubtful	1,700,000.00	0.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	37,524,355.00	16,434,810.00
024 Considered Doubtful	0.00	0.00
025 Less: Allowance for bad & doubtful advances	1,700,000.00	0.00
026 Receivable from MCP Escrow A/c	0.00	0.00
027 Deferred Payroll Expenses (Secured)	2,283,277.29	2,572,333.60
028 Deferred Payroll Expenses (Unsecured)	2,743,368.83	2,571,663.96
029 Sub-total	5,027,246.12	5,143,997.76
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	558,848.00	56,549.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	2,274,682,979.30	2,652,492,969.74
036 Considered Doubtful	0.00	0.00
037 Less- Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041 Assets Held for Disposal	0.00	0.00
042 Others	649,384.97	1,240,759.93
043	0.00	0.00
044 Total (Other Current Assets)	3,459,268,156.16	3,840,972,548.46
045 **Include Prepaid Expenses	37,524,355.00	16,434,810.00
046 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
047 *Includes deposited with courts	0.00	0.00
048 *Includes deposited with LIC for annuity payments	0.00	0.00
049 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050 Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
052 Advances to related parties include:	0.00	0.00
053 i)Key management personnel	0.00	0.00
054 ii)Subsidiary companies	0.00	0.00
055 iii)Joint Venture companies	0.00	0.00
056 Contractors	0.00	0.00
057 Others	0.00	0.00
058	0.00	0.00
059 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060	0.00	0.00
061	0.00	0.00
062 Related Party (Adv)- Employee	0.00	0.00
063 Related Party (Adv)- Subsidiaries	0.00	0.00
064 Related Party (Adv)- Joint Venture	0.00	0.00
065 Related Party (Adv)- Contractors	783,196,472.60	602,825,068.44
066 Related Party (Adv)- Others	8,002.80	8,002.80
067 Total	783,204,474.60	602,833,070.44
068	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 20 TO THE FS-REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 On account of Exchange Differences	286,961,969.49	228,907,388.12
002 On account of employee benefit exp	129,457,101.00	129,457,101.00
003 Regulatory deferred account - deferred	0.00	0.00
004 Deferred asset for ash transportation	1,238,706,167.50	856,872,227.89
005 Deferred asset for Arbitration Award	0.00	0.00
006 Total	1,653,205,237.99	1,215,236,717.01

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 10,000,000,000 equity shares of Rs 10/- each (Previous year 10,000,000,000 eq shares of Rs.10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,69,66,86,134 equity shares of Rs.10/- (Pv. Year 9,694,557,260 equity shares of Rs.10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India(LIC) Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add: Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 Sub-Total	0.00	0.00
011 Securities Premium Account	0.00	0.00
012 As per last financial statements	0.00	0.00
013 Add: Additions during the year/period	0.00	0.00
014 Less: Adjustments during the year/period	0.00	0.00
015 Sub-Total	0.00	0.00
016 Bonds Redemption Reserve	0.00	0.00
017 As per last financial statements	0.00	0.00
018 Add: Transfer from Surplus	0.00	0.00
019 Less: Transfer to surplus on redemption	0.00	0.00
020 Less: Adjustments during the year/ period	0.00	0.00
021 Sub-Total	0.00	0.00
022 Capital Redemption Reserve	0.00	0.00
023 As per last financial statements	0.00	0.00
024 Add: Transfer from Surplus	0.00	0.00
025 Less: Transfer to surplus on redemption	0.00	0.00
026 Less: Adjustments during the year/ period	0.00	0.00
027 Sub-Total	0.00	0.00
028 Share Application money Allotment	0.00	0.00
029 As per last financial statements	0.00	0.00
030 Add: Addition during the year	0.00	0.00
031 Less: Utilised for allotment during the year	0.00	0.00
032 Less: Adjustments during the year/ period	0.00	0.00
033 Sub-Total	0.00	0.00
034 Fly-ash utilisation reserve Fund	0.00	0.00
035 As per last financial statements	0.00	0.00
036 Transferred to CC	0.00	0.00
037 Add: Transfer from revenue from operations	0.00	3,621,465.00
038 Add: Transfer from other income	0.00	0.00
039 Less: Utilised during the year	0.00	0.00
040 Tangible assets	0.00	0.00
041 Employee benefit expenses	0.00	0.00
042 Generation, admn. and other expenses	0.00	-3,621,465.00
043 Tax Expenses	0.00	0.00
044 Sub-Total	0.00	0.00
045 Special allowance Reserve Fund	0.00	0.00
046 As per last financial statements	0.00	0.00
047 Add: Addition during the year	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2021	31.03.2020
048 Less: Utilised for allotment during the year	0.00	0.00
049 Less: Adjustments during the year/ period	0.00	0.00
050 SUB-TOTAL	0.00	0.00
053 Corporate social responsibility (CSR) reserve	0.00	0.00
054 As per last financial statements	0.00	0.00
055 Add: Transfer from surplus	0.00	0.00
056 Less: Write back during the year	0.00	0.00
057 Sub-Total	0.00	0.00
058 General Reserve	0.00	0.00
059 As per last financial statements	0.00	0.00
060 Add: Transfer from Surplus	0.00	0.00
061 Less: Transfer to Surplus	0.00	0.00
062 Less: Write back during the year /period	0.00	0.00
063 Less: Adjustments during the year /period	0.00	0.00
064 Sub-Total	0.00	0.00
065	0.00	0.00
066 Retained earnings	0.00	0.00
067 As per last financial statements	29,753,187,942.23	20,904,634,074.45
068 Add/(Less) -Changes in accounting policy / prior period errors	0.00	0.00
069 Add/(Less) -Profit (Loss) after tax for the year from Statement of Profit & Loss	7,553,990,222.41	9,849,553,667.74
070	0.00	0.00
071 Add: Write back from Bond Redemption Reserve	0.00	0.00
072 Add: Write back from Capital Reserve	0.00	0.00
073 Add: Write back from Foreign Project Reserve	0.00	0.00
074 Add: Write back from CSR Reserve	0.00	0.00
075 Add: Write back from General Reserve	0.00	0.00
076 Less: Transfer to Bonds Redemption Reserve	0.00	0.00
077 Less: Transfer to Special Allowance Reserve Fund	0.00	0.00
078 Less: Transfer to Foreign Project Reserve	0.00	0.00
080 Less: Transfer to Capital Reserve	0.00	0.00
081 Less: Transfer to CSR Reserve	0.00	0.00
082 Less: Transfer to General Reserve	0.00	0.00
083 Less: Interim Dividend Paid	0.00	0.00
084 Less: Tax on Interim Dividend Paid	0.00	0.00
085 Less: Final Dividend Paid	0.00	0.00
086 Less: Tax on Final Dividend Paid	0.00	0.00
087 Less: Issue of bonus debenture	0.00	0.00
088 Less: Tax on issue of bonus debenture	0.00	0.00
089 Sub-Total	37,307,178,164.64	29,753,187,942.23
090	0.00	0.00
091 Remeasurement of defined benefit plans	0.00	0.00
092 As per last financial statements	-77,067,759.15	-54,342,832.44
093 Add/(Less) - Actuarial Gains/loss through OCI	-11,316,620.45	-22,725,126.71
094 Sub-Total	-88,384,379.60	-77,067,759.15
095	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

	31.03.2021	31.03.2020
As at		
096 FVTOCI Reserve	0.00	0.00
097 As per last financial statements	0.00	0.00
098 Add/Less) - Net gain/loss of equity instruments through OCI	0.00	0.00
099 Sub-Total	0.00	0.00
100	0.00	0.00
101 Total Other equity	37,218,793,785.01	29,676,120,183.09
102	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.68% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth issue - Public issue - Series	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
2A)		
012: 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2B).	0.00	0.00
013: 7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014: 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015: 8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016: 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017: 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2028 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018: 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019: 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at		31.03.2021	31.03.2020
full on 23rd August 2026 (Sixty Second Issue - Private Placement)			
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020
par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030 9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031 8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)	0.00	0.00
032 8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033 8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth Issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034 8.73% Secured non-cumulative	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035 9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue - private placement)III	0.00	0.00
036 8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037 7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 03 May 2022 (68th Issue - Private Placement)	0.00	0.00
038 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020	
(Fifty Ninth Issue - Private Placement).			
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)iii	0.00	0.00
043	8.18% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)iii	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)iii	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual installments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)iii	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)iii	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)iii	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at			31.03.2021	31.03.2020
on 12th January 2019 (Nineteenth issue - private placement)II				
050	11%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)III	0.00	0.00
051	9.3473%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)VI	0.00	0.00
052	9.4375%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)VI	0.00	0.00
053	8.00%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)I	0.00	0.00
054	9.2573%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)III	0.00	0.00
055	9.6713%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth issue - private placement)III		
050 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)III	0.00	0.00
051 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)III	0.00	0.00
062 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual installments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)III	0.00	0.00
063 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at			31.03.2021	31.03.2020
private placement)III/				
065	9.06%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066	8.6077%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067	8.3796%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068	8.1771%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069	7.7125%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)IV	0.00	0.00
070	7.552%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)/VI		
071 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)/VIII	0.00	0.00
072 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue - Part A - private placement)/VII	0.00	0.00
073	0.00	0.00
074	0.00	0.00
075	0.00	0.00
076	0.00	0.00
077 Sub Total	0.00	0.00
078 Unsecured	0.00	0.00
079 6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080 6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
081 5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020
082 6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 27 January 2031 (Seventy Third Issue - Private Placement)	0.00	0.00
083	0.00	0.00
084	0.00	0.00
085	0.00	0.00
086 Sub-total	0.00	0.00
087 Total	0.00	0.00
088 Foreign Currency Notes-Unsecured	0.00	0.00
089 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
090 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
091 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
092 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
093 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
094 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
095 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
096 5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
097 3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
098	0.00	0.00
099	0.00	0.00
100	0.00	0.00
101	0.00	0.00
102 Sub Total	0.00	0.00
103 Long term maturities of Finance Lease Obligations (Secured) IX	0.00	0.00
104 Long term maturities of Finance Lease Obligations (Unsecured) X	0.00	0.00
105 Term Loans	0.00	0.00
106 From Banks	0.00	0.00
107 Secured	0.00	0.00
108 Rupee Loans	0.00	0.00
109 Unsecured	0.00	0.00
110 Foreign Currency Loans	0.00	0.00
111 Rupee Loans	0.00	0.00
112 From Others	0.00	0.00
113 Secured	0.00	0.00
114 Rupee Loans	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020
115 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
116 Unsecured	0.00	0.00
117 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
118 Other Foreign currency loans	0.00	0.00
119 Rupee Loans	0.00	0.00
120 Deposits	0.00	0.00
121 Unsecured	0.00	0.00
122 Fixed Deposits	0.00	0.00
123 Others	0.00	0.00
124 Unsecured	0.00	0.00
125 Bonds Application Money Pending Allotment	0.00	0.00
126 Sub-total	0.00	0.00
127 Total	0.00	0.00
128	0.00	0.00
129 Less - Interest accrued but not due on borrowings	0.00	0.00
130 Less - Current maturities of long-term borrowings	0.00	0.00
131 Bonds-Secured	0.00	0.00
132 Fixed Rate Notes	0.00	0.00
133 Foreign currency loans from Banks- unsecured	0.00	0.00
134 Rupee loans from banks- Secured	0.00	0.00
135 Rupee loans from banks- unsecured	0.00	0.00
136 Rupee Term loan from Others - Secured	0.00	0.00
137 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
138 Other foreign currency loans from others- unsecured	0.00	0.00
139 Rupee loans from others- unsecured	0.00	0.00
140 Finance Lease obligations - secured	0.00	0.00
141 Finance Lease obligations - unsecured	0.00	0.00
200 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 TRADE PAYABLES(NON CURRENT)	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	1,017,905.00	1,935,349.00
004 - Others	3,215,424.09	3,907,745.62
005	0.00	0.00
006 Total	4,233,410.49	5,842,095.44

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002 Payable for Capital Expenditure	0.00	0.00
003 - Micro & Small Enterprises	270,357.86	759,622.55
004 - Others	18,194,021.26	123,832,123.65
005 Others	0.00	0.00
006 Deposits from contractors and others	0.00	0.00
007	0.00	0.00
008	0.00	0.00
009 Total	18,464,378.84	124,641,746.20

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 26 TO THE FS-NCL-PROVISIONS

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
013	0.00	0.00
014 TOTAL	0.00	0.00

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

As at	Open Balance on 01.04.2020	Addition	Closing Balance on 31.03.2021
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Unabsorbed Depreciation	0.00	0.00	0.00
006 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007	0.00	0.00	0.00
008	0.00	0.00	0.00
009	0.00	0.00	0.00
010	0.00	0.00	0.00
011 MAT credit entitlement	0.00	0.00	0.00
012	0.00	0.00	0.00
013 Total	0.00	0.00	0.00
014	0.00	0.00	0.00
015 Total	0.00	0.00	0.00
016 Breakup of deferred tax assets	0.00	0.00	0.00
017 Provision	0.00	0.00	0.00
018 Statutory dues	0.00	0.00	0.00
019 Leave encashment	0.00	0.00	0.00
020 Others	0.00	0.00	0.00
021	0.00	0.00	0.00
022	0.00	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004	0.00	0.00
005 TOTAL	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-CL-BORROWINGS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Less: Unamortised discount on Commercial Papers	0.00	0.00
011 Sub-Total	0.00	0.00
012 TOTAL	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 30 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	191,935,003.14	193,650,005.00
004 - Others	2,433,835,633.50	2,130,800,382.95
005	0.00	0.00
006 Total	<u>2,625,770,636.64</u>	<u>2,324,450,387.95</u>
007	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
002 Current maturity of long term borrowings	0.00	0.00
003 Bonds-Secured	0.00	0.00
004 Foreign Currency Fixed Rate Notes	0.00	0.00
005 From Banks	0.00	0.00
006 Secured	0.00	0.00
007 Rupee Term Loan	0.00	0.00
008 Unsecured	0.00	0.00
009 Foreign currency loans	0.00	0.00
010 Rupee term loans	0.00	0.00
011 From Others	0.00	0.00
012 Secured	0.00	0.00
013 Rupee Term Loan	0.00	0.00
014 Unsecured	0.00	0.00
015 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
016 Other foreign currency loans	0.00	0.00
017 Rupee term loans	0.00	0.00
018 Fixed deposits	0.00	0.00
019 Sub Total	0.00	0.00
020 Current maturity of finance lease obligations (secured)	0.00	0.00
021 Current maturity of finance lease obligations (unsecured)	0.00	0.00
022 Interest accrued but not due on borrowings	0.00	0.00
023 Unpaid Dividends*	0.00	0.00
024 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026 Unpaid bond refund money-Tax free bonds *	0.00	0.00
027 Book Overdraft	0.00	0.00
028 Payable to Customers	0.00	0.00
029 Liability under forward exchange contract	0.00	0.00
030 Hedging cost payable to beneficiaries	0.00	0.00
031 Derivative MTM Liability	0.00	0.00
032 Payable for Capital Expenditure	0.00	0.00
033 - Micro & Small Enterprises	139,350,604.48	92,536,228.45
034 - Others	5,929,909,873.74	5,414,880,460.03
035 Others Payables	0.00	0.00
036 Deposits from contractors and others	45,837,759.20	24,780,832.00
037 Gratuity Obligations	0.00	0.00
038 Payable to employees	4,568,907.86	5,479,519.17
039 Payable to holding company	0.00	0.00
040 Retention on A/c BG encashment (Solar)	0.00	0.00
041 Payable to Solar Payment Security Account	0.00	0.00
042 Others **	5,343,642.50	7,179,647.50

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

	31.03.2021	31.03.2020
As at		
043 Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
044 Total	5,124,811,787.90	5,544,854,487.15
045 * Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046 ** Include Payable to Hospital and other payable	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 OTHER CURRENT LIABILITIES	0.00	0.00
002 Advances from customers and others	1,358,789.23	24,493,082.45
003 Deferred discount on forward exchange contract	0.00	0.00
004 Tax deducted at source and other statutory dues	73,211,859.73	80,280,789.00
005 Others	0.00	0.00
006 Total	74,570,648.96	104,773,871.45

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 33 TO THE FS-CL-PROVISIONS

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations Incidental to Land Acquisition	0.00	0.00
029 Opening balance	534,245,304.57	552,695,814.73
030 Additions during the year	0.00	1,821,057.00
031 Amounts paid during the year	57,440,735.72	20,071,567.15
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	476,804,568.85	534,245,304.57
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	1,418,822.86	1,418,822.86
044 Additions during the year	2,237,282.47	0.00
045 Amounts adjusted during the year	0.00	0.00
046 Amounts reversed during the year	0.00	0.00
047 Closing Balance	3,656,105.33	1,418,822.86
048 Provision for Arbitration	0.00	0.00
049 Opening balance	69,101,767.00	45,981,865.00
050 Additions during the year	142,196,207.00	23,120,102.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	0.00	0.00
053 Closing Balance	211,297,974.00	69,101,767.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
103 Total	691,758,846.16	604,765,894.43

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
006 Closing Balance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 35 TO THE FS-DEFERRED REVENUE

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Deferred Revenue	0.00	0.00
002 On account of advance against depreciation	0.00	0.00
003 On account of income from foreign currency fluctuation	3,701,570,000.00	4,348,538,000.00
004 Government grants	54,495,725.00	85,686,090.00
005	0.00	0.00
006 TOTAL	3,756,074,725.00	4,434,224,090.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 36 TO THE FS-REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹.)

As at	31.03.2021	31.03.2020
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003	0.00	0.00
004 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 37 TO THE FS - REVENUE FROM OPERATIONS

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	REVENUE FROM OPERATIONS	0.00	0.00
002	Sales	0.00	0.00
003	Energy Sales (including Electricity Duty)	44,501,500,536.24	59,137,220,974.70
004	Less: Advance against depreciation deferred (net)	0.00	0.00
005	Add: Revenue recognized out of advance against depreciation	0.00	0.00
006	Add: Exchange fluctuation receivable from customers	-150,163,000.00	-318,577,000.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	Sub total	44,351,397,536.24	58,818,343,974.70
010	Less: Rebate to customers	882,695,361.47	351,663,777.87
011	Energy Sales (Total)	43,468,699,174.77	58,466,680,196.83
012	Consultancy, project management and supervision fees	0.00	0.00
013	Lease rentals on assets on Operating lease	0.00	0.00
014	Sale of Captive Coal	0.00	0.00
015	Intra-Company Elimination	0.00	0.00
017	Sub-total	0.00	0.00
018	Total - Sales	43,468,699,174.77	58,466,680,196.83
019	Sale of fly ash/ash products	2,558,285.00	3,621,465.80
020	Less: Transferred to fly ash utilisation reserve fund	-2,558,285.00	-3,621,465.80
021	Sub-total	0.00	0.00
022	Other Operating Income	0.00	0.00
023	Interest from customers	0.00	132,666,810.00
024	Energy Internally Consumed *	21,143,159.00	30,934,369.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	4,109,365.00	1,942,528.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income from Trading of ESCerts	0.00	0.00
029	Income from E-Mobility Business	0.00	0.00
030		0.00	0.00
031	Total	43,494,031,698.77	58,632,223,923.83
040	* Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041	Excise duty on sale of flyash cenosphere & ash products	0.00	0.00
042	Energy sales of principal nature (NVVN)	0.00	0.00
043	Energy sales of agency nature (NVVN)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	OTHER INCOME	0.00	0.00
002	Interest from	0.00	0.00
004	Financial assets at amortised cost	0.00	0.00
005	Government Securities (8.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securities-Non-Trade	0.00	0.00
009	Less: Amortisation of premium	0.00	0.00
010	Sub Total	0.00	0.00
011	Interest from others	0.00	0.00
012	Loan to State Government in settlement of dues from customers	0.00	0.00
013	Loan to Subsidiary Companies	0.00	0.00
014	Loan to Employees	16,657,912.95	16,410,061.84
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	1,354,893.06	1,581,572.00
018	Interest from Income Tax Refunds	0.00	0.00
019	Less: Refundable to Customers	0.00	0.00
020	Sub Total	0.00	0.00
021	Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022	Less: transferred to flyash utilisation reserve fund	0.00	0.00
023	Sub Total	0.00	0.00
024	Deposits with banks-DDUGJY funds	0.00	0.00
025	Interest from Contractors-DDUGJY funds	0.00	0.00
026	Transfer to DDUGJY-Advance from customers	0.00	0.00
027	Sub-total	0.00	0.00
030	Others	-3,309,833.00	0.00
031		0.00	0.00
032	Dividend from	0.00	0.00
033	Longterm investments in	0.00	0.00
034	Subsidiaries	0.00	0.00
035	Joint Ventures	0.00	0.00
036	Equity Instruments	0.00	0.00
037	Current Investments in	0.00	0.00
038	Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039	Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	Less: transferred to flyash utilisation reserve fund	0.00	0.00
041	Lease Rent @ Ash Brick Plant	0.00	0.00
042	Less: transferred to flyash utilisation reserve fund	0.00	0.00
043	Other non-operating income	624.00	70.00
044	Profit on disposal of PPE	65,276.90	95,963.90
045	Profit on redemption of GOI securities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
046	Net gain on sale of investments	0.00	0.00
047	Surcharge received from customers	412,596,406.00	265,812,727.00
048	Hire charges for equipment	11,732.20	584,093.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	99,240.70	5,832,021.58
051	Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052	Interest from Solar payment security account	0.00	0.00
053	Less : Transferred to SPSA fund	0.00	0.00
054	Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055	Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056	Miscellaneous Income	46,578,693.21	145,080,439.75
057	Total	474,055,745.96	435,376,969.08
058	Less Transferred to Development of Coal Mines- Note 43A	0.00	0.00
059	Less Transferred to Expenditure during Construction period (net)- Note 43	1,354,893.06	0.00
061	Less: Others	0.00	0.00
062	Total	472,700,852.96	435,376,969.08
063		0.00	0.00
064	Details of Miscellaneous Income	0.00	0.00
065	Vehicle Hire Charges	60,000.00	60,000.00
066	Sale of by products & residuals	0.00	0.00
067	Township recoveries(excl. Hospital Recoveries)	8,762,472.82	8,291,634.30
068	Depreciation written back	0.00	0.00
069	Sale of Scrap	21,344,163.04	26,226,450.35
070	Receipt under loss of profit policy	0.00	0.00
071	Receipts under MBO/Fire Policy	0.00	100,000,000.00
072	Management development programme	0.00	0.00
073	Management Fee - Misc (NVVN)	0.00	0.00
074	Others	18,472,057.55	12,494,355.10
075		0.00	0.00
076	Total (Miscellaneous Income)	46,578,693.21	145,080,439.75
077		0.00	0.00
078	Details of Provision written back others	0.00	0.00
079	Doubtful debts	0.00	0.00
080	Doubtful Loans, Advances and Claims	0.00	0.00
081	Doubtful Construction Advances	0.00	0.00
082	Shortage in Construction Stores	0.00	3,971,433.48
083	Shortage in Stores	0.00	1,560,588.11
084	Obsolescence in Stores	99,240.70	0.00
085	Unserviceable capital works	0.00	0.00
086	Other Obligation including Arbitration	0.00	0.00
087	Shortage in Fixed Assets	0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS - OTHER INCOME

(Amount in ₹)

	31.03.2021	31.03.2020
088: Diminution in value of Investment	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38A TO THE FS-FUEL COST

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	FUEL COST	0.00	0.00
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	19,199,138,099.95	33,378,201,534.23
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	272,805,332.07	366,279,783.15
008	Total	19,471,943,432.02	33,744,581,297.38
009		0.00	0.00
010		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS - EMPLOYEE BENEFITS EXPENSE

(Amount in ₹.)

	For the Year ended	31.03.2021	31.03.2020
001	EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002	Salaries and wages	990,350,593.07	1,050,474,580.14
003	Contribution to provident and other funds	121,724,162.83	101,075,539.33
004	Unwinding of deferred payroll expense	8,020,060.23	9,932,860.69
005	Staff welfare expenses	110,988,952.13	99,011,900.68
006	Less - Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	Sub Total	1,240,094,668.26	1,262,094,694.84
009	Less: Employee benefits expense allocated to fuel inventory	30,954,790.19	71,135,709.24
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	0.00	0.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	62,194,267.92	79,040,103.68
016	TOTAL	1,155,945,511.05	1,111,918,881.92
017	Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 40 TO THE FS - FINANCE COSTS

(Amount in ₹.)

	For the Year ended 31.03.2021	31.03.2020
001 FINANCE COSTS	0.00	0.00
002 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003 Bonds	1,607,403,796.40	1,425,704,288.67
004 Government of India Loans	0.00	0.00
005 Foreign currency term loans	188,219,118.71	272,852,151.42
006 Rupee term loans	1,682,579,652.00	2,301,263,655.00
007 Public deposits	0.00	0.00
008 Foreign currency bonds/notes	1,150,688,938.54	1,116,127,325.61
009 Cash Credit	0.00	0.00
010 Unwinding of discount on account of vendor liabilities	15,981,947.66	929,662.16
011 Commercial Papers	0.00	0.00
012 Sub Total	4,646,885,451.40	5,118,957,282.26
013 Interest on non financial items	0.00	0.00
014 Other Borrowing Costs	0.00	0.00
015 Bonds servicing & public deposit exp.	1,965,012.63	1,976,555.34
016 Guarantee fee	0.00	0.00
017 Management fee	0.00	0.00
018 Commit charges/exposure premium	0.00	0.00
019 Bond issue expenses	0.00	0.00
020 Legal exp on foreign currency loans	0.00	0.00
021 Foreign currency bonds/notes exp.	0.00	0.00
022 Up-front fee	0.00	0.00
023 Insurance premium on foreign currency loans	0.00	0.00
024	0.00	0.00
025 Others	0.00	32,755.00
026 Sub Total (Other Borrowing cost)	1,965,012.63	2,009,310.34
027	0.00	0.00
028 Exchange differences regarded as an adjustment to borrowing costs	-3,058,884.00	213,056,422.00
029 Sub Total	4,644,791,600.03	5,334,023,014.60
030 Less: Transferred to Expenditure during construction period (net) - Note 43	62,112,404.00	124,905,488.00
031 Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032	0.00	0.00
033 Total	4,582,679,196.03	5,209,117,526.60

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 41 TO THE FS - DEPRECIATION AND AMORTIZATION EXPENSES

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	Depreciation and amortization expenses	0.00	0.00
002	On property, plant and equipment- Note 2	8,060,096,165.36	7,721,744,367.32
003	On intangible assets- Note 4	3,159,210.00	3,232,249.41
004	Sub-total	8,071,245,384.36	7,724,956,636.73
005	Less:	0.00	0.00
006	Allocated to fuel inventory	216,295,922.65	428,859,546.37
007	Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008		0.00	0.00
009	Transferred/Allocated to development of coal mines	0.00	0.00
010	Adjustment with deferred revenue from deferred foreign currency fluctuation	332,043,900.00	295,281,000.00
011		0.00	0.00
012	Total	7,622,996,461.71	7,090,815,990.36

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS - OTHER EXPENSE

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	OTHER EXPENSES	0.00	0.00
002	Power charges	21,145,889.00	31,673,948.00
003	Less: Recovered from contractors & employees	10,418,641.46	3,229,224.91
004	Sub-Total(Power Charges)	10,727,247.52	28,444,723.09
005	Water charges	221,885,190.00	226,076,342.00
006	Stores consumed	62,572,956.54	107,977,976.79
007	Rent	0.00	0.00
008	Less Recoveries	0.00	0.00
009	Sub-Total (Rent)	0.00	0.00
010	Cost of captive coal produced	0.00	0.00
011	Repairs & maintenance	0.00	0.00
012	Buildings	77,315,263.10	77,765,631.73
013	Plant & machinery	0.00	0.00
014	Power stations	1,616,762,685.77	1,377,574,530.42
015	Construction equipment	9,083,487.05	4,461,104.77
016	Others	143,857,828.85	80,771,603.40
017	Sub-total (Repairs & maintenance)	1,847,019,265.87	1,540,572,960.32
019	Load Dispatch Center Charges	9,099,033.00	12,005,333.00
021	Insurance	98,030,084.25	61,787,704.00
022	Interest to beneficiaries	0.00	0.00
023	Rates and taxes	51,000,146.28	35,046,360.57
024	Water cess & environment protection cess	11,519,345.00	27,719,353.00
025	Training & recruitment expenses	703,852.00	1,769,030.00
026	Less: Receipts	0.00	0.00
027	Sub-total (Training and recruitment expenses)	703,852.00	1,769,030.00
028	Communication expenses	17,719,032.18	15,377,808.59
029	Inland Travel	41,811,802.38	54,616,893.19
030	Foreign Travel	0.00	205,600.30
031	Tender expenses	0.00	128,100.00
032	Less: Receipt from sale of tenders	46,870.00	0.00
033	Sub-total (Tender expenses)	46,870.00	128,100.00
034	Payment to auditors	0.00	0.00
035	Audit fee	0.00	0.00
036	Tax audit fee	0.00	0.00
037	Other services	0.00	0.00
038	Reimbursement of expenses	0.00	0.00
039	Sub-total (Payment to Auditors)	0.00	0.00
040	Advertisement and publicity	1,396,629.40	1,616,168.58
041	Electricity duty	0.00	0.00
042	Security expenses	203,665,944.01	210,563,841.52
043	Entertainment expenses	11,745,156.85	11,636,504.75
044	Expenses for guest house	22,741,589.00	21,393,187.00
045	Less Recoveries	741,117.00	1,107,560.20
046	Sub-Total (Guest house expenses)	22,000,482.00	20,285,626.80
047	Education expenses	0.00	0.00
049	Donations	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS - OTHER EXPENSE
(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
050	Ash utilisation & marketing expenses	395,151,160.92	669,031,765.09
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	4,519,990.00	4,028,174.76
054	Legal expenses	14,048,280.00	11,099,183.00
055	EDP hire and other charges	1,158,474.03	1,028,610.00
056	Printing and stationery	1,283,917.60	2,950,571.45
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	17,592,943.59	23,105,508.24
061	Reimbursement of L.C. charges on sales realisation	0.00	0.00
062		0.00	0.00
063	Cost of Hedging	815,000.00	0.00
064	Derivatives MTM loss/gain (Net)	0.00	0.00
065	Net loss/(gain) in foreign currency transactions & translations	83,962,472.41	146,023,696.06
066	Transport Vehicle running expenses	2,195,873.33	1,981,747.44
067	Horticulture Expenses	10,865,875.05	21,591,846.32
068	Hire charges- helicopter/aircraft	0.00	0.00
069	Hire charges of construction equipment	239,914.00	1,318,473.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	49,387,537.54	34,529,292.82
074	Loss on disposal/write-off of PPE	35,661,561.25	126,473,418.29
075	Sub-Total	3,261,838,025.03	3,401,612,978.68
076	Less: Other expenses allocated to fuel inventory	176,087,249.54	227,658,326.44
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	15,237,221.31	16,549,045.88
079	Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
080	Less: Others	0.00	0.00
081	Less: Transferred to CSR Expenses	6,209,394.00	0.00
082	Less: Transferred to Expenditure during Construction period (net)-Note 43	0.00	11,545,630.99
083	Net (Generation, Administration and Other expenses)	3,064,296,160.18	3,145,829,976.46
084	Corporate Social Responsibility Expenses	6,209,394.00	0.00
085	Less: Grants-in-aid	0.00	0.00
086	Sub-total (Corporate Social Responsibility Expenses)	6,209,394.00	0.00
087	Provisions	0.00	0.00
088	Doubtful Debts	0.00	0.00
089	Doubtful loans, advances and claims	1,700,000.00	0.00
090	Doubtful Construction Advances	0.00	0.00
091	Shortage in stores	2,629,415.00	-2,061,883.00
092	Obsolete/Diminution in the value of surplus stores	159,492.41	474,565.74
093	Shortage in construction stores	27,059,435.31	23,932.33
094	Diminution in value of long term investments	0.00	0.00

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MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS – OTHER EXPENSE
(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
095	Shortage in Fixed assets	2,237,282.47	0.00
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	101,764,871.00	0.00
098	Tariff Adjustment	135,018,000.00	45,357,000.00
099	Others	0.00	0.00
100	(i) Provision for arbitration cases	109,904,993.00	23,120,102.00
101	(ii) Other provisions	0.00	0.00
102	Total (Provisions)	380,473,289.19	66,913,747.07
103		0.00	0.00
104	Total	3,450,978,843.37	3,212,743,722.62
105		0.00	0.00
106	Breakup of miscellaneous expenses.	0.00	0.00
109	Hire charges of office equipment	179,360.00	0.00
111	Operating expenses of construction equipment	0.00	0.00
112	Operating expenses of D.G. sets	439,551.64	515,465.53
113	Furnishing expenses	658,346.24	1,404,454.30
114	Subscription to trade and other associations	0.00	0.00
115	Visa and entry permit charges	0.00	0.00
117	Tree plantation exp -NTPC Land	14,290,668.90	15,375,150.04
118	Research & development expenses	0.00	0.00
119	Less: Grants received for Research & development expenses	0.00	0.00
120	Sub-total (Research & development expenses)	0.00	0.00
121	Bank charges	394,473.69	900,670.68
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVN)	0.00	0.00
124	Power Trading Expenses	20,310,832.00	1,511,365.00
125	Brokerage & commission	2,962,776.00	1,815,581.39
129	Books and periodicals	73,803.00	155,000.30
130	Claims/advances written off	0.00	0.00
131	Stores written off	0.00	0.00
132	Survey & Investigation expenses written off	0.00	0.00
133	Others	10,187,932.07	12,855,805.38
134	Total	49,387,537.54	34,629,292.62
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 43 TO THE FS - EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended 31.03.2021	31.03.2020
001 EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00	0.00
002 A. Employee benefits expense	0.00	0.00
003 Salaries and wages	53,489,726.05	69,387,589.25
004 Contribution to provident and other funds	6,450,228.00	6,739,597.23
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	2,344,312.97	2,912,917.20
007 Total (A)	62,184,267.02	79,040,103.68
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	14,141,851.00	33,069,838.00
011 Foreign currency term loans	5,023,685.00	8,938,222.00
012 Rupee term loans	23,129,865.00	54,301,760.00
013 Foreign currency bonds/notes	5,455,750.00	18,958,331.00
014 Unwinding of discount on account of vendor liabilities	13,996,439.00	0.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangers Fees	0.00	0.00
020 Commitment charges/Exposure Premium	0.00	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	1,625,515.00	221,331.00
027 Exchange differences regarded as adjustment to interest cost	-2,291,501.00	9,430,066.00
028 Total (B)	62,112,404.00	124,905,488.00
029	0.00	0.00
030 C. Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less: Recovered from contractors & employees	0.00	0.00
034 Sub-total(Net power charges)	0.00	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	5,365,786.28
039 Construction equipment	0.00	1,917,575.00
040 Others	0.00	120,004.00
041	0.00	0.00
042 Insurance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS - EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹.)

	For the Year ended	31.03.2021	31.03.2020
043	Rates and taxes	0.00	0.00
044	Communication expenses	0.00	736,354.64
045	Travelling expenses	0.00	3,125,827.07
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	0.00	279,974.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	0.00	0.00
064	Total (D)	0.00	11,545,630.99
065	Total (A+B+C+D)	124,296,671.02	215,491,222.67
066	E. Less: Other Income	0.00	0.00
067	Interest from	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	1,354,893.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	0.00	0.00
076	TOTAL (E)	1,354,893.00	0.00
077	F. Net actuarial gain/loss OCI	0.00	0.00
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	122,941,778.02	215,491,222.67
080		0.00	0.00
081	* Balance carried to Capital Work-In-progress - (Note 3)	122,941,778.02	215,491,222.67

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING**

(Amount in ₹.)

	For the Year ended	31.03.2021	31.03.2020
001	EDC- Coal Mining	0.00	0.00
002	A. Employee benefits expense	0.00	0.00
003	Salaries and wages	0.00	0.00
004	Contribution to provident and other funds	0.00	0.00
005	Unwinding of deferred payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	0.00
007	Total (A)	0.00	0.00
008	B. Finance Costs	0.00	0.00
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	0.00	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	0.00
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	0.00
015	Others	0.00	0.00
016		0.00	0.00
017	Other Borrowings Costs	0.00	0.00
018	Guarantee Commission	0.00	0.00
019	Management Fees/Arrangers Fees	0.00	0.00
020	Commitment charges/Exposure Premium	0.00	0.00
021	Legal Expenses on foreign currency loans	0.00	0.00
022	Foreign currency bonds/notes expenses	0.00	0.00
023	Foreign Credit Insurance Premium	0.00	0.00
024	Upfront Fee	0.00	0.00
025	Exchange Differences	0.00	0.00
026	Others	0.00	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	Total (B)	0.00	0.00
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	0.00
031	D. Generation , administration and other expenses	0.00	0.00
032	Power charges	0.00	0.00
033	Less: Recovered from contractors & employees	0.00	0.00
034	Sub-total(Net power charges)	0.00	0.00
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	0.00
039	Construction equipment	0.00	0.00
040	Others	0.00	0.00
041	Cost of Captive Coal	0.00	0.00
042	Insurance	0.00	0.00
043	Rates and taxes	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING**

(Amount in ₹)

For the Year ended	31.03.2021	31.03.2020
044 Communication expenses	0.00	0.00
045 Travelling expenses	0.00	0.00
046 Tender expenses	0.00	0.00
047 Less: Income from sale of tenders	0.00	0.00
048 Sub-total (Net tender expenses)	0.00	0.00
049 Advertisement and publicity	0.00	0.00
050 Security expenses	0.00	0.00
051 Entertainment expenses	0.00	0.00
052 Guest house expenses	0.00	0.00
053 Less: Receipt from guest house	0.00	0.00
054 Sub-total (Not Guest House Expenses)	0.00	0.00
055 Education expenses	0.00	0.00
056 Brokerage & Commission	0.00	0.00
057 Books and periodicals	0.00	0.00
058 Community development expenses	0.00	0.00
059 Professional charges and consultancy fee	0.00	0.00
060 Legal expenses	0.00	0.00
061 EDP Hire and other charges	0.00	0.00
062 Printing and stationery	0.00	0.00
063 Miscellaneous expenses	0.00	0.00
064 Total (D)	0.00	0.00
065 Total (A+B+C+D)	0.00	0.00
066 E. Less: Other Income	0.00	0.00
067 Interest from	0.00	0.00
068 Indian banks	0.00	0.00
069 Foreign banks	0.00	0.00
070 Others	0.00	0.00
071 Contractors	0.00	0.00
072 Hire charges	0.00	0.00
073 Sale of scrap	0.00	0.00
074 Exchange Differences	0.00	0.00
075 Miscellaneous income	0.00	0.00
076 TOTAL (E)	0.00	0.00
077 F. Net actuarial gain/loss OCI	0.00	0.00
078	0.00	0.00
079 GRAND TOTAL (A+B+C+D-E+F)	0.00	0.00
080	0.00	0.00
081 * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS**

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	2,075.06	2,075.08
007 (b) value (in rs)	3,707,454,497.16	3,707,454,497.16
008 Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjust	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 -Freehold	0.00	0.00
016 -Right of Use	0.00	0.00
017 (b) value (in rs)	0.00	0.00
018 -Freehold	0.00	0.00
019 -Right of Use	0.00	0.00
020 Right-of-use buildings pending completion of legal formalities - value (in rs)	0.00	0.00
021 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022 Property, plant & equipment	11,949,603,901.00	14,760,075,114.41
023 Intangible assets	0.00	0.00
024 Details of precommissioning expenditure	0.00	0.00
025 (a) precommissioning expenses	0.00	0.00
026 (b) precommissioning income	0.00	0.00
027 (c) net precommissioning expenditure	0.00	0.00
028	0.00	0.00
029	0.00	0.00
030	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	-48,250,791.63	-132,287,629.94
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	-397,145,914.87	3,103,905,435.90
047 Leases as Lessee	0.00	0.00
048 Leases classified as Right to Use	0.00	0.00
049 A) Obligation towards Minimum Lease Payments (undiscounted)	0.00	0.00
050 3 months or less (A)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2021	31.03.2020
051 3-12 Months (B)	0.00	0.00
052 1-2 Years (C)	0.00	0.00
053 2-5 Years (D)	0.00	0.00
054 More than 5 Years (E)	0.00	0.00
055 Total (A+B+C+D+E)	0.00	0.00
056 Opening Balance of Lease Liabilities (A)	0.00	0.00
057 - Additions in lease liabilities (B)	0.00	0.00
058 - Interest cost during the year (C)	0.00	0.00
059 - Payment of lease liabilities (D)	0.00	0.00
060 Closing Balance of Lease Liabilities (A+B+C-D)	0.00	0.00
061 Current Lease Liabilities	0.00	0.00
062 Non Current Lease Liabilities	0.00	0.00
063 Depreciation and amortisation expense for right-of-use assets	₹57,756,047.12	157,705,263.90
064 Short Term Leases	0.00	0.00
065 A) Rent	0.00	0.00
066 Company lease accomodation - executives	0.00	0.00
067 Company lease accomodation - directors	0.00	0.00
068 Others	0.00	0.00
069 Total	0.00	0.00
070 Cash Outflow from Leases	0.00	0.00
071 B) (i) receipts from sub-lease of office buildings	0.00	0.00
072 (ii) receipts from sub-lease of helicopter	0.00	0.00
073 Leases as Lessor	0.00	0.00
074 Finance Leases	0.00	0.00
075 Finance Income on Net investment in Lease	0.00	0.00
076 Income Related to Variable Lease Payments	0.00	0.00
077	0.00	0.00
078 Undiscounted Lease payments to be received	0.00	0.00
079 Less than one year (A)	0.00	0.00
080 Between one and two years (B)	0.00	0.00
081 Between two and three years (C)	0.00	0.00
082 Between three and four years (D)	0.00	0.00
083 Between four and five years (E)	0.00	0.00
084 More than five years (F)	0.00	0.00
085 Total minimum lease payments (A+B+C+D+E+F)	0.00	0.00
086 Less amounts representing unearned finance income	0.00	0.00
087 Present value of minimum lease payments	0.00	0.00
088	0.00	0.00
089 Operating Leases	0.00	0.00
090 Lease Income	0.00	0.00
091 Income Related to Variable Lease Payments	0.00	0.00
092	0.00	0.00
093 Undiscounted Lease payments to be received	0.00	0.00
094 Less than one year (A)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹.)

As at	31.03.2021	31.03.2020
095 Between one and two years (B)	0.00	0.00
096 Between two and three years (C)	0.00	0.00
097 Between three and four years (D)	0.00	0.00
098 Between four and five years (E)	0.00	0.00
099 More than five years (F)	0.00	0.00
100 Total minimum lease payments (A+B+C+D+E+F)	0.00	0.00
101 Borrowing cost capitalised during the year	62,112,404.00	124,995,485.00
102 Revenue grants recognized during the year	0.00	0.00
103 Revenue expenditure on research and development	0.00	0.00
104 Capital expenditure on research and development	0.00	0.00
105 Expenditure on sustainability development - capital	6,308,176.00	3,219,448.00
106 Expenditure on csr- capital	0.00	0.00
107 Car amount spent during the year, yet to be paid in cash	0.00	0.00
108 Constr/acquisition of any asset	0.00	0.00
109 On purpose other than above	0.00	0.00
110	0.00	0.00
111 Disclosure under msmed act 2006.	0.00	0.00
112 (i) (a) the principal amount remaining unpaid as at year end.	332,573,950.00	288,279,206.70
113 (i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
114 (i) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
115 (ii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
116 (iv) the amount of interest accrued and remaining unpaid at the end of the year, and	0.00	0.00
117 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
118 Amount of inventories recognized as an expense (including fuel)	20,540,883,139.29	34,820,355,802.47
119 Amount of inventories capitalised as overhauling assets out of 112 above	128,225,910.70	159,594,852.47
120 Amount capitalised as edc out of 112 above	0.00	0.00
133 Value of Imported Material Consumed during the Year	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of:	0.00	0.00
137 (i)Capital works	4,757,053,445.00	4,284,819,529.00
138 (ii)Land compensation cases	2,000,000.00	4,746,110.00
139 (ii)Others by state authorities towards	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS**

(Amount in ₹.)

As at	31.03.2021	31.03.2020
140 (a) Water royalty / water charges / nala tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00
142 (c) Other demands by state authorities	9,736,000.00	23,954,517.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	0.00	0.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	22,209,144.00	22,209,144.00
149 B. Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax	0.00	0.00
154 (v) Entry tax	0.00	0.00
155 C. Others	0.00	0.00
156 Total	4,791,798,589.00	4,335,739,300.00
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii) Land compensation cases	0.00	0.00
160 (iii) Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	0.00	0.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vii) Others	0.00	0.00
167 Total	0.00	0.00
168 E. AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169	0.00	0.00
170 F. CONTINGENT ASSETS	0.00	0.00
171	0.00	0.00
172	0.00	0.00
173	0.00	0.00
175 Previous year figures have been regrouped/rearranged wherever necessary	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended	31.03.2021	31.03.2020
001	1) Transactions during the year- subsidiaries	0.00	0.00
002	Contracts for works/services for services received by the company	0.00	0.00
003	Contracts for works/services for services provided by the company	0.00	0.00
004	Deputation of employees	0.00	0.00
005	Purchases or sales of goods	0.00	0.00
006	Purchases or sales of property and other assets	0.00	0.00
007	Sub-total	0.00	0.00
008		0.00	0.00
009	Dividend received	0.00	0.00
010	Equity contributions made	0.00	0.00
011	Share application money pending allotment	0.00	0.00
012	Loans granted	0.00	0.00
013	Guarantees received	0.00	0.00
014	Guarantees provided	0.00	0.00
015	Sub-total	0.00	0.00
016		0.00	0.00
017	Transactions during the year- jvs	0.00	0.00
018	Contracts for works/services for services received by the company	559,601,489.92	435,776,020.58
019	Contracts for works/services for services provided by the company	0.00	0.00
020	Deputation of employees	0.00	0.00
021	Purchases or sales of goods	4,901,652.76	54,553,142.01
022	Purchases or sales of property and other assets	0.00	0.00
023	Sub-total	564,203,342.70	490,329,162.59
024		0.00	0.00
025	Dividend received	0.00	0.00
026	Equity contributions made	0.00	0.00
027	Share application money pending allotment	0.00	0.00
028	Loans granted	0.00	0.00
029	Guarantees received	0.00	0.00
030	Guarantees provided	0.00	0.00
031	Sub-total	0.00	0.00
032	Total	564,203,342.70	490,329,162.59
033	Transactions with post employment benefit plans	0.00	0.00
034	Contributions made during the year	0.00	0.00
035	Compensation to key management personnel	0.00	0.00
036	Short term employee benefits	0.00	0.00
037	Post employment benefits	0.00	0.00
038	Other long term benefits	0.00	0.00
039	Termination benefits	0.00	0.00
040	Share based payments	0.00	0.00
041	Sub-total	0.00	0.00
042	Transactions with the related parties under the	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-B TO THE FS- RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD
(Amount in ₹)

	31.03.2021	31.03.2020
control of the same government:		
043 Coal india ltd. And its subsidiaries- purchase of coal	11,051,944,974.46	12,279,532,912.65
044 Singareni coalfields ltd- purchase of coal	713,456,616.00	3,470,486,412.00
045 Bhel ltd.	0.00	0.00
046 Purchase of equipment, supply & erection services	166,511,363.56	8,161,097.89
047 Purchase of spares	371,851,131.67	191,993,018.77
048 Maintenance services	280,132,660.61	273,836,342.60
049 Sub-total	610,495,163.84	473,990,359.28
050 Gail (i) ltd. Supply of natural gas	0.00	0.00
051 Ind supply of oil products	10,107,391.99	464,727,563.37
052 Bpci-supply of natural gas and oil	131,637,214.00	0.00
053 Sail-supply of steel and iron products	116,658,297.00	129,315,962.83
054 Other entities	0.00	0.00
055 Purchase of equipments & erection services	196,621.96	15,187,422.00
056 Purchase of spares	18,648,000.99	11,200,959.24
057 Maintenance services	79,314,950.75	102,411,879.05
058	0.00	0.00
059 Total	12,938,467,289.01	16,946,833,169.68
060 Transaction with other	0.00	0.00
061 Transaction with ntpc education and research society and ntpc foundation	0.00	0.00
062 - transactions during the year	0.00	0.00
063 ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
064 Compensation to key management personnel (including co secretary/ cmd and non executive directors)	0.00	0.00
065 Short term employee benefits	0.00	0.00
066 Post employment benefits	0.00	0.00
067 Other long term benefits	0.00	0.00
068 Directors sitting fee	0.00	0.00
069 Termination benefits	0.00	0.00
070 Share based payments	0.00	0.00
071 Bank guarantee received from joint venture companies	0.00	0.00
072 Additional Transactions with GAIL	0.00	0.00
073	0.00	0.00
074	0.00	0.00
075	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-C TO THE FS-RPD DISCLOSURE- OUTSTANDING BALANCES

(Amount in ₹)

As at	31.03.2021	31.03.2020
001 Outstanding balance	0.00	0.00
002 Amount recoverable towards loans	0.00	0.00
003 - From Subsidiaries	0.00	0.00
004 - From JVC	0.00	0.00
005 - From KMP	0.00	0.00
006 - From Others	0.00	0.00
007 Sub-total	0.00	0.00
008 Amount recoverable other than loan	0.00	0.00
009 - from subsidiaries	0.00	0.00
010 - from joint ventures	0.00	0.00
011 - from key managerial personnel	0.00	0.00
012 - from post employment benefit plans	0.00	0.00
013 - from others	0.00	0.00
014 Sub-total	0.00	0.00
015 Amount payable	0.00	0.00
016 - from subsidiaries	0.00	0.00
017 - from joint ventures	63,240,004.28	79,678,030.69
018 - from key managerial personnel	0.00	0.00
019 - from post employment benefit plans	0.00	0.00
020 - from others	0.00	0.00
021 Sub-total	63,240,004.28	79,678,030.69
022	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
BALANCE SHEET

(Amount in ₹)

As at	Note	31.03.2022	31.03.2021
801 ASSETS		0.00	0.00
802		0.00	0.00
803 NON-CURRENT ASSETS		0.00	0.00
804 PROPERTY, PLANT & EQUIPMENT	2	101,486,210,872.41	107,104,389,487.01
805 CAPITAL WORK-IN-PROGRESS	3	7,111,910,404.30	6,530,001,264.88
806 INTANGIBLE ASSETS	4	41,909,437.54	46,719,289.03
807 INTANGIBLE ASSETS UNDER DEVELOPMENT	5	0.00	0.00
808 FINANCIAL ASSETS		0.00	0.00
809 INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	6	0.00	0.00
810 (i) INVESTMENTS	7	0.00	0.00
811 (ii) TRADE RECEIVABLES	8	0.00	0.00
812 (iii) LOANS	9	142,829,987.36	120,817,441.72
813 (iv) OTHER FINANCIAL ASSETS	10	0.00	13,739,232.00
814 OTHER NON-CURRENT ASSETS	11	2,874,193,720.30	4,000,068,931.47
815 TOTAL NON-CURRENT ASSETS		111,638,613,102.87	116,972,204,358.11
816		0.00	0.00
818 CURRENT ASSETS		0.00	0.00
819 INVENTORIES	12	3,093,212,505.14	6,770,600,793.08
822 FINANCIAL ASSETS		0.00	0.00
821 (i) INVESTMENTS	13	0.00	0.00
822 (ii) TRADE RECEIVABLES	14	0.00	277,871.06
823 (iii) CASH AND CASH EQUIVALENTS	15	0.00	619,828.11
824 (iv) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	16	0.00	0.00
825 (v) LOANS	17	69,287,491.07	60,126,168.19
826 (vi) OTHER FINANCIAL ASSETS	18	13,629,262.82	42,275,969.81
827 CURRENT TAX ASSETS (NET)		0.00	0.00
828		0.00	0.00
829 OTHER CURRENT ASSETS	19	4,675,175,279.49	7,489,268,160.14
830		0.00	0.00
831 TOTAL CURRENT ASSETS		8,738,384,489.81	14,300,418,381.61
832 REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	20	2,117,210,670.53	1,649,874,007.98
834 TOTAL ASSETS		122,838,163,163.11	128,951,514,729.68
835 EQUITY AND LIABILITIES		0.00	0.00
836 EQUITY		0.00	0.00
837 EQUITY SHARE CAPITAL	21	0.00	0.00
838 OTHER EQUITY	22	39,474,147,009.42	37,207,473,974.01
841 TOTAL EQUITY		49,474,147,009.42	37,207,473,974.01
842		0.00	0.00
843 LIABILITIES		0.00	0.00
844 NON-CURRENT LIABILITIES		0.00	0.00
845 FINANCIAL LIABILITIES		0.00	0.00
846 (i) BORROWINGS	23	0.00	0.00
847 (ii) LEASE LIABILITIES	23A	0.00	0.00
848 NO TRADE PAYABLES		0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

BALANCE SHEET

(Amount in ₹)

As at	Note	31.03.2022	31.03.2021	
049	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	21	4,471,918.00	1,317,385.00
050	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	2A	11,080,750.82	3,215,424.89
051	III) OTHER FINANCIAL LIABILITIES	25	565,077,038.07	78,464,378.94
052	PROVISIONS	26	0.00	0.00
053	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
054	OTHER NON-CURRENT LIABILITIES	28	36,194,485.00	62,347,333.00
055			0.00	0.00
056	TOTAL NON-CURRENT LIABILITIES		612,354,578.89	83,943,582.43
057			0.00	0.00
058	CURRENT LIABILITIES		0.00	0.00
059	FINANCIAL LIABILITIES		0.00	0.00
060	i) BORROWINGS	29	0.00	0.00
061	ii) LEASE LIABILITIES	25A	0.00	0.00
062	iii) Trade Payables		0.00	0.00
063	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	194,041,803.10	191,448,823.14
064	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	31	3,093,436,182.49	3,279,151,755.06
065	III) OTHER FINANCIAL LIABILITIES	32	6,028,046,329.85	6,154,817,200.78
066	OTHER CURRENT LIABILITIES	33	41,798,805.59	13,721,894.31
067	PROVISIONS	33	892,304,895.12	891,750,846.18
068	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
069			0.00	0.00
070	TOTAL CURRENT LIABILITIES		12,108,048,904.26	10,619,254,811.55
071			0.00	0.00
072	DEFERRED REVENUE	35	3,464,574,000.00	3,170,088,000.00
073	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	36	0.00	0.00
074	INTER-LAID ACCOUNTS		18,981,027,820.44	17,480,616,460.00
075			0.00	0.00
076	TOTAL EQUITY AND LIABILITIES		123,530,183,163.11	128,951,314,728.08
077	Significant Accounting Policies as per Note 1		0.00	0.00
078			0.00	0.00
079	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
080			0.00	0.00

GOTAM KUMAR
BAGARIYA

(Auditor Initial & Stamp)

NARENDER
KUMAR
CHATRATH

(Head of Finance)

Hari
Prasad
Joshi

(Head of Unit)

MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2022	31.03.2021
001	Revenue		0.00	0.00
002	Revenue from operations	37	60,236,987,400.59	43,496,992,279.63
003	Other income	38	577,626,209.10	479,627,707.96
006	Total Income		60,814,613,609.69	43,976,620,001.39
007	Expenses		0.00	0.00
008	Fuel including cost of captive coal	39A	41,582,192,394.08	19,474,295,753.88
009	Employee benefits expense	39	1,179,662,722.25	1,150,943,511.55
010	Electricity purchased for trading		0.00	0.00
011	Financial costs	40	3,749,109,701.14	4,582,879,198.23
012	Depreciation and amortisation expenses	41	7,317,343,343.30	7,590,741,881.77
013			0.00	0.00
014	Other expenses	42	3,692,076,046.36	3,467,907,572.27
015	CC - expenses charge to revenue		608,498,479.35	988,197,405.32
016	Loss/Unit expenses transferred to CC		85,134,334.07	0.00
017	Total expenses		55,717,950,241.08	26,785,373,001.11
020	Profit before exceptional items & tax		5,096,663,368.62	7,191,247,000.43
021	Exceptional items		0.00	0.00
024	Profit before tax		5,096,663,368.62	7,191,247,000.43
027	Tax expense:		0.00	0.00
028	Current tax		0.00	0.00
029	Deferred tax		0.00	0.00
034			0.00	0.00
036	Total Tax expense		0.00	0.00
038	Profit for the period before regulatory deferral account balances		5,096,663,368.62	7,191,247,000.43
039	Movement in regulatory deferral account balances		0.00	0.00
038	Regulatory deferral account - interest		0.00	0.00
039	Dividends		481,404,582.54	454,587,350.98
040	Tax impact of Regulatory deferral account balances		0.00	0.00
041	Movement in Regulatory deferral account balances (Net of Tax)		481,404,582.54	454,587,350.98
042	Profit for the period year		5,578,067,951.16	7,645,834,351.41
043	Other comprehensive income		0.00	0.00
044	(A) Items that will not be reclassified to profit or loss		0.00	0.00
045	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
046	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
047	- Net actuarial gains/(losses) on defined benefit plans		-5,743,822.15	-71,316,820.41
048	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
050		43	0.00	0.00
053	Other comprehensive income for the year, net of income tax		-5,743,822.15	-71,316,820.41
054			0.00	0.00
055	Total Comprehensive Income for the year		5,578,067,951.16	7,574,517,530.99
059			0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2022	31.03.2021
070	Earnings per equity share:		0.00	0.00
071	Basic & Diluted		0.00	0.00
072	Significant Accounting Policies		0.00	0.00
073	Expenditure during construction period (Net/Disc. of cost minus profit) ₹ Lakhs		0.00	0.00
074	This accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

GOTAM KUMAR (Chartered Accountant)
 BAGARIYA (Member of the Institute of Cost Accountants of India)

(Auditor Initial & Stamp)

NARASIMH (Chartered Accountant)
 KUNWAR (Member of the Institute of Cost Accountants of India)
 CHATWATH (Member of the Institute of Cost Accountants of India)

(Head of Finance)

Mani (Chartered Accountant)
 Prasad (Member of the Institute of Cost Accountants of India)
 Jothi (Member of the Institute of Cost Accountants of India)

(Head of Unit)

MAUDA SUPER THERMAL POWER PROJECT

OTHER COMPREHENSIVE INCOME

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
001	0.00	0.00
002 Other comprehensive income	0.00	0.00
003 (A) Items that will not be reclassified to profit or loss	0.00	0.00
004 - Net gains/(losses) on fair value of equity instruments through other comprehensive income	0.00	0.00
005 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
006 - Net actuarial gains/(losses) on defined benefit plans	-5,143,822.05	-11,316,620.48
007 Income tax on above that will not be reclassified to profit or loss	0.00	0.00
008	0.00	0.00
009 (B) Items that will be reclassified to profit or loss	0.00	0.00
010 Income tax relating to above items that will be reclassified to profit or loss	0.00	0.00
011	0.00	0.00
012 Other comprehensive income for the year, net of income tax	-5,143,822.05	-11,316,620.48
013	0.00	0.00
014 Total comprehensive income for the year (A+B)	-5,143,822.05	-11,316,620.48

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area -1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 01.04.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 01.04.2021	Net Book Value As At 31.03.2022
1. TANGIBLE ASSETS	3.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	3.00
2. Land (including development cost/land)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Silt/impurities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Right of use - Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Opening Area Land										
7. Roads/bridges, canals & pipelines	2247164172.00	4340270.00	0.00	2290566872.00	17960022.00	8620271.00	0.00	26580293.00	1941564150.00	1941564150.00
8. Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Motor assets	123402013.00	1402024.00	0.00	124804037.00	18880000.00	0.00	0.00	18880000.00	106024037.00	106024037.00
11. Others	270001700.00	2000000.00	0.00	272001700.00	10000000.00	0.00	0.00	10000000.00	162001700.00	162001700.00
12. Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13. Temporary vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14. Water Supply, Drainage & Sewerage system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15. Hydraulic works, canals, dams, canals and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16. MCR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17. Railway siding	20000111.00	0.00	0.00	20000111.00	0.00	0.00	0.00	0.00	20000111.00	20000111.00
18. Excitation system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19. Plant and machinery (including associated civil work) / Diesel Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area -1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 01.04.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2022	Net Book Value As At 31.03.2021
20 Plant and machinery(including associated civil works) Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	18812251.00	2228479.94	0.00	21040730.94	10760103.71	182277.02	0.00	10942380.73	10148492.24	40490200.18
22 Assets under 5 Km Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including equipments / motor-cycles - Owned	61317.64	0.00	0.00	61317.64	20288.11	2918.00	0.00	47706.11	13611.53	41930.11
24 Vehicles including motorbikes / motor-cycles - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	5731771.24	962405.10	0.00	6694176.34	2897201.34	1023077.11	0.00	3720278.45	2973897.89	3720278.45
26 EDP, WP machines and related equipment	4715064.70	80366.11	321421.14	4496909.67	2580349.36	7387249.44	32922.94	4319127.90	2176780.77	1127029.14
27 Construction equipments	17710964.00	2272828.00	0.00	20003792.00	9115281.00	1902244.60	0.00	11113036.40	8890755.60	11113036.40
28 Electrical equipments	53882243.14	1287674.45	74671.80	54706686.79	55473741.00	13467222.14	0.00	41239463.86	13482742.93	41239463.86
29 Communication equipments	2285771.00	1720187.00	0.00	4005958.00	1802469.00	281344.24	0.00	1621124.76	2384833.24	2384833.24
30 Health equipments	704004.00	1020000.00	0.00	1724004.00	2120144.20	811000.00	0.00	1312944.20	4117059.80	4117059.80
31 Laboratory and workshop equipments	22022251.00	1520141.00	0.00	23542392.00	10721009.00	5228117.00	0.00	12813892.00	10729493.00	10729493.00
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 31.03.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2021	Net Book Value As At 31.03.2022
24 Leasehold Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Lease Recoverable from O&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Assets for sale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 Land-Adjusted from P&A valuation reserve	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Site Remediation Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Figures)	1442000000.00	200000000.00	00000000.00	1680000000.00	370000000.00	00000000.00	00000000.00	370000000.00	1072000000.00	1310000000.00
Grand Total Free Asset (Figures)	1426000000.00	120000000.00	00000000.00	1546000000.00	370000000.00	00000000.00	00000000.00	370000000.00	1039000000.00	1270000000.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2022	Tangible As At: 31.03.2021	Tangible As At: 31.03.2022	Tangible As At: 31.03.2021
Original of assets	(220037.82)	(8527296.38)	(220037.82)	(8527296.38)
Retirement of assets	(248231134.44)	(128723924.35)	(205451701.86)	(82572423.15)
Cost equipments	331178035.11	538499973.23	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	(89212479.02)	(89211.85)	(21735108.10)	(89211.85)
Others	0.00	0.00	0.00	0.00
TOTAL	(658976.09)	463892140.81	(238427345.75)	(99146331.31)

Note - Additions during the year includes capital expenditure towards CSR (in Rs.) 0.00

(Amount in Rupees)

Note forming part of Balance Sheet

Note 3: Capital Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2021	Addition	Debit/Retn Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	Capital expenditure					
2	Development of land					
3	Stone, brick, labour & materials	1007141.00	2000167.20	1821700.52	2005607.68	2005607.68
4	Plant and machinery					
5	Buildings					
6	Plant and - Plant and - Plant and	2000071.20	12220879.50	10875206.00		10000000.00
7	Other	2000000.00	2500000.00	1000000.00	2000000.00	2000000.00
8	Temporary structure					
9	Water supply, drainage and sewerage system	2000000.00	1000000.00	2000000.00		
10	"High voltage, transformer, busbar, switch and power cable"					
11	Other work and standing assets					
12	Other work		2000000.00	2000000.00		2000000.00
13	Plant and machinery		2000000.00	2000000.00		2000000.00
14	Plant and equipment	2000000.00	2000000.00	2000000.00	2000000.00	2000000.00
15	Electrical and - Electrical and - Electrical and	2000000.00	2000000.00	2000000.00		2000000.00
16	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
17	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
18	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
19	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
20	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
21	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
22	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
23	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
24	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
25	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
26	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
27	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
28	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
29	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
30	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
31	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
32	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
33	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
34	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
35	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
36	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
37	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00
38	Other equipment	2000000.00	2000000.00	2000000.00		2000000.00

Report Date: 27/03/2022 10:24:05

Version: 3 - Data Loaded (Date: 1)

4

(Amount in Rupees)

Note forming part of Balance Sheet

Note 3: Capital Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 01.04.2021	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
28	Construction work-in-progress of long term					
29	Pre-construction incurred cost					
31	Two-Paid-Maintenance-Contract Project					
32	Expenditure during Construction Period (net)		1120000.00	(1120000.00)		1120000.00
33	LCR - Advance to contract works		1170000.00			1170000.00
34	- LCR - Provision for Unrecoverable works -	(1170000.00)				(1170000.00)
35	Construction Allowance (W/Cost)					
36	Land	201450000.00	10567000.00	(10567000.00)		201450000.00
37	Construction	1000000.00	10000000.00	(10000000.00)		10000000.00
38	Other	1000000.00	10000000.00	(10000000.00)		10000000.00
39	Sub-total	102550000.00	10572000.00	(10567000.00)		102550000.00
40	LCR - Provision for Unrecoverable	(1000000.00)		(1000000.00)		(1000000.00)
41	Sub-total	101550000.00	10572000.00	(10567000.00)		101550000.00
42	Total CWIP	300000000.00	81670000.00	(10567000.00)	10000000.00	378000000.00
43						
44						
45	PREVIOUS YEAR TOTAL	300000000.00	336170000.00	(10567000.00)	10000000.00	638000000.00

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

(Amount in Rupees)

Note-forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Asset Class	Opening Gross Book Value As At 01.04.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2022	Net Book Value As At 31.03.2021
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Right to Use Land	4007159.86	0.00	0.00	4007159.86	1152019.57	200000.00	0.00	1452019.57	4269180.44	4007159.86
2. Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Software	4012369.15	525479.88	(2244099.42)	2007449.61	1120915.58	400179.24	(2266699.42)	1940525.40	4007424.21	(111100.00)
Grand Total (Intangible)	8019529.01	525479.88	(2244099.42)	6200949.47	2272935.15	600179.24	(2266699.42)	4617414.97	4269180.44	4007159.86
Grand Total Free Year (Intangible)	8019529.01	525479.88	(2244099.42)	6200949.47	2272935.15	600179.24	(2266699.42)	4617414.97	4269180.44	4007159.86

(Amount in Rupees)

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Details of Adjustments of Gross Block and Depreciation/Amortization

Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2022	InTangible As At: 31.03.2021	InTangible As At: 31.03.2022	InTangible As At: 31.03.2021
Original of assets	0.00	0.00	0.00	0.00
Retirement of assets	(2366098.42)	0.00	(2366098.42)	0.00
Cost equipments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	(2366098.42)	0.00	(2366098.42)	0.00

Note - Additions during the year includes capital expenditure towards CSR (in Rs.) 0.00

(Amount in Rupees)

Note forming part of Balance Sheet

Note 5: Intangible Assets under Development

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2021	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Patent/Less:Others					
4	Trademark and Copyright Expenses - Coal Min.					
5	Capitalized advertisement					
6	Less: Provision for expensary work in progress					
7	Total					
8	PREVIOUS YEAR TOTAL					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
801	NON CURRENT INVESTMENTS- INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES			8.88	8.88
811	EQUITY INSTRUMENTS - UNQUOTED (FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)			8.88	8.00
813	SUBSIDIARY COMPANIES			8.88	8.00
814	PATKATS VIDYUT UTPADAN NIGAM LTD.			1.00	1.00
815	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
816	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
817	BARBARDAR POWER GENERATING COMPANY LTD.			0.00	0.00
818	KARNI BULGE UTPADAN NIGAM LTD.			0.00	0.00
819	BHARTIYA RAIL BULGE COMPANY LTD.			0.00	0.00
820	NTPC MINING LTD.(NML)			0.00	0.00
821	THEC INDIA LTD.			0.00	0.00
822	NEEPCO LTD.			0.00	0.00
823	NTPC EDMC Waste Solutions Pvt Ltd.			0.00	0.00
824	NTPC Renewable Energy Ltd.			0.00	0.00
825	Ratnaji Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
826				0.00	0.00
827				0.00	0.00
828				0.00	0.00
829				0.00	0.00
830	SUB TOTAL			8.88	8.00
855	JOINT VENTURE COMPANIES			0.00	0.00
856	Usha Powerco Ltd.			0.00	0.00
857	NTPC Oil Power Services Pvt Ltd.			0.00	0.00
858	NTPC O&P Power Company Ltd.			0.00	0.00
859	NTPC Tamil Nadu Energy Company Ltd.			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

As at	No. of shares	Face value	31.03.2022	31.03.2021
000	Surgeh Gas & Power Pvt. Limited (SGPPL)		0.00	0.00
001	ARAVALI POWER COMPANY PRIVATE LTD.		0.00	0.00
002			0.00	0.00
003	NTPC BHEL POWER PROJECTS PRIVATE LTD.		0.00	0.00
004	BEJAJURIA SIGAM PRIVATE LIMITED		0.00	0.00
005	BP-NTPC ENERGY SYSTEMS LTD.		0.00	0.00
006			0.00	0.00
007	NARINADAPOWER GENERATING COMPANY LTD.		0.00	0.00
008	TRANSFORMER AND ELECTRICAL KOPALA LTD.		0.00	0.00
009	NATIONAL HIGH POWER TEST LABORATORY PRIVATE LTD.		0.00	0.00
010			0.00	0.00
011	CL-NTPC URJA PRIVATE LTD.		0.00	0.00
012	ANUSHAKTI VIDYUT NIGAM LTD.		0.00	0.00
013	ENERGY EFFICIENCY SERVICES LTD.		0.00	0.00
014			0.00	0.00
015	TRINCOMALEE POWER COMPANY LTD.		0.00	0.00
016	SANGLEDH AREA FRIENDSHIP POWER COMPANY (PVT.) LTD.		0.00	0.00
017	INDUSTRIAL ORGANISATION & RESEARCH LIMITED		0.00	0.00
018	KONKANACHELTD.		0.00	0.00
001	SUB TOTAL		0.00	0.00
109	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS		0.00	0.00
110	TOTAL NET OF IMPAIRMENT OF JV		0.00	0.00
111	Gross Total of Investments		0.00	0.00
104	Total		0.00	0.00
120	Details of Investments		0.00	0.00
108	Applicable amount of Goodwill Investments		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-INVESTMENTS IN SUBSIDIARIES & JOINT VENTURES

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
141				0.00	0.00
142				0.00	0.00
143				0.00	0.00
144				0.00	0.00
145				0.00	0.00
153	Valuation of investments as per (B) (i)			0.00	0.00
154				0.00	0.00
202				0.00	0.00
203				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
001	Non-current financial assets (Investments)			0.00	0.00
005	Long Term - Trade			0.00	0.00
007	Equity Instruments (fully paid up unless otherwise stated)			0.00	0.00
008	Quoted			0.00	0.00
005	JOINT VENTURE COMPANIES			0.00	0.00
010	PTC India Ltd			0.00	0.00
019	INTERNATIONAL COAL VENTURES PRIVATE LTD			0.00	0.00
075	SP-NTPC ENERGY SYSTEMS LTD			0.00	0.00
080				0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111	SUB TOTAL			0.00	0.00
112	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
110	TOTAL			0.00	0.00
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THEIR CO-OPERATIVE SOCIETY LTD KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THEIR CO-OPERATIVE SOCIETY LTD RAIPUR			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS CO-OPERATIVE SOCIETY LTD TANMUKH			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS CO-OPERATIVE SOCIETY LTD VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS CO-OPERATIVE SOCIETY LTD ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS CO-OPERATIVE SOCIETY LTD KAVAS			0.00	0.00
152	NTPC Employee Consumer Cooperative Society Ltd Korba			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Non-current financial assets - Trade receivables	0.00	0.00
002 UNSECURED / CONSIDERED GOOD	0.00	0.00
003 CREDIT IMPAIRED	0.00	0.00
004	0.00	0.00
005	0.00	0.00
006 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 9 TO THE FS-NCA-LOANS
(Amount in ₹)

As at	31.03.2022	31.03.2021
001 LOANS (NON CURRENT)	0.00	0.00
004 RELATED PARTIES	0.00	0.00
005 SECURED	0.00	0.00
006 UN-SECURED	0.00	0.00
007 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008 CREDIT IMPAIRED	0.00	0.00
009	0.00	0.00
010 EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011 SECURED	115,049,677.67	95,730,973.69
012 UNSECURED	70,542,235.84	64,846,284.14
013 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014 CREDIT IMPAIRED	0.00	0.00
015 LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016 SECURED	31,192,782.88	28,436,411.95
017 UNSECURED	11,569,138.24	11,628,404.16
018 LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019 OTHERS	0.00	0.00
020 SECURED	0.00	0.00
021 UNSECURED	0.00	0.00
022 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023 CREDIT IMPAIRED	0.00	0.00
024 LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
025 SUB TOTAL	142,629,992.39	120,512,441.72
026	0.00	0.00
027 TOTAL	142,629,992.39	120,512,441.72
028	0.00	0.00
029	0.00	0.00
030 Due from Directors and Officers of the Company	0.00	0.00
031 Directors	0.00	0.00
032 Officers	0.00	0.00
033	0.00	0.00
034 Loans to related parties include:	0.00	0.00
035 i)Key management personal	0.00	0.00
036 ii)Subsidiary companies	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)Others	0.00	0.00
039	0.00	0.00
054 Other loans represent loans given to	0.00	0.00
055 a) APIIC	0.00	0.00
060	0.00	0.00
061 RPD	0.00	0.00
062 i)Key management personal	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2022	31.03.2021
063 i)Subsidiary companies	0.00	0.00
064 ii)Joint Venture companies	0.00	0.00
065 iv)Others	0.00	0.00
066 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bheriya Rai Bijlee Company Ltd.	0.00	0.00
009 Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010 NTPC Mining Limited.	0.00	0.00
011 THDC Ltd.	0.00	0.00
012 NEEPCO Ltd.	0.00	0.00
013	0.00	0.00
014 Total	0.00	0.00
015 Share application money pending allotment (Joint Venture)	0.00	0.00
016 Utility Powertech Ltd.	0.00	0.00
017 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018 NTPC-SAIL Power Company Ltd.	0.00	0.00
019 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021 Acwaji Power Company Private Ltd.	0.00	0.00
022	0.00	0.00
023 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024 Moja Urja Nigam Private Limited	0.00	0.00
025 BF-NTPC Energy Systems Ltd.	0.00	0.00
026 Anushakti Vidyut Nigam Ltd.	0.00	0.00
027 Nabinagar Power Generating Company Ltd.	0.00	0.00
028 Energy Efficiency Services Ltd.	0.00	0.00
029 National High Power Test Laboratory Private Ltd.	0.00	0.00
030	0.00	0.00
031 CIL, NTPC Urja Private Ltd.	0.00	0.00
032 Trincomalee Power Company Ltd.	0.00	0.00
033 Hindustan Urvarak & Rasayan Limited	0.00	0.00
034 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035 Sub Total	0.00	0.00
036	0.00	0.00
037 Claims Recoverable	0.00	13,759,032.00
038 Finance Lease Recoverable	0.00	0.00
039 Mine Closure Deposit	0.00	0.00
041 Total	0.00	13,759,032.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

(Amount in ₹)

As at	31.03.2022	31.03.2021
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MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 SECURED	0.00	0.00
005 Unsecured	0.00	0.00
006 COVERED BY BANK GUARANTEE	100,022,393.60	171,347,168.97
007 OTHERS	389,300,096.44	305,400,829.63
008 CONSIDERED DOUBTFUL	0.00	0.00
009 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010 Sub-Total	489,322,490.04	476,747,998.60
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 SECURITY DEPOSITS	71,701,591.00	71,069,600.00
019 Advances to Related parties	0.00	0.00
022 Advances to Contractors & Suppliers	0.00	0.00
023 SECURED	0.00	0.00
024 UNSECURED	0.00	0.00
025 CONSIDERED DOUBTFUL	0.00	0.00
026 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027 Sub Total	71,701,591.00	71,069,600.00
028 RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
039 ADVANCE TAX & TAX DEDUCTED AT SOURCE	2,393,725.31	1,289,477.63
040 LESS - PROVISION FOR CURRENT TAX	0.00	0.00
041	0.00	0.00
042 Sub Total	2,393,725.31	1,289,477.63
043 DEFERRED PAYROLL EXPENSES (SECURED)	23,987,129.31	23,156,162.62
044 DEFERRED PAYROLL EXPENSES (UNSECURED)	8,802,359.84	8,846,692.62
045 Sub Total	32,789,489.15	32,002,855.24
046 DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	2,276,642,000.00	3,512,479,000.00
048 Total	2,874,749,295.50	4,093,588,931.47
049	0.00	0.00
050	0.00	0.00
061 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
063	0.00	0.00
064 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
065	0.00	0.00
066 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
067 Aravali Power Company Private Ltd.	0.00	0.00
068 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
069 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
070 Meja Urja Nigam Private Limited	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
071 Nabinagar Power Generating Company Ltd.	0.00	0.00
072 National High Power Test Laboratory Private Ltd.	0.00	0.00
074 CIL, NTPC Uija Private Ltd.	0.00	0.00
076	0.00	0.00
077 Related Party (Adv)	0.00	0.00
078 Key Management personnel	0.00	0.00
079 Subsidiary companies	0.00	0.00
080 Joint Venture companies	0.00	0.00
081 Contractors	0.00	0.00
082 Others	0.00	0.00
084	0.00	0.00
085 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 12 TO THE FS-CA-INVENTORIES

(Amount in ₹)

	As at 31.03.2022	31.03.2021
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	791,551,308.52	4,134,870,816.47
004 Fuel oil	321,759,133.02	162,257,119.37
005 Naphtha	0.00	0.00
006 Stores and spares	2,429,096,381.26	2,075,039,403.13
007 Chemicals & consumables	104,929,735.01	78,132,872.28
008 Loose tools	4,847,437.29	3,679,002.40
009 Steel Scrap	22,632,892.27	15,387,547.82
010 Others	322,359,676.83	270,939,355.33
011 Sub Total	3,997,176,364.20	6,740,306,216.80
012 Less: Provision for shortages	3,237,911.00	3,120,576.00
013 Less: Provision for obsolete/ unservicable/diminution in value of surplus inventory	725,946.06	534,647.45
014	0.00	0.00
015 Total	3,993,212,505.14	6,736,650,793.35
016 Inventories include material in transit	0.00	0.00
017 Coal	202,659,968.00	1,359,747,368.00
018 Fuel oil	0.00	0.00
019 Naphtha	0.00	0.00
020 Stores and spares	5,381,494.38	16,032,794.00
021 Chemicals & consumables	1,201,767.10	4,611,376.00
022 Loose tools	0.00	0.00
023 Others	881,922.47	0.00
024	0.00	0.00
025 Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 13 TO THE FS-CA-INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2022	31.03.2021
001	CURRENT INVESTMENTS			6.00	6.00
002	(Valuation as per Note 1)			6.00	6.00
003				0.00	0.00
003	Investment in Mutual Funds (Details as under)			0.00	0.00
004	00-Balaram Auto Cash Fund-DDR			0.00	0.00
005	001 Premier Liquid Fund Super-IP-DDR			0.00	0.00
006	001-001 Ultra Short Term Fund-IP-DDR			0.00	0.00
007	UTI Money Market-IP-Direct-Growth			0.00	0.00
008	001 Liquid (acc)-Direct-Growth			0.00	0.00
009	00100 Roboto Liquid Fund Super-IP-DDR			0.00	0.00
040	00100 Roboto Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	001 Liquid Fund-DDR			0.00	0.00
042	001 Premier Liquid Fund Direct-DDR (acc Fund)			0.00	0.00
043	UTI Credit CashPlan-IP-DDR (acc Fund)			0.00	0.00
044	001 Liquid Fund - DDR - (acc Fund)			0.00	0.00
045	00100 Liquid Fund - Direct - Growth			0.00	0.00
046	Sub Total			0.00	0.00
047				0.00	0.00
052	Unquoted Investments			0.00	0.00
054				0.00	0.00
066	TOTAL			6.00	6.00
067				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured, Considered Good	0.00	0.00
004 Unsecured, considered good	0.00	277,873.56
005 Credit impaired	0.00	0.00
006 Unbilled Revenue	0.00	0.00
007 Sub-Total	0.00	277,873.56
008 Total	0.00	277,873.56
009 Less: Allowance for credit impaired receivables	0.00	0.00
010 Total	0.00	277,873.56
012 Less: Discorn Clearing	0.00	0.00
013 Grand Total	0.00	277,873.56
014 * After adjustment for Unbilled Revenue	0.00	0.00
015 Long-term trade receivables	0.00	0.00
016 TCS Clearing	0.00	0.00
017 Discorn Clearing	0.00	0.00
228 Trade Receivable	0.00	0.00
230 Not due	0.00	0.00
231 Due	0.00	0.00
232 (i) Undisputed Trade receivables # considered good	0.00	277,873.56
233 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234 (iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235 (iv) Disputed Trade Receivables#considered good	0.00	0.00
236 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238 Unbilled	0.00	0.00
239 Total	0.00	277,873.56
240	0.00	0.00
241 (i) Undisputed Trade receivables # considered good	0.00	0.00
242 Less than 6 months	0.00	150,233.56
243 6 months - 1 year	0.00	65,936.00
244 1-2 years	0.00	12,248.00
245 2-3 years	0.00	0.00
246 More than 3 years	0.00	49,456.00
247 Sub Total (i)	0.00	277,873.56
248 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
249 Less than 6 months	0.00	0.00
250 6 months - 1 year	0.00	0.00
251 1-2 years	0.00	0.00
252 2-3 years	0.00	0.00
253 More than 3 years	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
254 Sub Total (II)	0.00	0.00
255 (iv) Disputed Trade Receivables if considered good	0.00	0.00
256 Less than 6 months	0.00	0.00
257 6 months -1 year	0.00	0.00
258 1-2 years	0.00	0.00
259 2-3 years	0.00	0.00
260 More than 3 years	0.00	0.00
261 Sub Total (IV)	0.00	0.00
262 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
263 Less than 6 months	0.00	0.00
264 6 months -1 year	0.00	0.00
265 1-2 years	0.00	0.00
266 2-3 years	0.00	0.00
267 More than 3 years	0.00	0.00
268 Sub Total (V)	0.00	0.00
269 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
270 Less than 6 months	0.00	0.00
271 6 months -1 year	0.00	0.00
272 1-2 years	0.00	0.00
273 2-3 years	0.00	0.00
274 More than 3 years	0.00	0.00
275 Sub Total (VI)	0.00	0.00
276 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	0.00	819,626.71
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
010 Total	0.00	819,626.71

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹)

As at	31.03.2022	31.03.2021
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006	0.00	0.00
007 Total	0.00	0.00
008	0.00	0.00
009 Earmarked balances with banks consist of :	0.00	0.00
010 Unpaid dividend account balance	0.00	0.00
011 Towards public deposit repayment reserve	0.00	0.00
012 Towards redemption of bonds due for repayment within one year	0.00	0.00
013 Security with Government/other authorities	0.00	0.00
014 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
015 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
016 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
017 Deposits with original maturity upto three months as per court orders	0.00	0.00
018 Payment Security Scheme of MNRE NSM (NTPC)	0.00	0.00
019 Payment Security Scheme of MNRE NSM (NVTN)	0.00	0.00
020 Enforcement Directorate of Solar Plant(NVTN)	0.00	0.00
021 Bank guarantee Fund of MNRE (NVTN)	0.00	0.00
022 Others	0.00	0.00
023 Margin Money	0.00	0.00
024	0.00	0.00
025	0.00	0.00
026 Sub-total	0.00	0.00
030 Total	0.00	0.00
031	0.00	0.00
032 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
033 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
034 Earmarked bank balances (current account)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Current financial assets - Loans	0.00	0.00
002 Loans (current)-including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
008	0.00	0.00
010 Employees	0.00	0.00
011 Secured	17,734,816.37	14,956,148.23
012 Unsecured	41,552,674.70	35,170,047.16
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less : Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
025 Total (Loans)	59,287,491.07	50,126,195.39
026	0.00	0.00
027 Due from Directors and Officers of the Company	0.00	0.00
028 Directors	0.00	0.00
029 Officers	0.00	0.00
030	0.00	0.00
031 Loans to related parties include:	0.00	0.00
032 i)Key management personal	0.00	0.00
033 ii)Subsidiary companies	0.00	0.00
034 KBUNL	0.00	0.00
035 RGPPL	0.00	0.00
036 NVVN	0.00	0.00
037 iii)Joint Venture companies	0.00	0.00
038 iv)Others	0.00	0.00
038	0.00	0.00
039 RPD	0.00	0.00
040 i)Key management personal	0.00	0.00
041 ii)Subsidiary companies	0.00	0.00
042 iii)Joint Venture companies	0.00	0.00
043 iv)Others	0.00	0.00
044	0.00	0.00
045 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	-48,608.15	6,201.36
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	5,318,912.00	2,465,206.50
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	5,270,303.85	2,471,407.86
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	79,650.00	54,090,027.00
048 Considered Doubtful	0.00	0.00
049 Less: Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Contract Asset- Revenue	2,452,320.86	2,452,320.86
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
056 Mine Closure Deposit	0.00	0.00
056 Other Accrued Income	0.00	0.00
059 Secured, Considered Good	0.00	0.00
060 Unsecured, considered good	5,823,988.21	3,259,901.09
061 Credit impaired	0.00	0.00
062 Sub-Total	5,823,988.21	3,259,901.09
063 Less: Allowance for credit impaired receivables	0.00	0.00
064 Total	5,823,988.21	3,259,901.09
065	0.00	0.00
066 Others*	0.00	0.00
067 Total	13,626,262.92	62,273,656.81
068 * Other include amount recoverable from contractors and other parties, towards hire charges, rent/electricity etc.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
069 Advances to related parties include:	0.00	0.00
070 i)Key management personal	0.00	0.00
071 ii)Subsidiary companies	0.00	0.00
072 iii)Joint Venture companies	0.00	0.00
073 iv)Contractors	0.00	0.00
074 v)Others	0.00	0.00
075	0.00	0.00
076 Advances include amount due from the following: Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
077	0.00	0.00
078 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
079 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
080 Aravali Power Company Private Ltd.	0.00	0.00
081 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00
082 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
083 Moja Urja Nigam Private Limited	0.00	0.00
084 Nabinagar Power Generating Company Ltd.	0.00	0.00
085 National High Power Test Laboratory Private Ltd.	0.00	0.00
086 International Coal Ventures Private Ltd.	0.00	0.00
087 CIL NTPC Urja Private Ltd.	0.00	0.00
089 Bangladesh-India Friendship Power Co. Pvt Ltd	0.00	0.00
090 TCS Clearing	0.00	0.00
091 Related Party (Adv)- Employee	0.00	0.00
092 Related Party (Adv)- Subsidiaries	0.00	0.00
093 Related Party (Adv)- Joint Ventures	0.00	0.00
094 Related Party (Adv)- Contractors	0.00	0.00
095 Related Party (Adv)- Others	-48,608.15	6,201.36
096	0.00	0.00
097	0.00	0.00
098	0.00	0.00
099	0.00	0.00
100 Total	-48,608.15	6,201.36

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	212,068,965.00	185,842,897.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	0.00	0.00
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	293,284.00	200,000.00
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	1,321,280,623.51	974,476,463.77
019 Considered Doubtful	1,700,000.00	1,700,000.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	36,237,176.50	37,832,357.00
024 Considered Doubtful	0.00	0.00
025 Less: Allowance for bad & doubtful advances	1,700,000.00	1,700,000.00
026 Receivable from MCP Escrow A/c	0.00	0.00
027 Deferred Payroll Expenses (Secured)	2,365,311.02	2,283,277.29
028 Deferred Payroll Expenses (Unsecured)	2,890,686.76	2,743,968.83
029 Sub-total	5,255,997.78	5,027,246.12
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	58,126.00	556,848.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	3,097,794,203.79	2,274,682,979.30
036 Considered Doubtful	0.00	0.00
037 Less: - Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041 Assets Held for Disposal	0.00	0.00
042 Others	186,673.00	649,364.97
043	0.00	0.00
044 Total (Other Current Assets)	4,673,175,230.48	3,459,268,156.16
045 **Include Prepaid Expenses	36,229,174.50	37,824,355.00
046 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2022	31.03.2021
047 *Includes deposited with courts	0.00	0.00
048 *Includes deposited with LIC for annuity payments	0.00	0.00
049 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
050 Other include amount recoverable from contractors and other parties towards fire charges, rent/electricity etc.	0.00	0.00
052 Advances to related parties include:	0.00	0.00
053 i)Key management personnel	0.00	0.00
054 ii)Subsidiary companies	0.00	0.00
055 iii)Joint Venture companies	0.00	0.00
056 Contractors	0.00	0.00
057 Others	0.00	0.00
058	0.00	0.00
059 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
060	0.00	0.00
061	0.00	0.00
062 Related Party (Adv)- Employee	0.00	0.00
063 Related Party (Adv)- Subsidiaries	0.00	0.00
064 Related Party (Adv)- Joint Venture	0.00	0.00
065	0.00	0.00
066	0.00	0.00
067 Total	0.00	0.00
068	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 On account of Exchange Differences	196,644,258.15	303,500,799.49
002 On account of employee benefit exp	129,457,101.00	129,457,101.00
003 Regulatory deferred account - deferred	0.00	0.00
004 Deferred asset for ash transportation	1,825,137,211.38	1,236,786,167.50
005 Deferred asset for Arbitration Award	0.00	0.00
007 Total	2,151,238,570.53	1,669,834,067.99

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 10,000,000,000 equity shares of Rs. 10/- each (Previous year 10,000,000,000 eq shares of Rs. 10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,69,66,06,134 equity shares of Rs. 10/- (Fv. Year 9,894,557,280 equity shares of Rs. 10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs. 10/- each as fully paid bonus shares	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India(CICI) Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY
(Amount in ₹)

As at	31.03.2022	31.03.2021
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add: Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 SUB-TOTAL	0.00	0.00
011	0.00	0.00
017	0.00	0.00
016 SECURITIES PREMIUM ACCOUNT	0.00	0.00
019 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020 ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021 LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022 SUB-TOTAL	0.00	0.00
023 BONDS REDEMPTION RESERVE	0.00	0.00
024 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025 ADD: TRANSFER FROM SURPLUS	0.00	0.00
026 LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028 SUB-TOTAL	0.00	0.00
029 CAPITAL REDEMPTION RESERVE	0.00	0.00
030 As per last financial statements	0.00	0.00
031 Add: Transfer from Surplus	0.00	0.00
032 Less: Transfer to surplus on redemption	0.00	0.00
033 Less: Adjustments during the year/ period	0.00	0.00
034 Sub-Total	0.00	0.00
035 Share Application money pending Allotment	0.00	0.00
036 As per last financial statements	0.00	0.00
037 Add: Addition during the year	0.00	0.00
038 Less: Utilised for allotment during the year	0.00	0.00
039 Less: Adjustments during the year/ period	0.00	0.00
040 SUB-TOTAL	0.00	0.00
046 FLY-ASH UTILISATION RESERVE FUND	0.00	0.00
047 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
048 TRANSFERRED TO CC	0.00	0.00
049 ADD:TRANSFER FROM REVENUE FROM OPERATIONS	3,031,647.10	2,958,265.00
050 ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051 LESS: UTILISED DURING THE YEAR	0.00	0.00
052 TANGIBLE ASSETS	0.00	0.00
053 EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054 GENERATION,ADMN. AND OTHER EXPENSES	3,031,647.10	2,958,265.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2022	31.03.2021
055 TAX EXPENSES	0.00	0.00
056 SUB-TOTAL	0.00	0.00
057 Self Insurance Reserve	0.00	0.00
058 As per last financial statements	0.00	0.00
059 Add: Addition during the year	0.00	0.00
060 Less: Utilised for allotment during the year	0.00	0.00
061 Less: Adjustments during the year/ period	0.00	0.00
062 SUB-TOTAL	0.00	0.00
063 SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
064 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065 ADD: ADDITION DURING THE YEAR	0.00	0.00
066 LESS: UTILISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068 SUB-TOTAL	0.00	0.00
069 CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE	0.00	0.00
070 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071 ADD : TRANSFER FROM SURPLUS	0.00	0.00
072 LESS -WRITE BACK DURING THE YEAR	0.00	0.00
073 SUB-TOTAL	0.00	0.00
074 GENERAL RESERVE	0.00	0.00
075 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076 ADD: TRANSFER FROM SURPLUS	0.00	0.00
077 LESS: TRANSFER TO SURPLUS	0.00	0.00
078 LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079 LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080 SUB-TOTAL	0.00	0.00
081	0.00	0.00
082 RETAINED EARNINGS	0.00	0.00
083 AS PER LAST FINANCIAL STATEMENTS	37,290,858,353.64	29,753,187,942.23
084 ADD/LESS: -CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085 ADD/LESS) -PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	9,276,817,707.46	7,537,670,411.41
087 ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088 ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089 ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090 ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091 ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093 LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2022	31.03.2021
094 LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095 LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096 LESS: TRANSFER TO CAPITAL RESERVE	0.00	0.00
097 LESS: TRANSFER TO CSR RESERVE	0.00	0.00
098 LESS: TRANSFER TO GENERAL RESERVE	0.00	0.00
099 LESS: INTERIM DIVIDEND PAID	0.00	0.00
100 LESS: TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101 LESS: FINAL DIVIDEND PAID	0.00	0.00
102 LESS: TAX ON FINAL DIVIDEND PAID	0.00	0.00
103 LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104 LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105 SUB-TOTAL	46,567,676,061.10	37,290,656,353.64
110	0.00	0.00
111 REMEASUREMENT OF DEFINED BENEFIT PLANS	0.00	0.00
112 AS PER LAST FINANCIAL STATEMENTS	-88,384,379.63	-77,067,759.15
113 ADD/(LESS) - ACTUARIAL GAINS/LOSS THROUGH OCI	-5,143,822.05	-11,316,620.48
114 SUB-TOTAL	-93,528,201.68	-88,384,379.63
115	0.00	0.00
116 FVTOCI Reserve	0.00	0.00
117 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118 ADD/(LESS) - NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119 Sub-Total	0.00	0.00
120	0.00	0.00
121 Total Other equity	46,474,147,859.42	37,202,473,974.01
122	0.00	0.00
123	0.00	0.00
124	0.00	0.00
125	0.00	0.00
126	0.00	0.00
127	0.00	0.00
128	0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

(Amount in ₹)

As at	31.03.2022	31.03.2021
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MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
2A)		
012 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013 7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015 8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020 8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021 8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022 7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023 7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024 7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026 9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second issue - private placement)	0.00	0.00
027 8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030 9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031 8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032 8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033 8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034 8.73% Secured non-cumulative	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035 9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)II	0.00	0.00
036 8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037 7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 03 May 2022 (69th Issue - Private Placement)	0.00	0.00
038 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021.	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS**

(Amount in ₹)

As at	31.03.2022	31.03.2021
(Fifty Ninth Issue - Private Placement).		
042 8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)III	0.00	0.00
043 8.16% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044 8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045 8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046 11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual instalments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047 7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048 8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049 7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

	As at	31.03.2022	31.03.2021
	on 12th January 2019 (Nineteenth issue - private placement)ii		
050	11% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)iii	0.00	0.00
051	9.3473% Secured non-cumulative non-convertible redeemable taxable bonds of ₹15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)Vii	0.00	0.00
052	9.4376% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)Vii	0.00	0.00
053	8.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue -private placement)ii	0.00	0.00
054	9.2573% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)iii	0.00	0.00
055	9.6713% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth Issue - private placement)]]]		
060 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)]]]	0.00	0.00
061 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)]]]	0.00	0.00
062 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)]]]	0.00	0.00
063 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
private placement)III		
065 9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066 8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067 8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068 8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069 7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)IV	0.00	0.00
070 7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VIII	0.00	0.00
072 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue - Part A - private placement)VIII	0.00	0.00
075	0.00	0.00
076	0.00	0.00
077 Sub Total	0.00	0.00
078 Unsecured	0.00	0.00
079 6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080 6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
081 5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00
082 6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
full on 27 January 2031 (Seventy Third Issue - Private Placement)		
083 6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
084 6.69% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
085 6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
086	0.00	0.00
087	0.00	0.00
088	0.00	0.00
089 Sub-total	0.00	0.00
090 Total	0.00	0.00
091 Foreign Currency Notes-Unsecured	0.00	0.00
092 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
093 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
094 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
095 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
096 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
097 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
098 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
099 5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
100 3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
101	0.00	0.00
102	0.00	0.00
103	0.00	0.00
104 Sub Total	0.00	0.00
105 Term Loans	0.00	0.00
106 From Banks	0.00	0.00
107 Secured	0.00	0.00
108 Rupen Loans	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
109 Unsecured	0.00	0.00
110 Foreign Currency Loans	0.00	0.00
111 Rupee Loans	0.00	0.00
112 From Others	0.00	0.00
113 Secured	0.00	0.00
114 Rupee Loans	0.00	0.00
115 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
116 Unsecured	0.00	0.00
117 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
118 Other Foreign currency loans	0.00	0.00
120 Rupee Loans	0.00	0.00
121 Deposits	0.00	0.00
122 Unsecured	0.00	0.00
123 Fixed Deposits	0.00	0.00
124 Others	0.00	0.00
125 Unsecured	0.00	0.00
126 Bonds Application Money Pending Allotment	0.00	0.00
127 Sub-total	0.00	0.00
128 Total	0.00	0.00
129 Less:- Interest accrued but not due on secured borrowings	0.00	0.00
130 Less:- Interest accrued but not due on unsecured borrowings	0.00	0.00
131 Less:- Current maturities of long term borrowings	0.00	0.00
132 Bonds-Secured	0.00	0.00
133 Fixed Rate Notes	0.00	0.00
135 Foreign currency loans from Banks- unsecured	0.00	0.00
136 Rupee loans from banks- Secured	0.00	0.00
137 Rupee loans from banks- unsecured	0.00	0.00
138 Rupee Term loan from Others - Secured	0.00	0.00
139 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
140 Other foreign currency loans from others- unsecured	0.00	0.00
141 Rupee loans from others- unsecured	0.00	0.00
142	0.00	0.00
143	0.00	0.00
144	0.00	0.00
145	0.00	0.00
146	0.00	0.00
147	0.00	0.00
148	0.00	0.00
149	0.00	0.00
150	0.00	0.00
151	0.00	0.00
200 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23A TO THE FS-NCL-LEASE BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Non-current financial liabilities - Lease liabilities	0.00	0.00
002 Lease liabilities	0.00	0.00
003 Long term maturities of Finance Lease Liabilities (Secured) X	0.00	0.00
004 Long term maturities of Finance Lease Liabilities (Unsecured) X	0.00	0.00
005 Sub-Total	0.00	0.00
006 Less: current maturities of lease liabilities	0.00	0.00
007 Finance Lease obligations - secured	0.00	0.00
008 Finance Lease obligations - unsecured	0.00	0.00
009 Sub-Total	0.00	0.00
010 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 TRADE PAYABLES(NON CURRENT)	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	4,471,818.00	1,017,985.60
004 - Others	11,680,755.92	3,215,424.89
005	0.00	0.00
006 Total	16,152,573.92	4,233,410.49

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

	As at	31.03.2022	31.03.2021
001	OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	798,581.02	270,357.68
004	- Others	559,207,557.05	18,184,021.26
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	Total	560,007,538.07	18,464,378.94

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 26 TO THE FS-NCL-PROVISIONS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
006	0.00	0.00
007 Others	0.00	0.00
008 i) Mine Closure Provision	0.00	0.00
009 Opening Balance	0.00	0.00
010 Additions during the year	0.00	0.00
011 Amounts adjusted during the year	0.00	0.00
012 Amounts reversed during the year	0.00	0.00
013 Closing Balance	0.00	0.00
014	0.00	0.00
015 ii) Stripping Activity Adjustments	0.00	0.00
016 Opening Balance	0.00	0.00
017 Additions during the year	0.00	0.00
018 Amounts adjusted during the year	0.00	0.00
019 Amounts reversed during the year	0.00	0.00
020 Closing Balance	0.00	0.00
021	0.00	0.00
024	0.00	0.00
025 TOTAL	0.00	0.00

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

As at	Open Balance on 01.04.2021	Addition	Closing Balance on 31.03.2022
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Unabsorbed Depreciation	0.00	0.00	0.00
006 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007 Others	0.00	0.00	0.00
008 Opening Balance	0.00	0.00	0.00
009 Additions during the year	0.00	0.00	0.00
010 Amounts adjusted during the year	0.00	0.00	0.00
011 Amounts reversed during the year	0.00	0.00	0.00
012 Closing Balance	0.00	0.00	0.00
013 MAT credit entitlement	0.00	0.00	0.00
014 Total	0.00	0.00	0.00
015 Total	0.00	0.00	0.00
016 Breakup of deferred tax assets	0.00	0.00	0.00
017 Provision	0.00	0.00	0.00
018 Statutory dues	0.00	0.00	0.00
019 Leave encashment	0.00	0.00	0.00
020 Others	0.00	0.00	0.00
021	0.00	0.00	0.00
022	0.00	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004 Grants	56,194,465.00	60,345,593.00
005 TOTAL	56,194,465.00	60,345,593.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-CL-BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Less: Unamortised discount on Commercial Papers	0.00	0.00
011 Sub-Total	0.00	0.00
012 Current maturity of long term borrowings	0.00	0.00
013 Bonds-Secured	0.00	0.00
014 Foreign Currency Fixed Rate Notes	0.00	0.00
015 From Banks	0.00	0.00
016 Secured	0.00	0.00
017 Rupee Term Loan	0.00	0.00
018 Foreign currency loans	0.00	0.00
019 Unsecured	0.00	0.00
020 Foreign currency loans	0.00	0.00
021 Rupee term loans	0.00	0.00
022 From Others	0.00	0.00
023 Secured	0.00	0.00
024 Rupee Term Loan	0.00	0.00
025 Unsecured	0.00	0.00
026 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027 Other foreign currency loans	0.00	0.00
028 Rupee term loans	0.00	0.00
029 Fixed deposits	0.00	0.00
031 Sub Total	0.00	0.00
032 TOTAL	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29A TO THE FS-CL-LEASE BORROWINGS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Current financial liabilities - Lease liabilities	0.00	0.00
002 Current maturity of finance lease obligations (secured)	0.00	0.00
003 Current maturity of finance lease obligations (unsecured)	0.00	0.00
004 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	194,041,820.12	191,945,603.14
004 - Others	5,065,456,162.49	3,578,351,755.50
005	0.00	0.00
006 Total	5,259,497,982.61	3,770,297,358.64
007	0.00	0.00
172 Trade payable	0.00	0.00
173 MSME	0.00	0.00
174 Unbilled	104,443,413.80	91,950,997.56
175 Not due	69,598,408.16	99,994,605.58
176 Due	0.00	0.00
177 Disputed	0.00	0.00
178 Undisputed	0.00	0.00
179	0.00	0.00
180 Sub-total (A)	194,041,821.96	191,945,603.14
181	0.00	0.00
182 Others	0.00	0.00
183 Unbilled	345,968,602.20	404,021,615.64
184 Not due	1,509,629,072.00	38,445,710.00
185 Due	3,206,380,136.00	3,135,884,429.86
186 Disputed	0.00	0.00
187 Undisputed	3,206,380,136.00	3,135,884,429.86
188	0.00	0.00
189 Sub-total (B)	5,061,978,010.20	3,578,351,755.50
190	0.00	0.00
191 Total	5,256,019,832.16	3,770,297,358.64
192	0.00	0.00
193 Ageing	0.00	0.00
194 MSME	0.00	0.00
195 Disputed	0.00	0.00
196 Less than 1 year	0.00	0.00
197 1-2 years	0.00	0.00
198 2-3 years	0.00	0.00
199 More than 3 years	0.00	0.00
200 Sub Total (I)	0.00	0.00
201	0.00	0.00
202 Undisputed	0.00	0.00
203 Less than 1 year	0.00	0.00
204 1-2 years	0.00	0.00
205 2-3 years	0.00	0.00
206 More than 3 years	0.00	0.00
207 Sub Total (II)	0.00	0.00
208	0.00	0.00
209 Total MSME (III)	0.00	0.00
210	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2022	31.03.2021
211 Others	0.00	0.00
212 Disputed	0.00	0.00
213 Less than 1 year	0.00	0.00
214 1-2 years	0.00	0.00
215 2-3 years	0.00	0.00
216 More than 3 years	0.00	0.00
217 Sub Total (IV)	0.00	0.00
218	0.00	0.00
219 Undisputed	0.00	0.00
220 Less than 1 year	2,610,771,592.00	2,490,016,767.91
221 1-2 years	94,780,609.64	509,696,006.32
222 2-3 years	456,966,251.00	19,026,321.00
223 More than 3 years	43,861,624.00	49,143,334.03
224 Sub Total (V)	3,206,380,136.64	3,135,884,429.86
225	0.00	0.00
226 Total Others (VI)	3,206,380,136.64	3,135,884,429.86

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
020	0.00	0.00
021 Interest accrued but not due on secured borrowings	0.00	0.00
022 Interest accrued but not due on unsecured borrowings	0.00	0.00
023 Unpaid Dividends*	0.00	0.00
024 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026 Unpaid bond refund money-Tax free bonds *	0.00	0.00
027 Book Overdraft	0.00	0.00
028 Payable to Customers	0.00	0.00
029 Liability under forward exchange contract	0.00	0.00
030 Hedging cost payable to beneficiaries	0.00	0.00
031 Derivative MTM Liability	0.00	0.00
032 Payable for Capital Expenditure	0.00	0.00
033 - Micro & Small Enterprises	118,514,759.22	139,350,604.48
034 - Others	5,869,253,707.53	5,959,615,295.62
035 Others Payables	0.00	0.00
036 Deposits from contractors and others	33,024,444.20	45,637,759.20
037 Gratuity Obligations	0.00	0.00
038 Payable to employees	8,328,786.00	4,569,907.98
039 Payable to holding company	0.00	0.00
040 Retention on A/c BG encashment (Solar)	0.00	0.00
041 Payable to Solar Payment Security Account	0.00	0.00
042 Others **	7,024,633.00	5,343,642.50
043 Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
044 Total	6,025,046,329.95	6,134,517,209.78
045 * Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
046 ** Include Payable to Hospital and other payable	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

	As at	31.03.2022	31.03.2021
001	OTHER CURRENT LIABILITIES	0.00	0.00
002	Advances from customers and others	1,000,302.93	1,358,703.22
003	Deferred discount on forward exchange contract	0.00	0.00
004	Tax deducted at source and other statutory dues	88,048,260.65	73,211,859.73
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	4,151,132.00	4,151,132.00
008	Total	93,199,695.58	78,721,694.95

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 33 TO THE FS-CL-PROVISIONS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations incidental to Land Acquisition	0.00	0.00
029 Opening balance	476,804,568.85	534,245,304.57
030 Additions during the year	0.00	0.00
031 Amounts paid during the year	71,358,286.06	57,440,735.72
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	405,446,282.79	476,804,568.85
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	3,656,105.33	1,418,822.86
044 Additions during the year	0.00	2,237,282.47
045 Amounts adjusted during the year	0.00	0.00
046 Amounts reversed during the year	0.00	0.00
047 Closing Balance	3,656,105.33	3,656,105.33
048 Provision for Arbitration	0.00	0.00
049 Opening balance	211,297,974.00	69,101,767.00
050 Additions during the year	32,203,326.00	142,196,207.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	2,298,692.00	0.00
053 Closing Balance	241,202,508.00	211,297,974.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
103 Total	660,304,896.12	691,758,648.18

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
006 Closing Balance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 35 TO THE FS-DEFERRED REVENUE

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Deferred Revenue	0.00	0.00
002 On account of advance against depreciation	0.00	0.00
003 On account of income from foreign currency fluctuation	3,494,574,000.00	3,510,066,000.00
004 Government grants	0.00	0.00
006 TOTAL	3,494,574,000.00	3,510,066,000.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003	0.00	0.00
004 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 37 TO THE FS-REVENUE FROM OPERATIONS

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
001 REVENUE FROM OPERATIONS	0.00	0.00
002 Sales	0.00	0.00
003 Energy Sales (including Electricity Duty)	88,679,117,265.18	44,504,511,111.10
004 Less : Advance against depreciation deferred (net)	0.00	0.00
005 Add: Revenue recognized out of advance against depreciation	0.00	0.00
006 Add : Exchange fluctuation receivables from customers	-1,529,786,000.00	-150,163,000.00
007 Sale of energy through trading	0.00	0.00
008 Commission (NVVN)	0.00	0.00
009 Sub total	67,149,331,265.18	44,354,348,111.10
010 Less: Rebate to customers	633,888,991.68	882,688,361.47
011 Energy Sales (Total)	66,515,462,273.50	43,471,649,749.63
012 Consultancy, project management and supervision fees	0.00	0.00
013 Lease rentals on assets on Operating lease	0.00	0.00
014 Sale of Captive Coal	0.00	0.00
015 Intra Company Elimination	0.00	0.00
017 Sub-total	0.00	0.00
016 Total - Sales	66,515,462,273.50	43,471,649,749.63
019 Sale of fly ash/ash products	3,031,647.10	2,558,265.00
020 Less: Transferred to fly ash utilisation reserve fund	-3,031,647.10	-2,558,265.00
021 Sub-total	0.00	0.00
022 Other Operating Income	0.00	0.00
023 Interest from customers	1,089,214.00	0.00
024 Energy Internally Consumed *	15,284,824.00	21,143,189.00
025 Interest income on Assets under finance lease	0.00	0.00
026 Recognized from deferred revenue - government grant	4,151,128.00	4,189,365.00
027 Provision written back- Tariff Adjustment	0.00	0.00
028 Income from Trading of ESCerts	0.00	0.00
029 Income from E-Mobility Business & others	0.00	0.00
030 Others	0.00	0.00
031 Total	66,535,987,439.50	43,496,982,273.63
040 * Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041 Excise duty on sale of flyash, cenosphere & ash products	0.00	0.00
042 Energy sales of principal nature (NVVN)	0.00	0.00
043 Energy sales of agency nature (NVVN)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
001 OTHER INCOME	0.00	0.00
002 Interest from	0.00	0.00
004 Financial assets at amortised cost	0.00	0.00
005 Government Securities (6.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006 Other Bonds	0.00	0.00
007	0.00	0.00
008 Interest from Government of India Securities-Non-Trade	0.00	0.00
009 Less: Amortization of premium	0.00	0.00
010 Sub Total	0.00	0.00
011 Interest from others	0.00	0.00
012 Loan to State Government in settlement of dues from customers	0.00	0.00
013 Loan to Subsidiary Companies	0.00	0.00
014 Loan to Employees	16,092,942.15	16,657,912.95
015 Deposit with banks	0.00	0.00
016 Foreign Banks	0.00	0.00
017 Interest from Contractors	0.00	1,354,893.00
018 Interest from Income Tax Refunds	0.00	0.00
019 Less: Refundable to Customers	0.00	0.00
020 Sub Total	0.00	0.00
021 Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022 Less: transferred to flyash utilisation reserve fund	0.00	0.00
023 Sub Total	0.00	0.00
024 Deposits with banks- DDUGJY funds	0.00	0.00
025 Interest from Contractors- DDUGJY funds	0.00	0.00
026 Transfer to DDUGJY-Advance from customers	0.00	0.00
027 Sub-total	0.00	0.00
030 Others	1,348,006.00	-3,309,033.00
031	0.00	0.00
032 Dividend from	0.00	0.00
033 Longterm investments in	0.00	0.00
034 Subsidiaries	0.00	0.00
035 Joint Ventures	0.00	0.00
036 Equity Instruments	0.00	0.00
037 Current investments in	0.00	0.00
038 Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039 Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040 Less: transferred to flyash utilisation reserve fund	0.00	0.00
041 Lease Rent # Ash Brick Plant	0.00	0.00
042 Less: transferred to flyash utilisation reserve fund	0.00	0.00
043 Other non-operating income	0.00	624.00
044 Profit on disposal of PPE	2,204.00	65,276.00
045 Profit on redemption of GOI securities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
046 Net gain on sale of investments	0.00	0.00
047 Surcharge received from customers	136,777,761.00	419,523,341.00
048 Hire charges for equipment	0.00	11,732.20
049 Gain on option contract / Discount on P.ExchContract	32,417,197.32	0.00
050 Provision written back-others	1,106,128.43	99,240.70
051 Fair value gain/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052 Interest from Solar payment security account	0.00	0.00
053 Less : Transferred to SPSA fund	0.00	0.00
054 Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055 Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056 Miscellaneous Income	389,601,612.52	46,578,693.21
057 Total	577,406,851.42	480,982,680.96
058 Less: Transferred to Development of Coal Mines- Note 43A	0.00	0.00
059 Less: Transferred to Expenditure during Construction period (net)- Note 43	-855.08	1,354,893.00
060 Less: Others	0.00	0.00
062 Total	577,406,796.50	479,627,787.96
063	0.00	0.00
064 Details of Miscellaneous Income	0.00	0.00
065 Vehicle Hire Charges	196,000.00	80,000.00
066 Sale of by products & residuals	0.00	0.00
067 Township recoveries (excl. Hospital Recoveries)	8,045,685.98	6,702,472.62
068 Depreciation written back	0.00	0.00
069 Sale of Scrap	15,763,436.55	21,344,163.04
070 Receipt under loss of profit policy	0.00	0.00
071 Receipts under MBD/Fire Policy	361,010,526.00	0.00
072 Management development programme	0.00	0.00
073 Management Fee - Misc (NVVN)	0.00	0.00
074 Others	4,585,979.99	16,472,057.55
075	0.00	0.00
076 Total (Miscellaneous Income)	389,601,612.52	46,578,693.21
077	0.00	0.00
078 Details of Provision written back others	0.00	0.00
079 Doubtful debts	0.00	0.00
080 Doubtful Loans, Advances and Claims	0.00	0.00
081 Doubtful Construction Advances	0.00	0.00
082 Shortage in Construction Stores	1,141,116.00	0.00
083 Shortage in Stores	0.00	0.00
084 Obsolescence in Stores	25,012.43	99,240.70
085 Unserviceable capital works	0.00	0.00
086 Other Obligation including Arbitration	0.00	0.00
087 Shortage in Fixed Assets	0.00	0.00



A Maharatna Company

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
068 Diminution in value of Investment	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38A TO THE FS--FUEL COST

(Amount in ₹)

	For the Year ended	31.03.2022	31.03.2021
001	FUEL COST	0.00	0.00
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	40,658,522,910.29	19,129,900,961.41
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	581,827,011.35	272,805,332.87
008	Biomass Pellets	124,612,462.44	71,659,439.40
009	Total	41,503,162,384.08	19,474,395,753.68
010		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-EMPLOYEE BENEFITS EXPENSE
(Amount in ₹)

	For the Year ended	31.03.2022	31.03.2021
001	EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002	Salaries and wages	1,157,310,121.31	999,350,893.07
003	Contribution to provident and other funds	146,052,370.76	121,724,162.83
004	Unwinding of deferred payroll expense	7,725,304.95	6,020,860.23
005	Staff welfare expenses	160,341,495.01	119,988,952.13
006	Less: Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	Sub Total	1,471,429,292.03	1,249,084,568.26
009	Less: Employee benefits expense allocated to fuel inventory	76,083,179.07	30,954,790.19
010	Less: Transferred/Allocated to development of coal mines	0.00	0.00
011	Less: Others	0.00	0.00
012	Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013	Less: Transferred to CSR Expenses	0.00	0.00
014	Reimbursements for employees on secondment	0.00	0.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	15,683,390.70	62,184,267.02
016	TOTAL	1,379,662,723.26	1,155,945,511.05
017	Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
018	Salaries and wages	0.00	0.00
019	Contribution to provident and other funds	0.00	0.00
020	Staff welfare expenses	0.00	0.00
021	Directors fee	0.00	0.00
022		0.00	0.00
023		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 40 TO THE FS-FINANCE COSTS

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
001 FINANCE COSTS	0.00	0.00
002 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003 Bonds	1,648,092,233.55	1,607,403,706.49
004 Government of India Loans	0.00	0.00
005 Foreign currency term loans	160,550,982.61	188,219,116.71
006 Rupee term loans	1,310,758,624.24	1,682,579,652.00
007 Public deposits	0.00	0.00
008 Foreign currency bonds/notes	767,469,311.79	1,150,680,938.54
009 Cash Credit	0.00	0.00
010 Unwinding of discount on account of vendor liabilities	2,090,818.86	16,881,947.65
011 Commercial Papers	0.00	0.00
012 Sub Total	3,887,861,971.05	4,645,665,451.40
013 Interest on non financial items	0.00	0.00
014 Other Borrowing Costs	0.00	0.00
015 Bonds servicing & public deposit exp.	2,004,147.09	1,985,012.63
016 Guarantee fee	0.00	0.00
017 Management fee	0.00	0.00
018 Commitment charges/exposure premium	967,962.49	0.00
019 Bond issue expenses	0.00	0.00
020 Legal exp on foreign currency loans	0.00	0.00
021 Foreign currency bonds/notes exp.	0.00	0.00
022 Up-front fee	0.00	0.00
023 Insurance premium on foreign currency loans	0.00	0.00
024	0.00	0.00
025 Others	0.00	0.00
026 Sub Total (Other Borrowing cost)	2,972,109.58	1,985,012.63
027	0.00	0.00
028 Exchange differences regarded as an adjustment to borrowing costs	-144,784,531.00	-3,058,864.00
029 Sub Total	3,746,069,549.63	4,644,791,600.03
030 Less: Transferred to Expenditure during construction period (net) - Note 43	-3,100,151.51	62,112,404.00
031 Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032	0.00	0.00
033 Total	3,749,169,701.14	4,582,679,196.03

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES

(Amount in ₹)

	31.03.2022	31.03.2021
For the Year ended		
001 Depreciation and amortization expenses	0.00	0.00
002 On property, plant and equipment- Note 2	8,303,417,174.33	8,068,086,165.36
003 On intangible assets- Note 4	3,332,240.99	3,159,219.00
004 Sub-total	8,306,749,415.32	8,071,245,384.36
005 Less:	0.00	0.00
006 Allocated to fuel inventory	477,645,071.96	216,205,922.65
007 Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
008	0.00	0.00
009 Transferred/Allocated to development of coal mines	0.00	0.00
010 Adjustment with deferred revenue from deferred foreign currency fluctuation	311,361,000.00	306,298,000.00
011	0.00	0.00
012 Total	7,517,543,343.36	7,546,741,461.71

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
001 OTHER EXPENSES	0.00	0.00
002 Power charges	20,587,674.00	21,145,669.00
003 Less: Recovered from contractors & employees	14,485,557.84	10,418,641.48
004 Sub-Total(Power Charges)	6,102,116.16	10,727,247.52
005 Water charges	259,428,111.00	221,885,198.00
006 Stores consumed	138,022,858.80	82,572,956.54
007 Rent	534,600.00	0.00
008 Less Recoveries	0.00	0.00
009 Sub-Total (Rent)	534,600.00	0.00
010 Cost of captive coal produced	0.00	0.00
011 Repairs & maintenance	0.00	0.00
012 Buildings	88,197,736.32	77,315,263.10
013 Plant & machinery	0.00	0.00
014 Power stations	1,726,438,220.81	1,616,762,685.77
015 Construction equipment	13,611,342.06	9,063,487.05
016 Others	73,779,341.18	143,857,829.95
017 Sub-total (Repairs & maintenance)	1,902,226,640.17	1,847,019,265.87
018 Load Dispatch Center Charges	6,636,669.00	6,096,033.00
021 Insurance	96,982,966.90	96,630,664.25
022 Interest to beneficiaries	468,841.00	0.00
023 Rates and taxes	60,096,237.30	51,000,146.28
024 Water cess & environment protection cess	29,040.00	11,619,345.00
025 Training & recruitment expenses	1,989,025.00	703,852.00
026 Less: Receipts	0.00	0.00
027 Sub-total (Training and recruitment expenses)	1,989,025.00	703,852.00
028 Communication expenses	15,950,411.09	17,719,032.18
029 Inland Travel	58,079,526.49	41,811,862.38
030 Foreign Travel	0.00	0.00
031 Tender expenses	25,399.00	0.00
032 Less: Receipt from sale of tenders	0.00	46,870.00
033 Sub-total (Tender expenses)	25,399.00	-46,870.00
034 Payment to auditors	0.00	0.00
035 Audit fee	0.00	0.00
036 Tax audit fee	0.00	0.00
037 Other services	0.00	0.00
038 Reimbursement of expenses	9,970.00	0.00
039 Sub-total (Payment to Auditors)	9,970.00	0.00
040 Advertisement and publicity	1,713,202.00	1,386,629.40
041 Electricity duty	0.00	0.00
042 Security expenses	214,960,887.08	203,885,044.01
043 Entertainment expenses	14,422,683.44	11,745,156.88
044 Expenses for guest house	25,203,227.00	22,741,599.00
045 Less Recoveries	1,253,049.60	741,117.00
046 Sub-Total (Guest house expenses)	23,950,177.40	22,000,482.00
047 Education expenses	2,065,570.00	0.00
049 Donations	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
050 Ash utilisation & marketing expenses	606,687,959.71	395,151,160.92
051 Directors sitting fee	0.00	0.00
053 Professional charges and consultancy fees	3,735,709.00	4,519,990.00
054 Legal expenses	11,312,945.00	14,048,280.00
055 EDP hire and other charges	2,875,299.97	1,158,474.03
056 Printing and stationery	2,053,706.00	1,263,917.60
057 Oil & gas exploration expenses	0.00	0.00
059 Hiring of vehicles	22,611,615.19	17,592,943.59
061 Reimbursement of L.C charges on sales realisation	0.00	0.00
062	0.00	0.00
063 Cost of Hedging	0.00	815,000.00
064 Derivatives MTM loss/gain (Net)	0.00	0.00
065 Net loss/(gain) in foreign currency transactions & translations	54,412,508.78	110,591,302.41
066 Transport Vehicle running expenses	3,397,320.92	2,195,873.39
067 Horticulture Expenses	22,816,006.52	18,865,875.05
068 Hire charges- helicopter/aircraft	0.00	0.00
069 Hire charges of construction equipment	1,301,754.00	239,914.00
070 Demurrage Charges	0.00	0.00
072	0.00	0.00
073 Miscellaneous expenses	64,792,273.80	49,387,537.54
074 Loss on disposal/write-off of PPE	41,779,492.58	35,881,501.25
075 Sub-Total	3,636,571,945.39	3,276,458,855.03
076 Less: Other expenses allocated to fuel inventory	330,264,648.77	176,087,249.54
077 Less: Transferred/Allocated to development of coal mines	0.00	0.00
078 Less: Transferred to fly ash utilisation reserve fund	20,336,916.17	15,237,221.31
079 Less: Hedging coal Net recoverable/payable from/to beneficiaries	0.00	0.00
080 Less: Others	0.00	0.00
081 Less: Transferred to CSR Expenses	0.00	6,209,394.00
082 Less: Transferred to Expenditure during Construction period(net)-Note 43	1,699,488.53	0.00
083 Net (Generation, Administration and Other expenses)	3,284,270,891.92	3,080,924,990.18
084 Corporate Social Responsibility Expenses	194,124.00	6,209,394.00
085 Less: Grants-in-aid	0.00	0.00
086 Sub-total (Corporate Social Responsibility Expenses)	194,124.00	6,209,394.00
087 Provisions	0.00	0.00
088 Doubtful Debts	0.00	0.00
089 Doubtful loans, advances and claims	0.00	1,700,000.00
090 Doubtful Construction Advances	0.00	0.00
091 Shortage in stores	117,335.00	2,820,415.00
092 Obsolete/Diminution in the value of surplus stores	216,113.04	159,482.41
093 Shortage-in construction stores	239,649.00	27,059,435.31
094 Diminution in value of long term investments	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
095 Shortage in Fixed assets	0.00	2,237,282.47
096 Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097 Unserviceable capital works	0.00	101,764,671.00
098 Tariff Adjustment	174,136,000.00	135,016,000.00
099 Others :	0.00	0.00
100 (i) Provision for arbitration cases	29,904,534.00	109,904,993.00
101 (ii) Other provisions	0.00	0.00
102 Total (Provisions)	204,613,631.04	380,473,269.19
103	0.00	0.00
104 Total	3,489,078,646.96	3,487,607,673.37
105	0.00	0.00
106 Breakup of miscellaneous expenses.	0.00	0.00
109 Hire charges of office equipment	134,520.00	179,360.00
111 Operating expenses of construction equipment	0.00	0.00
112 Operating expenses of D.G. sets	0.00	439,561.64
113 Furnishing expenses	177,967.95	658,346.24
114 Subscription to trade and other associations	0.00	0.00
116 Visa and entry permit charges	0.00	0.00
117 Tree plantation exp.-NTPC Land	5,682,080.38	14,290,668.90
118 Research & development expenses	0.00	0.00
119 Less : Grants received for Research & development expenses	0.00	0.00
120 Sub-total (Research & development expenses)	0.00	0.00
121 Bank charges	634,452.92	304,473.69
122 Business Development Expenditure	0.00	0.00
123 Surcharge (NVN)	0.00	0.00
124 Power Trading Expenses	32,400,221.00	20,310,832.00
125 Brokerage & commission	3,690,855.50	2,962,770.00
129 Books and periodicals	94,739.00	73,603.00
130 Claims/advances written off	0.00	0.00
131 Stores written off	0.00	0.00
132 Survey & investigation expenses written off	0.00	0.00
133 Others	11,577,437.14	10,167,932.07
134 Total	54,792,273.89	49,367,537.54
135	0.00	0.00
136	0.00	0.00
137	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021
001 EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00	0.00
002 A. Employee benefits expense	0.00	0.00
003 Salaries and wages	13,792,931.67	53,489,726.05
004 Contribution to provident and other funds	1,139,923.84	6,450,226.00
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	750,535.19	2,344,312.97
007 Total (A)	15,683,390.70	62,184,267.02
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	21,797,178.31	14,141,851.00
011 Foreign currency term loans	14,540,076.07	5,023,685.00
012 Rupee term loans	17,576,125.34	23,129,665.00
013 Foreign currency bonds/notes	8,340,172.99	6,456,750.00
014 Unwinding of discount on account of vendor liabilities	1,751,566.00	13,986,439.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangers Fees	0.00	0.00
020 Commitment charges-Exposure Premium	0.00	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	2,477,674.85	1,625,515.00
027 Exchange differences regarded as adjustment to interest cost	-69,583,145.07	-2,261,501.00
028 Total (B)	-3,100,151.51	62,112,404.00
029	0.00	0.00
030 C. Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less: Recovered from contractors & employees	0.00	0.00
034 Sub-total(Net power charges)	0.00	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	690,438.83	0.00
039 Construction equipment	0.00	0.00
040 Others	163,613.00	0.00
041	0.00	0.00
042 Insurance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)
(Amount in ₹)

	For the Year ended	31.03.2022	31.03.2021
043	Rates and taxes	0.00	0.00
044	Communication expenses	73,646.52	0.00
045	Travelling expenses	588,842.08	0.00
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	141,750.00	0.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	0.00	0.00
063	Miscellaneous expenses	41,198.00	0.00
064	Total (D)	1,699,488.53	0.00
065	Total (A+B+C+D)	14,282,727.72	124,296,671.02
066	E. Less: Other income	0.00	0.00
067	Interest from:	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	1,354,893.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	-855.08	0.00
076	TOTAL (E)	-855.08	1,354,893.00
077	F. Net actuarial gain/loss (OC)	56,355.11	0.00
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	14,339,937.91	122,941,778.02
080		0.00	0.00
081	* Balance carried to Capital Work-in-progress - (Note 3)	14,339,937.91	122,941,778.02

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
001 EDC- Coal Mining	0.00	0.00
002 A- Employee benefits expense	0.00	0.00
003 Salaries and wages	0.00	0.00
004 Contribution to provident and other funds	0.00	0.00
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	0.00	0.00
007 Total (A)	0.00	0.00
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	0.00	0.00
011 Foreign currency term loans	0.00	0.00
012 Rupee term loans	0.00	0.00
013 Foreign currency bonds/notes	0.00	0.00
014 Unwinding of discount on account of vendor liabilities	0.00	0.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangem Fees	0.00	0.00
020 Commitment charges/Exposure Premium	0.00	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	0.00	0.00
027 Exchange differences regarded as adjustment to interest cost	0.00	0.00
028 Total (B)	0.00	0.00
029	0.00	0.00
030 C- Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less- Recovered from contractors & employees	0.00	0.00
034 Sub-total(Net power charges)	0.00	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	0.00
039 Construction equipment	0.00	0.00
040 Others	0.00	0.00
041 Cost of Captive Coal	0.00	0.00
042 Insurance	0.00	0.00
043 Rates and taxes	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2022	31.03.2021
044. Communication expenses	0.00	0.00
045. Travelling expenses	0.00	0.00
046. Tender expenses	0.00	0.00
047. Less: Income from sale of tenders	0.00	0.00
048. Sub-total (Net tender expenses)	0.00	0.00
049. Advertisement and publicity	0.00	0.00
050. Security expenses	0.00	0.00
051. Entertainment expenses	0.00	0.00
052. Guest house expenses	0.00	0.00
053. Less: Receipt from guest house	0.00	0.00
054. Sub-total (Net Guest House Expenses)	0.00	0.00
055. Education expenses	0.00	0.00
056. Brokerage & Commission	0.00	0.00
057. Books and periodicals	0.00	0.00
058. Community development expenses	0.00	0.00
059. Professional charges and consultancy fee	0.00	0.00
060. Legal expenses	0.00	0.00
061. EDP Hire and other charges	0.00	0.00
062. Printing and stationery	0.00	0.00
063. Miscellaneous expenses	0.00	0.00
064. Total (D)	0.00	0.00
065. Total (A+B+C+D)	0.00	0.00
066. E. Less: Other Income	0.00	0.00
067. Interest from	0.00	0.00
068. Indian banks	0.00	0.00
069. Foreign banks	0.00	0.00
070. Others	0.00	0.00
071. Contractors	0.00	0.00
072. Hire charges	0.00	0.00
073. Sale of scrap	0.00	0.00
074. Exchange Differences	0.00	0.00
075. Miscellaneous income	0.00	0.00
076. TOTAL (E)	0.00	0.00
077. F. Net actuarial gain/loss OCI	0.00	0.00
078.	0.00	0.00
079. GRAND TOTAL (A+B+C+D+E+F)	0.00	0.00
080.	0.00	0.00
081. * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	2,075.08	2,075.08
007 (b) value (in rs)	3,707,484,497.00	3,707,484,497.16
008 Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjust	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 -Freehold	0.00	0.00
016 -Right of Use	0.00	0.00
017 (b) value (in rs)	0.00	0.00
018 -Freehold	0.00	0.00
019 -Right of Use	0.00	0.00
020 Right-of-use buildings pending completion of legal formalities - value (in rs.)	0.00	0.00
021 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022 Property, plant & equipment	8,112,179,000.00	11,949,603,901.00
023 Intangible assets	0.00	0.00
024 Details of precommissioning expenditure	0.00	0.00
025 (a) precommissioning expenses	0.00	0.00
026 (b) precommissioning income	0.00	0.00
027 (c) net precommissioning expenditure	0.00	0.00
028	0.00	0.00
029	0.00	0.00
030	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	28,110,931.18	48,260,791.63
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	353,738,567.80	-397,145,914.87
064 Short Term Leases	0.00	0.00
065 A) Rent	0.00	0.00
066 Company lease accommodation - executives	0.00	0.00
067 Company lease accommodation - directors	0.00	0.00
068 Others	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2022	31.03.2021
069 Total	0.00	0.00
101 Borrowing cost capitalised during the year	-3,100,151.51	62,112,404.00
102 Revenue grants recognized during the year	0.00	0.00
103 Revenue expenditure on research and development	0.00	0.00
104 Capital expenditure on research and development	0.00	0.00
105 Expenditure on sustainability development - capital	2,830,583.00	6,308,176.00
106 Expenditure on cap- capital	0.00	0.00
107 Opening balance - CSR Liability	0.00	0.00
108 Paid/Adjusted during the Year out of Opening above	0.00	0.00
109 Amount yet to be paid against Cr Year CSR Exp	0.00	0.00
110 Closing Balance CSR- Liability (110)	0.00	0.00
111	0.00	0.00
112	0.00	0.00
113	0.00	0.00
114	0.00	0.00
115 Disclosure under exempted act 2006	0.00	0.00
116 (i) (a) the principal amount remaining unpaid as at year end	-317,627,980.15	-332,573,950.90
117 (i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118 (ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119 (iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120 (iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122 Amount of inventories recognized as an expense (including fuel)	42,662,375,041.35	20,343,335,460.15
123 Amount of inventories capitalised as overhauling assets out of 122 above	169,556,300.89	128,225,910.70
124 Amount capitalised as edc out of 122 above	0.00	0.00
133 Value of Imported Material Consumed during the Year	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of	0.00	0.00
137 (i)Capital works	5,243,699,518.00	4,757,653,446.00
138 (ii)Land compensation cases	2,000,000.00	2,000,000.00
139 (iii)Others by state authorities towards-	0.00	0.00
140 (a) Water royalty / water charges / rats tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2022	31.03.2021
142 (c) Other demands by state authorities	9,736,000.00	9,736,000.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	0.00	0.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	22,789,257.28	22,209,144.00
149 B. Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax	868,248.18	0.00
154 (v) Entry tax	0.00	0.00
155 C. Others	0.00	0.00
156 Total	5,279,093,023.46	4,791,798,589.00
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii) Land compensation cases	0.00	0.00
160 (iii) Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	0.00	0.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vii) Others	0.00	0.00
167 Total	0.00	0.00
168 E. AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169 F. CONTINGENT ASSETS	0.00	0.00
170 Intangible under development, less than 1 year	0.00	0.00
171 Intangible under development #: 1-2 year	0.00	0.00
227 Intangible under development #: 2-3 year	0.00	0.00
277 Intangible under development #: More than 3 years	0.00	0.00
278 Capital-Work-in Progress (CWIP)	0.00	0.00
279 Projects in progress	7,111,077,714.93	5,538,301,264.88
280 Projects temporarily suspended	0.00	0.00
281	0.00	0.00
282	0.00	0.00
283 Projects in progress	0.00	0.00
284 Less than 1 year	3,304,561,367.54	3,753,665,660.45
285 1-2 years	2,580,933,392.56	1,438,662,244.56
286 2-3 years	1,015,139,974.12	199,805,645.09
287 More than 3 years	211,342,980.71	146,177,714.78
288 Sub Total (f)	7,111,077,714.93	5,538,301,264.88
289	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS**

(Amount in ₹)

As at	31.03.2022	31.03.2021
290 Projects temporarily suspended	0.00	0.00
291 Less than 1 year	0.00	0.00
292 1-2 years	0.00	0.00
293 2-3 years	0.00	0.00
294 More than 3 years	101,764,671.00	0.00
295 Sub Total (ii)	101,764,671.00	0.00
296	0.00	0.00
380 Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended	31.03.2022	31.03.2021
001	1) Transactions during the year- subsidiaries	0.00	0.00
002	Purchase of equipment, supply & erection services	0.00	0.00
003	Purchase of spares	0.00	0.00
004	Maintenance services	0.00	0.00
005	Contracts for works/services for services provided by the company	0.00	0.00
006	Deputation of employees	0.00	0.00
007	Sales of goods	0.00	0.00
008	Sales of property and other assets	0.00	0.00
009	Sub-total	0.00	0.00
010		0.00	0.00
011	Dividend received	0.00	0.00
012	Equity contributions made	0.00	0.00
013	Share application money pending allotment	0.00	0.00
014	Loans granted	0.00	0.00
016	Interest on Loan	0.00	0.00
016	Guarantees received	0.00	0.00
017	Guarantees provided	0.00	0.00
018	Sub-total	0.00	0.00
019		0.00	0.00
020	Transactions during the year- jvs	0.00	0.00
021	Purchase of equipment, supply & erection services	4,477,413.00	4,601,852.78
022	Purchase of spares	0.00	0.00
023	Maintenance services	591,386,598.70	559,601,489.92
024	Contracts for works/services for services provided by the company	0.00	0.00
025	Deputation of employees	0.00	0.00
026	Sales of goods	0.00	0.00
027	Sales of property and other assets	0.00	0.00
028	Sub-total	-595,884,011.70	-564,203,342.70
029		0.00	0.00
030	Dividend received	0.00	0.00
031	Equity contributions made	0.00	0.00
032	Share application money pending allotment	0.00	0.00
033	Loans granted	0.00	0.00
034	Guarantees received	0.00	0.00
035	Guarantees provided	0.00	0.00
036	Sub-total	0.00	0.00
037	Total	595,884,011.70	564,203,342.70
038	Transactions with post employment benefit plans	0.00	0.00
039	Contributions made during the year	0.00	0.00
040	Compensation to key management personnel	0.00	0.00
041	Short term employee benefits	0.00	0.00
042	Post employment benefits	0.00	0.00
043	Other long term benefits	0.00	0.00
044	Termination benefits	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended 31.03.2022	31.03.2021	
045	Sitting Fee	0.00	0.00
046	Share based payments	0.00	0.00
047	Sub-total	0.00	0.00
048	Transactions with the related parties under the control of the same government:	0.00	0.00
049	Coal india ltd., And its subsidiaries- purchase of coal	20,090,960,046.00	11,051,944,974.46
050	Singareni coalfields ltd- purchase of coal	688,234,611.00	713,456,618.00
051	Bhel ltd.	0.00	0.00
052	Purchase of equipment, supply & erection services	790,644,883.70	168,511,363.56
053	Purchase of spares	408,617,526.96	371,651,131.67
054	Maintenance services	482,281,626.38	280,132,668.61
055	Sub-total	1,681,944,037.04	818,485,163.84
056	Gail (i) ltd. Supply of natural gas	0.00	0.00
057	ioil supply of oil products	24,717,635.25	10,107,301.69
058	Bpcl-supply of natural gas and oil	516,885,474.00	131,637,214.00
059	Sail-supply of steel and iron products	157,265,672.49	116,866,367.00
060	Other entities	0.00	0.00
061	Purchase of equipments & erection services	224,694,739.64	196,621.98
062	Purchase of spares	84,316,936.62	16,646,086.99
063	Maintenance services	88,950,630.60	79,314,950.75
064		0.00	0.00
065	Total	23,747,969,982.64	12,938,467,289.01
066	Transaction with other	0.00	0.00
067	Transaction with ntpc education and research society and ntpc foundation	0.00	0.00
068	- transactions during the year	0.00	0.00
069	ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
070	Additional Transactions with GAIL	0.00	0.00
071	Additional Transactions with subsidiaries	0.00	0.00
072	Additional Transactions with joint ventures	0.00	0.00
073		0.00	0.00
074		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-C TO THE FS-RPD DISCLOSURE- OUTSTANDING BALANCES

(Amount in ₹)

As at	31.03.2022	31.03.2021
001 Outstanding balance	0.00	0.00
002 Amount recoverable towards loans	0.00	0.00
003 - From Subsidiaries	0.00	0.00
004 - From JVC	0.00	0.00
005 - From KMP	0.00	0.00
006 - From Others	0.00	0.00
007 Sub-total	0.00	0.00
008 Amount recoverable other than loan	0.00	0.00
009 - from subsidiaries	0.00	0.00
010 - from joint ventures	0.00	0.00
011 - from key managerial personnel	0.00	0.00
012 - from post employment benefit plans	0.00	0.00
013 - from others	0.00	0.00
014 Sub-total	0.00	0.00
015 Amount payable	0.00	0.00
016 - from subsidiaries	0.00	0.00
017 - from joint ventures	0.00	63,240,004.28
018 - from key managerial personnel	55,575,823.77	0.00
019 - from post employment benefit plans	0.00	0.00
020 - from others	0.00	0.00
021 Sub-total	55,575,823.77	63,240,004.28
022	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

BALANCE SHEET

(Amount in ₹)

As at	Note	31.03.2023	31.03.2022
001	ASSETS	0.00	0.00
002		0.00	0.00
003	NON-CURRENT ASSETS	0.00	0.00
004	PROPERTY, PLANT & EQUIPMENT	95,888,133,219.35	101,466,238,872.81
005	CAPITAL WORK-IN-PROGRESS	8,031,290,867.84	7,190,034,482.83
006	INVESTMENT PROPERTY	0.00	0.00
007	INTANGIBLE ASSETS	40,686,372.36	43,888,437.54
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	0.00	0.00
009	FINANCIAL ASSETS	0.00	0.00
010	(I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	0.00	0.00
011	(II) OTHER INVESTMENTS	0.00	0.00
012	(III) TRADE RECEIVABLES	0.00	0.00
013	(IV) LOANS	134,218,324.02	142,829,882.38
014	(V) OTHER FINANCIAL ASSETS	0.00	0.00
015	OTHER NON-CURRENT ASSETS	2,412,629,209.83	2,324,287,205.00
017	TOTAL NON-CURRENT ASSETS	107,895,156,890.62	111,789,934,192.22
018		0.00	0.00
019	CURRENT ASSETS	0.00	0.00
020	INVENTORIES	8,238,916,791.28	3,392,242,000.14
021	FINANCIAL ASSETS	0.00	0.00
022	(I) OTHER INVESTMENTS	0.00	0.00
023	(II) TRADE RECEIVABLES	0.00	0.00
024	(III) CASH AND CASH EQUIVALENTS	0.00	0.00
025	(IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	0.00	0.00
026	(V) LOANS	21,074,888.24	30,267,891.03
027	(VI) OTHER FINANCIAL ASSETS	415,076,919.32	(3,425,262.82)
028	CURRENT TAX ASSETS (NET)	0.00	0.00
029		0.00	0.00
030	OTHER CURRENT ASSETS	8,149,011,843.81	8,573,175,239.48
031		0.00	0.00
032	TOTAL CURRENT ASSETS	8,887,816,421.33	8,729,387,488.61
033	ASSETS CLASSIFIED AS HELD FOR SALE	0.00	0.00
036	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	344,289,622.69	1,363,260,381.63
037	TOTAL ASSETS	117,190,261,935.64	122,400,886,062.11
038	EQUITY AND LIABILITIES	0.00	0.00
039	EQUITY	0.00	0.00
040	EQUITY SHARE CAPITAL	0.00	0.00
041	OTHER EQUITY	58,337,641,745.44	48,298,886,173.42
044	TOTAL EQUITY	58,337,641,745.44	48,298,886,173.42
045		0.00	0.00
046	LIABILITIES	0.00	0.00
047	NON-CURRENT LIABILITIES	0.00	0.00
048	FINANCIAL LIABILITIES	0.00	0.00
049	(I) BORROWINGS	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

BALANCE SHEET

(Amount in ₹)

	As at	Note	31.03.2023	31.03.2022
000	II) LEASE LIABILITIES	25A	0.00	0.00
001	III) TRADE PAYABLES		0.00	0.00
002	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	24	2,470,051.00	4,471,518.00
003	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	24	11,136,340.85	11,885,750.92
004	IV) OTHER FINANCIAL LIABILITIES	25	1,787,478.50	347,817,510.07
005	PROVISIONS	26	0.00	0.00
006	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
007	OTHER NON-CURRENT LIABILITIES	28	82,643,937.00	50,184,890.00
008			0.00	0.00
009	TOTAL NON-CURRENT LIABILITIES		71,490,806.75	626,376,559.99
010			0.00	0.00
011	CURRENT LIABILITIES		0.00	0.00
012	FINANCIAL LIABILITIES		0.00	0.00
013	I) BORROWINGS	29	0.00	0.00
014	II) LEASE LIABILITIES	25A	0.00	0.00
015	III) TRADE PAYABLES		0.00	0.00
016	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	82,218,443.40	190,081,320.13
017	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	30	4,074,360,613.31	8,205,426,162.42
018	IV) OTHER FINANCIAL LIABILITIES	31	8,756,170,580.68	6,327,541,585.65
019	OTHER CURRENT LIABILITIES	32	230,640,293.34	83,188,895.58
020	PROVISIONS	33	648,826,062.06	990,354,386.12
021	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
022			0.00	0.00
023	TOTAL CURRENT LIABILITIES		11,812,915,911.21	16,829,543,938.28
024			0.00	0.00
025	DEFERRED REVENUE	35	1,182,254,000.00	1,184,174,000.00
026	REGULATORY DEFERRED ACCOUNT CREDIT BALANCES	36	0.00	0.00
027	INTER UNIT ACCOUNTS		41,783,679,481.84	50,560,832,457.44
028			0.00	0.00
029	TOTAL EQUITY AND LIABILITIES		117,196,201,825.54	122,409,898,252.11
030	Significant Accounting Policies as per note 1	1	0.00	0.00
031			0.00	0.00
032	The Accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
033			0.00	0.00

(Auditor Initial & Stamp)

NARENDER KUMAR CHATRAATH
 (Head of Finance)

APELAGUN TA KAMA MANDHAR
 (Head of Unit)

UDIN: 230791863GHWVAX8782

MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2023	31.03.2022
001	Revenue		0.00	0.00
002	Revenue from operations	37	93,889,134,890.82	86,534,957,854.56
003	Other income	38	10,281,100.79	277,426,716.53
006	Total Income		94,070,235,991.61	86,812,384,571.09
007	Expenses		0.00	0.00
008	Fuel including cost of captive coal	39A	60,797,054,280.82	41,563,162,384.38
009	Employee benefits expense	39	1,463,911,753.34	1,379,942,725.25
010	Electricity purchased for trading		0.00	0.00
011	Financial costs	40	1,854,026,210.11	1,749,166,701.74
012	Depreciation and amortisation expenses	41	7,881,302,340.79	7,517,543,343.36
013			0.00	0.00
014	Other expenses	42	4,895,739,264.58	3,477,432,599.86
015	CC - expenses charge to revenue		769,250,611.74	688,489,476.35
016	Loss/Unit expenses transferred to CC		157,789,287.59	69,136,324.57
017	Total expenses		78,005,254,816.08	68,396,334,853.38
020	Profit before exceptional items & tax		14,765,081,423.53	8,009,829,717.71
021	Exceptional items		0.00	0.00
024	Profit before tax		14,765,081,423.53	8,009,829,717.71
027	Tax expense:		0.00	0.00
028	Current tax		0.00	0.00
029	Deferred tax		0.00	0.00
034			0.00	0.00
036	Total Tax expense		0.00	0.00
038	Profit for the period before regulatory deferral account balances		14,765,081,423.53	8,009,829,717.71
039	Movement in regulatory deferral account balances		0.00	0.00
038	Regulatory deferral account - interest		0.00	0.00
039	Divid		1,739,071,758.94	203,029,313.54
040	Tax impact of Regulatory deferral account balances		0.00	0.00
041	Movement in Regulatory deferral account balances (Net of Tax)		1,739,071,758.94	203,029,313.54
042	Profit for the period year		12,026,009,664.59	8,009,829,717.71
055	Other comprehensive income		0.00	0.00
056	(A) Items that will not be reclassified to profit or loss		0.00	0.00
057	- Net gains/(losses) on fair value of equity instruments through other comprehensive income		0.00	0.00
058	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
059	- Net actuarial gains/(losses) on defined benefit plans		-4,474,762.44	-5,147,822.00
060	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
064			0.00	0.00
065	Other comprehensive income for the year, net of income tax		-4,474,762.44	-5,147,822.00
070			0.00	0.00
071			0.00	0.00
072	Total Comprehensive Income for the year		11,991,155,572.92	8,009,829,717.71



MAUDA SUPER THERMAL POWER PROJECT

STATEMENT OF PROFIT AND LOSS

(Amount in ₹)

	For the Year ended	Note	31.03.2023	31.03.2022
285			0.00	0.00
007	Earnings per equity share		0.00	0.00
288	Trade & Debts		0.00	0.00
289	Significant Accounting Policies		0.00	0.00
290			0.00	0.00
041	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

BRJESH KUMAR
PANDEY
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 9811 2233 11
 (Auditor Initial & Stamp)

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Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area -1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 31.03.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2021	Net Book Value As At 31.03.2022
1 TANGIBLE ASSETS	3.00	0.00	0.00	3.00	3.00	0.00	0.00	3.00	0.00	0.00
2 Land (including development expenditure)	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
3 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Right of Use	1,07,64,417.50	1,00,00,000.00	0.00	2,07,64,417.50	49,00,000.00	49,00,000.00	0.00	1,58,64,417.50	58,64,417.50	2,07,64,417.50
5 Sitma/permits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of use - Civil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Opening A/c Land										
7 Roads/bridges, culverts & flyovers	2,09,00,000.00	1,19,80,000.00	0.00	3,28,80,000.00	47,40,000.00	47,40,000.00	0.00	2,81,40,000.00	1,61,60,000.00	1,67,20,000.00
8 Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Motor vehicles	12,48,00,000.00	1,17,24,000.00	0.00	13,65,24,000.00	2,24,00,000.00	2,24,00,000.00	0.00	11,41,24,000.00	11,41,24,000.00	10,00,00,000.00
11 Others	30,00,00,000.00	7,00,00,000.00	0.00	37,00,00,000.00	4,00,00,000.00	4,00,00,000.00	0.00	33,00,00,000.00	33,00,00,000.00	29,00,00,000.00
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Telephony system	40,00,000.00	1,00,00,000.00	0.00	1,40,00,000.00	34,00,000.00	34,00,000.00	0.00	1,06,00,000.00	1,06,00,000.00	1,06,00,000.00
14 Water Supply, Drainage & sewerage system	1,00,00,000.00	34,00,000.00	0.00	1,34,00,000.00	24,00,000.00	24,00,000.00	0.00	1,10,00,000.00	1,10,00,000.00	86,00,000.00
15 Hydraulic works, canals, dams, locks and power channel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MCR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Railway siding	2,00,00,000.00	30,00,000.00	0.00	2,30,00,000.00	1,10,00,000.00	1,10,00,000.00	0.00	1,20,00,000.00	1,20,00,000.00	1,20,00,000.00
18 Electrification system	30,00,00,000.00	0.00	0.00	30,00,00,000.00	2,00,00,000.00	2,00,00,000.00	0.00	28,00,00,000.00	28,00,00,000.00	28,00,00,000.00
19 Plant and machinery (including associated civil work) of various types	5,00,00,00,000.00	34,00,00,000.00	27,00,00,000.00	5,07,00,00,000.00	4,00,00,00,000.00	4,00,00,00,000.00	27,00,00,000.00	4,80,00,00,000.00	4,80,00,00,000.00	4,80,00,00,000.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area -1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 01.04.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2021	Net Book Value As At 31.03.2022
20 Plant and machinery(including associated civil works) Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	17412011.53	2645170.81	39704.88	20051446.26	1891201.29	384202.75	94722.86	2261379.29	15519710.24	18454022.24
22 Assets under 5 Km Schemes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including equipments / motor-cycles - Owned	61417.64	318000.00	0.00	400017.64	47719.63	318020.00	0.00	394540.00	227477.01	39000.00
24 Vehicles including motorbikes / motor-cycles - Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipment	9029126.82	377400.00	88129.14	9324297.68	4726320.53	304210.00	29331.73	5027018.80	4301285.88	4300000.00
26 EDP, WF machines and related equipment	4891376.56	2364401.00	2482693.05	4769108.51	4158047.89	758201.00	2482693.05	4627651.84	2241456.67	719136.66
27 Construction equipments	18822504.00	902700.00	0.00	19725204.00	1181208.29	1300430.00	0.00	2521157.29	18243995.71	20732207.74
28 Electrical equipments	14007050.00	1022007.00	0.00	15029057.00	6497602.49	11874214.00	0.00	17471816.49	7531443.51	12545165.51
29 Communication equipments	4218026.00	536738.00	87242.00	4672522.00	1086017.00	414290.00	246702.77	2746004.23	1926518.77	2312112.23
30 Health equipments	7755071.00	2420.00	0.00	7757491.00	810744.23	200007.00	0.00	1010751.23	6746746.77	1242000.77
31 Laboratory and workshop equipments	20705801.64	114271.00	209019.00	20617453.64	9819877.23	5272408.26	100000.00	15119285.49	5497568.15	17798526.49
32 Capital expenditure on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 31.03.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2021	Net Book Value As At 31.03.2022
24 Leasehold Freehold Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Lease Recoverable from O&M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Assets for sale situation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 Land- Adjusted from by sale situation reserve fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Site Restoration Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Figures)	1481791291.00	200111282.24	24572307.30	1636179265.94	441339275.40	450881621.42	307284770.00	585189274.82	1040452016.58	1050492091.12
Grand Total Free Year (Figures)	1422005437.42	238006887.74	(250074.18)	1651808771.00	427167258.88	432247774.18	312942754.70	6170292774.40	1019020912.00	103111110247.10

Note forming part of Balance Sheet
 Note 2 : Property, Plant And Equipment
 Business Area :1043

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2023	Tangible As At: 31.03.2022	Tangible As At: 31.03.2023	Tangible As At: 31.03.2022
Original of assets	(2926702.55)	(220037.82)	(2926702.55)	(220037.82)
Retirement of assets	(450316325.00)	(248231134.44)	(374162675.25)	(206451701.80)
Cost equipments	89815797.02	33178635.11	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	(195337.20)	(88312479.02)	(195337.20)	(21735168.10)
Others	0.00	0.00	0.00	0.00
TOTAL	265177367.86	(8583676.89)	(377384775.80)	(228427343.78)

Note - Additions during the year includes capital expenditure towards CSR (in Rs.)

0.00

(Amount in Rupees)

Note forming part of Balance Sheet

Note 3: Capital Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2022	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	Capital expenditure					
2	Construction of land					
3	Stone, brick, labour & bullocks	200000.00	200000.00	200000.00		100000.00
4	Plant and machinery					
5	Buildings					
6	Plant and Machinery	3300000.00	4000000.00	3000000.00		4300000.00
7	Wires	1100000.00	1700000.00	1200000.00	1000000.00	1800000.00
8	Temporary works					
9	Water supply, drainage and sewerage system		800000.00	800000.00		
10	Material for water supply, drainage and sewerage system					
11	Water supply and drainage system					
12	Water supply	800000.00	1000000.00	1000000.00		1800000.00
13	Water supply					
14	Plant and equipment	6000000.00	2000000.00	1000000.00	2000000.00	7000000.00
15	Furniture and fixtures		500000.00	100000.00	100000.00	500000.00
16	Plant					
17	Office equipment	100000.00	500000.00	100000.00	500000.00	100000.00
18	Generator, diesel & petrol generator		100000.00			100000.00
19	Generator equipment					
20	Electrical appliances	2000000.00	500000.00	1000000.00	1000000.00	2500000.00
21	Communication equipment		1000000.00	500000.00	1000000.00	
22	Mobile equipment					
23	Laboratory and workshop equipment					
24	Assets under construction of the Co.					
25	Construction work in progress of the Co.					
26	Construction work in progress of the Co.					
27	Assets under construction of the Co.					
28	Assets under construction of the Co.					

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(Amount in Rupees)

Note forming part of Balance Sheet

Note 3: Capital Work-in-Progress

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 01.04.2022	Addition	Debit/Am Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
28	Construction work-in-progress of long term					
29	Pre-construction incurred cost					
31	Two-Paid-Maintenance-amount Project					
32	Expenditure During Construction Period (net)		1,65,87,196.71	(1,09,134.00)		1,65,76,282.71
33	LCR - Advance to contract works		1,35,98,112.20			1,35,98,112.20
34	- P&L - Provision for Unrecoverable works -	11,76,071.00	(11,76,071.00)			0.00
35	Construction Allowance (W/Cost)					
36	Steel	2,08,00,000.00	30,74,500.79	(1,58,02,001.10)		1,50,72,500.69
37	Concrete	20,10,100.00	2,07,11,000.00	(1,00,00,000.00)		20,17,200.00
38	Other	24,00,000.00	1,00,00,000.00	(1,11,14,000.00)		32,86,000.00
39	Sub-total	51,78,100.00	32,71,600.79	(22,17,001.10)		62,31,700.69
40	LCR - Provision for shortage	2,00,000.00		(1,57,000.00)		43,000.00
41	Sub-total	49,78,100.00	32,71,600.79	(22,08,001.10)		60,41,700.69
42	Total CWIP	7,10,34,400.00	21,44,77,000.00	(1,07,24,000.00)	6,02,87,100.00	8,07,31,500.00
43						
44						
45	PREVIOUS YEAR TOTAL	50,82,11,000.00	40,74,00,000.00	(8,27,70,000.00)	1,00,00,000.00	71,00,11,000.00

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

Note-forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2021	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2022	Opening Depreciation As At 31.03.2021	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2022	Net Book Value As At 31.03.2021	Net Book Value As At 31.03.2022
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Right to Use Asset	4287198.95	0.00	0.00	4287198.95	1672927.52	268002.75	0.00	1940930.27	4014271.43	4284168.68
2. Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Software	207732.34	110940.00	0.00	318672.34	196910.00	433041.34	0.00	630051.34	478661.34	119367.00
Grand Total (Intangible)	6364521.29	110940.00	0.00	6475463.29	2179837.52	701344.09	0.00	2881181.61	4009412.68	4197835.68
Grand Total Free Year (Intangible)	6364521.29	110940.00	0.00	6475463.29	2179837.52	701344.09	0.00	2881181.61	4009412.68	4197835.68

(Amount in Rupees)

Note forming part of Balance Sheet
 Note-4 Non Current Assets- Intangible Assets
 Business Area :1043

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2023	InTangible As At: 31.03.2022	InTangible As At: 31.03.2023	InTangible As At: 31.03.2022
Original of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	(2366098.42)	0.00	(2366098.42)
Cost equipments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	(2366098.42)	0.00	(2366098.42)

Note - Additions during the year includes capital expenditure towards CSR (in Rs.) 0.00

(Amount in Rupees)

Note forming part of Balance Sheet

Note 5: Intangible Assets under Development

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2022	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Patent/Less Others					
4	Exploration and Evaluation Expenditure - Coal Min.					
5	Exploration and Evaluation Expenditure - Coal Min.					
6	Less: Provision for exploratory wells in progress					
7	Total					
8	PREVIOUS YEAR TOTAL					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
801	NON CURRENT INVESTMENTS- INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES			8.88	8.88
811	EQUITY INSTRUMENTS - UNQUOTED (FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)			8.88	8.88
813	SUBSIDIARY COMPANIES			8.88	8.88
814	PATKATS VIDYUT UTPADAN NIGAM LTD.			1.00	1.00
815	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
816	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
817	NARINDAR POWER GENERATING COMPANY LTD.			0.00	0.00
818	KARNI BILGE UTPADAN NIGAM LTD.			0.00	0.00
819	BHARTIYA RAIL BILGE COMPANY LTD.			0.00	0.00
820	NTPC MINING LTD.(NML)			0.00	0.00
821	THEC INDIA LTD.			0.00	0.00
822	NEPCO LTD.			0.00	0.00
823	NTPC EDMC Waste Solutions Pvt Ltd.			0.00	0.00
824	NTPC Renewable Energy Ltd.			0.00	0.00
825	Rathghat Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
826	NTPC Green Energy Limited.			0.00	0.00
827	Green Valley Renewable Energy Limited.			0.00	0.00
828				0.00	0.00
829				0.00	0.00
830	SUB TOTAL			8.88	8.88
855	JOINT VENTURE COMPANIES			0.00	0.00
856	Green Powerack Ltd.			0.00	0.00
857	NTPC GE Power Services Pvt Ltd.			0.00	0.00
858	NTPC GAIL Power Company Ltd.			0.00	0.00
859	NTPC Tamil Nadu Energy Company Ltd.			0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

As at	No. of shares	Face value	31.03.2023	31.03.2022
000	Surgeh Gas & Power Pvt. Limited (SGPPL)		0.00	0.00
001	ARAVALI POWER COMPANY PRIVATE LTD.		0.00	0.00
002	Jindal Power Ltd.		0.00	0.00
003	NTPC SHEL POWER PROJECTS PRIVATE LTD.		0.00	0.00
004	MEGA URJA INDIAN PRIVATE LIMITED		0.00	0.00
005	BP-NTPC ENERGY SYSTEMS LTD.		0.00	0.00
006			0.00	0.00
007	NARINADAN POWER GENERATING COMPANY LTD.		0.00	0.00
008	TRANSFORMER AND ELECTRICAL KOPRA LTD.		0.00	0.00
009	NATIONAL HIGH POWER TEST LABORATORY PRIVATE LTD.		0.00	0.00
010			0.00	0.00
011	CL-NTPC URJA PRIVATE LTD.		0.00	0.00
012	ANUSHAKTI VIDHYUT NIGAM LTD.		0.00	0.00
013	ENERGY EFFICIENCY SERVICES LTD.		0.00	0.00
014			0.00	0.00
015	TRINCOMALEE POWER COMPANY LTD.		0.00	0.00
016	SANGLEDH AREA FRIENDSHIP POWER COMPANY (PVT.) LTD.		0.00	0.00
017	INDUSTRIAL ORGANISATION & RESEARCH LIMITED		0.00	0.00
018	KONKANACHEL LTD.		0.00	0.00
001	SUB TOTAL		0.00	0.00
109	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS		0.00	0.00
110	TOTAL NET OF IMPAIRMENT OF JV		0.00	0.00
111	Gross Total of Investments		0.00	0.00
104	Total		0.00	0.00
120	Details of Investments		0.00	0.00
108	Applicable amount of Goodwill Investments		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 6 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

As at	No. of shares	Face value	31.03.2023	31.03.2022
141			0.00	0.00
142			0.00	0.00
143			0.00	0.00
144			0.00	0.00
145			0.00	0.00
153	Valuation of investments as per (B) (i)		0.00	0.00
154			0.00	0.00
202			0.00	0.00
203			0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
001	Non-current financial assets (Investments)			0.00	0.00
005	Long Term - Trade			0.00	0.00
007	Equity Instruments (Fully paid up unless otherwise stated)			0.00	0.00
008	Quoted			0.00	0.00
005	JOINT VENTURE COMPANIES			0.00	0.00
010	PTC INDIA LM			0.00	0.00
019	INTERNATIONAL COAL VENTURES PRIVATE LTD			0.00	0.00
075	SE-NTPC ENERGY SYSTEMS LTD.			0.00	0.00
088	Ambur Power Limited (5% Non convertible preference - private (booked))			0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111				0.00	0.00
112	SUB TOTAL			0.00	0.00
113	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
116	TOTAL			0.00	0.00
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THREE CO-OPERATIVE SOCIETY LTD KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THREE COOPERATIVE SOCIETY LTD RSTPP			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD FARAKKA			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD NIWAS			0.00	0.00
152	NTPC Employee Consumers Cooperative Society Ltd Korba			0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 8 TO THE FS-NCA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Non-current financial assets - Trade receivables	0.00	0.00
002 UNSECURED / CONSIDERED GOOD	0.00	0.00
003 CREDIT IMPAIRED	0.00	0.00
004	0.00	0.00
006 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 LOANS (NON CURRENT)	0.00	0.00
004 RELATED PARTIES	0.00	0.00
005 SECURED	0.00	0.00
006 UN-SECURED	0.00	0.00
007 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008 CREDIT IMPAIRED	0.00	0.00
009	0.00	0.00
010 EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011 SECURED	108,753,155.30	115,049,677.67
012 UNSECURED	63,857,950.29	70,542,235.84
013 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014 CREDIT IMPAIRED	0.00	0.00
015 LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016 SECURED	28,186,185.84	31,192,762.66
017 UNSECURED	9,206,595.73	11,569,138.24
018 LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019 OTHERS	0.00	0.00
020 SECURED	0.00	0.00
021 UNSECURED	0.00	0.00
022 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023 CREDIT IMPAIRED	0.00	0.00
024 LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
026 SUB TOTAL	134,218,324.02	142,829,992.39
027	0.00	0.00
028 TOTAL	134,218,324.02	142,829,992.39
029	0.00	0.00
030	0.00	0.00
031 Due from Directors and Officers of the Company	0.00	0.00
032 Directors	0.00	0.00
033 Officers	0.00	0.00
034	0.00	0.00
035 Loans to related parties include:	0.00	0.00
036 i)Key management personal	0.00	0.00
037 ii)Subsidiary companies	0.00	0.00
038 iii)Joint Venture companies	0.00	0.00
039 iv)Others	0.00	0.00
040	0.00	0.00
055 Other loans represent loans given to	0.00	0.00
056 a) APIC	0.00	0.00
061	0.00	0.00
062 RPD	0.00	0.00
063 i)Key management personal	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2023	31.03.2022
064. i)Subsidiary companies	0.00	0.00
065. ii)Joint Venture companies	0.00	0.00
066. iv)Others	0.00	0.00
067. Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 10 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bheriya Rai Bijlee Company Ltd.	0.00	0.00
009 Patnaru Vidyut Utpadan Nigam Ltd.	0.00	0.00
010 NTPC Mining Limited.	0.00	0.00
011 THDC Ltd.	0.00	0.00
012 NEEPCO Ltd.	0.00	0.00
013	0.00	0.00
014 Total	0.00	0.00
015 Share application money pending allotment (Joint Venture)	0.00	0.00
016 Utility Powertech Ltd.	0.00	0.00
017 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018 NTPC-SAIL Power Company Ltd.	0.00	0.00
019 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021 Acwaji Power Company Private Ltd.	0.00	0.00
022	0.00	0.00
023 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024 Moja Urja Nigam Private Limited.	0.00	0.00
025 BF-NTPC Energy Systems Ltd.	0.00	0.00
026 Anushakti Vidyut Nigam Ltd.	0.00	0.00
027 Nabinagar Power Generating Company Ltd.	0.00	0.00
028 Energy Efficiency Services Ltd.	0.00	0.00
029 National High Power Test Laboratory Private Ltd.	0.00	0.00
030	0.00	0.00
031 CIL, NTPC Urja Private Ltd.	0.00	0.00
032 Trincomalee Power Company Ltd.	0.00	0.00
033 Hindustan Urvarak & Rasayan Limited	0.00	0.00
034 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035 Sub Total	0.00	0.00
036	0.00	0.00
037 Claims Recoverable	0.00	0.00
038 Finance Lease Recoverable	0.00	0.00
039 Mine Closure Deposit	0.00	0.00
040 Financial Deposit	0.00	0.00
041	0.00	0.00
042 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

(Amount in ₹)

As at	31.03.2023	31.03.2022
010	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 SECURED	0.00	0.00
005 Unsecured	0.00	0.00
006 COVERED BY BANK GUARANTEE	50,575,836.00	100,022,363.60
007 OTHERS	155,598,692.27	380,300,066.44
008 CONSIDERED DOUBTFUL	0.00	0.00
009 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010 Sub-Total	206,174,528.27	480,322,430.04
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 SECURITY DEPOSITS	71,751,591.00	71,701,591.00
019 Advances to Related parties	0.00	0.00
022 Advances to Contractors & Suppliers	0.00	0.00
023 SECURED	0.00	0.00
024 UNSECURED	0.00	0.00
025 CONSIDERED DOUBTFUL	0.00	0.00
026 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027 Sub Total	71,751,591.00	71,701,591.00
028 RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029 Pre Paid expenses	0.00	0.00
030 ADVANCE TAX & TAX DEDUCTED AT SOURCE	2,624,261.37	2,393,725.31
040 LESS: PROVISION FOR CURRENT TAX	0.00	0.00
041	0.00	0.00
042 Sub Total	2,624,261.37	2,393,725.31
043 DEFERRED PAYROLL EXPENSES (SECURED)	20,616,485.38	23,987,129.31
044 DEFERRED PAYROLL EXPENSES (UNSECURED)	6,666,633.81	8,802,359.84
045 Sub Total	27,485,119.19	32,789,489.15
046 DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	2,102,794,000.00	2,278,542,000.00
049	0.00	0.00
050 Total	2,410,829,299.83	2,874,749,295.50
051	0.00	0.00
052	0.00	0.00
052 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
054	0.00	0.00
055 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
056	0.00	0.00
057 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
058 Arvali Power Company Private Ltd.	0.00	0.00
059 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 11 TO THE FS-NCA-OTHER NON-CURRENT ASSETS****(Amount in ₹)**

As at	31.03.2023	31.03.2022
070 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
071 Meja Urja Nigam Private Limited	0.00	0.00
072 Nabnagar Power Generating Company Ltd.	0.00	0.00
073 National High Power Test Laboratory Private Ltd.	0.00	0.00
075 CIL NTPC Urja Private Ltd.	0.00	0.00
077	0.00	0.00
078 Related Party (Adv)	0.00	0.00
079 Key Management personnel	0.00	0.00
080 Subsidiary companies	0.00	0.00
081 Joint Venture companies	0.00	0.00
082 Contractors	0.00	0.00
083 Others	0.00	0.00
085	0.00	0.00
086 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 12 TO THE FS-CA-INVENTORIES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	1,678,291,000.74	791,551,308.52
004 Fuel oil	210,342,993.51	321,759,133.02
005 Naphta	0.00	0.00
006 Stores and spares	2,718,715,557.21	2,428,086,381.26
007 Chemicals & consumables	103,859,251.14	104,029,735.01
008 Loose tools	4,046,376.82	4,647,437.29
009 Steel Scrap	21,487,687.59	22,832,602.27
010 Others	515,628,320.92	322,359,576.83
011	0.00	0.00
012 Sub Total	5,252,371,169.93	3,997,176,364.20
013 Less: Provision for shortages	685,481.00	3,237,911.00
014 Less: Provision for obsolete/unservicable/diminition in value of surplus inventory	11,574,947.64	725,948.06
016	0.00	0.00
017 Total	5,239,910,741.29	3,993,212,505.14
018 Inventories include material in transit	0.00	0.00
019 Coal	176,076,592.10	202,659,968.00
020 Fuel oil	0.00	0.00
021 Naphta	0.00	0.00
022 Stores and spares	4,401,813.22	5,381,494.38
023 Chemicals & consumables	1,908,000.59	1,201,767.10
024 Loose tools	0.00	0.00
025 Others	841,458.58	881,922.47
026	0.00	0.00
028 Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 13 TO THE FS-CA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2023	31.03.2022
001	CURRENT INVESTMENTS			8.89	8.89
002	(Valuation as per Note 1)			8.89	8.89
003	Jindal Power Limited (5%) Non convertible Debentures - private placement			8.00	8.00
002	Investment in Mutual Funds (Details as under)			0.89	0.89
004	SBIMagnaminds Cash Fund-DOP			8.00	8.00
005	SBIPremier Liquid Fund Super-IP-DOP			0.00	0.00
006	SBIDOP Ultra Short Term Fund-IP-DOP			8.00	8.00
007	UTI Money Market-IP Direct Growth			0.00	0.00
008	ICIF Liquid Intern. Direct Growth			8.00	8.00
009	Canara Robeco Liquid Fund Super-IP-DOP			0.00	0.00
010	Canara Robeco Treasury Advantage Fund Super-IP-DOP			0.89	0.89
011	ICIF Liquid Fund-DOP			0.89	0.89
012	SBIPremier Liquid Fund Direct DOP (Cash Fund)			0.00	0.00
013	UTI Liquid CashFlow-IP-DOP (Cash Funds)			0.00	0.00
014	ICIF Liquid Fund-DOP (Cash Funds)			0.00	0.00
015	Bank of India Liquid Fund - Direct - Growth			0.00	0.00
016				0.00	0.00
017	Sub Total			8.89	8.89
018				8.89	8.89
019	Unquoted Investments			0.00	0.00
020				0.00	0.00
021	TOTAL			8.89	8.89
022				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured, Considered Good	0.00	0.00
004 Unsecured , considered good	0.00	0.00
005 Credit impaired	0.00	0.00
006 Unbilled Revenue	0.00	0.00
007 Sub-Total	0.00	0.00
008 Total	0.00	0.00
009 Less: Allowance for credit impaired receivables	0.00	0.00
010 Total	0.00	0.00
012 Less: Discom Clearing	0.00	0.00
014	0.00	0.00
015 Grand Total	0.00	0.00
016 Other Unsecured	0.00	0.00
017 Long-term trade receivables	0.00	0.00
018 TCS Clearing	0.00	0.00
019 Discom Clearing	0.00	0.00
228 Trade Receivable	0.00	0.00
230 Not due:	0.00	0.00
231 Due	0.00	0.00
232 (i) Undisputed Trade receivables # considered good	0.00	0.00
233 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234 (iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235 (iv) Disputed Trade Receivables#considered good	0.00	0.00
236 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238 Unbilled	0.00	0.00
239 Total	0.00	0.00
240	0.00	0.00
241 (i) Undisputed Trade receivables # considered good	0.00	0.00
242 Less than 6 months	0.00	0.00
243 6 months -1 year	0.00	0.00
244 1-2 years	0.00	0.00
245 2-3 years	0.00	0.00
246 More than 3 years	0.00	0.00
247 Sub Total (i)	0.00	0.00
248 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
249 Less than 6 months	0.00	0.00
250 6 months -1 year	0.00	0.00
251 1-2 years	0.00	0.00
252 2-3 years	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 14 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
253 More than 3 years	0.00	0.00
254 Sub Total (II)	0.00	0.00
255 (iii) Undisputed Trade Receivables -credit impaired	0.00	0.00
256 Less than 6 months	0.00	0.00
257 6 months -1 year	0.00	0.00
258 1-2 years	0.00	0.00
259 2-3 years	0.00	0.00
260 More than 3 years	0.00	0.00
261 Sub Total (III)	0.00	0.00
262	0.00	0.00
263 (iv) Disputed Trade Receivables#considered good	0.00	0.00
264 Less than 6 months	0.00	0.00
265 6 months -1 year	0.00	0.00
266 1-2 years	0.00	0.00
267 2-3 years	0.00	0.00
268 More than 3 years	0.00	0.00
269 Sub Total (IV)	0.00	0.00
270 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
271 Less than 6 months	0.00	0.00
272 6 months -1 year	0.00	0.00
273 1-2 years	0.00	0.00
274 2-3 years	0.00	0.00
275 More than 3 years	0.00	0.00
276 Sub Total (V)	0.00	0.00
277 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
278 Less than 6 months	0.00	0.00
279 6 months -1 year	0.00	0.00
280 1-2 years	0.00	0.00
281 2-3 years	0.00	0.00
282 More than 3 years	0.00	0.00
283 Sub Total (VI)	0.00	0.00
284 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	0.00	0.00
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
011 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 16 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹)

As at	31.03.2023	31.03.2022
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006	0.00	0.00
008 Total	0.00	0.00
009	0.00	0.00
010 Earmarked balances with banks consist of :	0.00	0.00
011 Unpaid dividend account balance	0.00	0.00
012 Towards public deposit repayment reserve	0.00	0.00
013 Towards redemption of bonds due for repayment within one year	0.00	0.00
014 Security with Government/other authorities	0.00	0.00
015 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
016 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund	0.00	0.00
017 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
018 Deposits with original maturity upto three months as per court orders	0.00	0.00
019 Payment Security Scheme of MNRE- NSM (NTPC)	0.00	0.00
020 Payment Security Scheme of MNRE- NSM (NVVN)	0.00	0.00
021 Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
022 Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
023 Others	0.00	0.00
024 Margin Money	0.00	0.00
025	0.00	0.00
026	0.00	0.00
027 Sub-total	0.00	0.00
031 Total	0.00	0.00
032	0.00	0.00
033 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
034 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
035 Earmarked bank balances (current account)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Current financial assets - Loans	0.00	0.00
002 Loans (current)-including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
011 Secured	16,372,536.50	17,734,816.37
012 Unsecured	45,602,356.71	41,562,674.70
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less : Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
026	0.00	0.00
027 Total (Loans)	61,974,895.21	59,267,481.07
028	0.00	0.00
029 Due from Directors and Officers of the Company	0.00	0.00
030 Directors	0.00	0.00
031 Officers	0.00	0.00
032	0.00	0.00
033 Loans to related parties include:	0.00	0.00
034 i)Key management personnel	0.00	0.00
035 ii)Subsidiary companies	0.00	0.00
036 KBUNL	0.00	0.00
037 RGPPL	0.00	0.00
038 NVVN	0.00	0.00
039 iii)Joint Venture companies	0.00	0.00
040 iv)Others	0.00	0.00
041	0.00	0.00
060 RPD	0.00	0.00
061 i)Key management personnel	0.00	0.00
062 ii)Subsidiary companies	0.00	0.00
063 iii)Joint Venture companies	0.00	0.00
064 iv)Others	0.00	0.00
065	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 17 TO THE FS-CA-LOANS

(Amount in ₹)

	As at	31.03.2023	31.03.2022
066 Total		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	334,606,466.88	-48,608.15
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	2,555,323.00	5,316,912.00
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	337,161,789.88	5,270,303.85
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	469,520.00	79,650.00
048 Considered Doubtful	0.00	0.00
049 Less: Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Contract Asset- Revenue	76,707,381.86	2,452,320.86
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
056 Mine Closure Deposit	0.00	0.00
057 Financial Deposit	0.00	0.00
059 Other Accrued Income	0.00	0.00
060 Secured, Considered Good	0.00	0.00
061 Unsecured, considered good	672,247.58	5,823,988.21
062 Credit Impaired	0.00	0.00
063	0.00	0.00
064 Sub-Total	672,247.58	5,823,988.21
065 Less: Allowance for credit impaired receivables	0.00	0.00
066 Total	672,247.58	5,823,988.21
067	0.00	0.00
068 Others*	0.00	0.00
070	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
071 Total	415,010,939.32	13,626,262.92
072 * Other include amount recoverable from contractors and other parties towards line charges, rent/electricity etc.	0.00	0.00
073 Advances to related parties include:	0.00	0.00
074 i)Key management personal	0.00	0.00
075	0.00	0.00
076 ii)Joint Venture companies	0.00	0.00
077	0.00	0.00
078 v)Others	0.00	0.00
079	0.00	0.00
080 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
081 Related Party (Adv)- Employee	0.00	0.00
082 Related Party (Adv)- Subsidiaries	-167,219.12	-48,608.15
083 Related Party (Adv)- Joint Ventures	334,773,686.00	0.00
084	0.00	0.00
085 Related Party (Adv)- Others	0.00	0.00
086	0.00	0.00
099	0.00	0.00
100	0.00	0.00
101 Total	334,606,466.88	-48,608.15



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	143,279,390.00	212,068,965.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	0.00	0.00
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	1,996,079.47	293,264.00
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	1,197,756,917.20	1,321,280,823.51
019 Considered Doubtful	0.00	1,700,000.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	17,638,446.98	36,237,176.50
024 Considered Doubtful	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	1,700,000.00
026 Receivable from MCP Escrow A/c	0.00	0.00
027 Deferred Payroll Expenses (Secured)	2,079,135.60	2,385,311.02
028 Deferred Payroll Expenses (Unsecured)	2,004,105.15	2,890,688.76
029 Sub-total	5,073,240.75	5,255,997.78
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	294.00	56,126.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	2,783,988,801.81	3,097,794,203.79
036 Considered Doubtful	0.00	0.00
037 Less: - Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041	0.00	0.00
042 Others	186,673.00	186,673.00
043	0.00	0.00
045 Total (Other Current Assets)	4,149,919,845.91	4,673,175,230.48
046 **Include Prepaid Expenses	17,638,446.98	36,237,176.50
047 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 19 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2023	31.03.2022
048 *Includes deposited with courts	0.00	0.00
049 *Includes deposited with LIC for annuity payments	0.00	0.00
050 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
051 Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
053 Advances to related parties include:	0.00	0.00
054 i)Key management personnel	0.00	0.00
055 ii)Subsidiary companies	0.00	0.00
056 iii)Joint Venture companies	0.00	0.00
057 Contractors	0.00	0.00
058 Others	0.00	0.00
059	0.00	0.00
060 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
061	0.00	0.00
062	0.00	0.00
063 Related Party (Adv)- Employee	0.00	0.00
064 Related Party (Adv)- Subsidiaries	0.00	0.00
065 Related Party (Adv)- Joint Venture	0.00	0.00
066	0.00	0.00
067	0.00	0.00
068 Total	0.00	0.00
069	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 29 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES****(Amount in ₹)**

As at	31.03.2023	31.03.2022
001 On account of Exchange Differences	244,288,622.69	120,223,170.15
002 On account of employee benefit exp	0.00	0.00
003 Regulatory deferred account - deferred	0.00	0.00
004 Deferred asset for ash transportation	0.00	1,825,137,211.38
005 Deferred asset for Arbitration Award	0.00	0.00
008	0.00	0.00
009 Total	244,288,622.69	1,953,360,381.53



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 21 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 16,80,00,00,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 equity shares of Rs.10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,69,66,66,134 equity shares of Rs.10/- (Fv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India(CICI) Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add: Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 SUB-TOTAL	0.00	0.00
011	0.00	0.00
017	0.00	0.00
018 SECURITIES PREMIUM ACCOUNT	0.00	0.00
019 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020 ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021 LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022 SUB-TOTAL	0.00	0.00
023 BONDS REDEMPTION RESERVE	0.00	0.00
024 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025 ADD: TRANSFER FROM SURPLUS	0.00	0.00
026 LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028 SUB-TOTAL	0.00	0.00
029 CAPITAL REDEMPTION RESERVE	0.00	0.00
030 As per last financial statements	0.00	0.00
031 Add: Transfer from Surplus	0.00	0.00
032 Less: Transfer to surplus on redemption	0.00	0.00
033 Less: Adjustments during the year/ period	0.00	0.00
034 Sub-Total	0.00	0.00
035 Share Application money pending Allotment	0.00	0.00
036 As per last financial statements	0.00	0.00
037 Add: Addition during the year	0.00	0.00
038 Less: Utilised for allotment during the year	0.00	0.00
039 Less: Adjustments during the year/ period	0.00	0.00
040 SUB-TOTAL	0.00	0.00
046 FLY-ASH UTILISATION RESERVE FUND	0.00	0.00
047 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
048 TRANSFERRED TO CC	0.00	0.00
049 ADD:TRANSFER FROM REVENUE FROM OPERATIONS	5,542,213.45	3,031,647.10
050 ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051 LESS: UTILISED DURING THE YEAR	0.00	0.00
052 TANGIBLE ASSETS	0.00	0.00
053 EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054 GENERATION,ADMN. AND OTHER EXPENSES	5,542,213.45	3,031,647.10

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2023	31.03.2022
055 TAX EXPENSES	0.00	0.00
056 SUB-TOTAL	0.00	0.00
057 Self Insurance Reserve	0.00	0.00
058 As per last financial statements	0.00	0.00
059 Add: Addition during the year	0.00	0.00
060 Less: Utilised for allotment during the year	0.00	0.00
061 Less: Adjustments during the year/ period	0.00	0.00
062 SUB-TOTAL	0.00	0.00
063 SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
064 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065 ADD: ADDITION DURING THE YEAR	0.00	0.00
066 LESS: UTILISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068 SUB-TOTAL	0.00	0.00
069 CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE	0.00	0.00
070 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071 ADD : TRANSFER FROM SURPLUS	0.00	0.00
072 LESS -WRITE BACK DURING THE YEAR	0.00	0.00
073 SUB-TOTAL	0.00	0.00
074 GENERAL RESERVE	0.00	0.00
075 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076 ADD: TRANSFER FROM SURPLUS	0.00	0.00
077 LESS: TRANSFER TO SURPLUS	0.00	0.00
078 LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079 LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080 SUB-TOTAL	0.00	0.00
081	0.00	0.00
082 RETAINED EARNINGS	0.00	0.00
083 AS PER LAST FINANCIAL STATEMENTS	46,380,414,375.10	37,290,858,353.64
084 ADD/LESS: -CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085 ADD/LESS) -PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	13,056,608,664.71	9,089,556,021.46
087 ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088 ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089 ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090 ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091 ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093 LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 22 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2023	31.03.2022
094 LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095 LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096 LESS: TRANSFER TO CAPITAL RESERVE	0.00	0.00
097 LESS: TRANSFER TO CSR RESERVE	0.00	0.00
098 LESS: TRANSFER TO GENERAL RESERVE	0.00	0.00
099 LESS: INTERIM DIVIDEND PAID	0.00	0.00
100 LESS: TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101 LESS: FINAL DIVIDEND PAID	0.00	0.00
102 LESS: TAX ON FINAL DIVIDEND PAID	0.00	0.00
103 LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104 LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105 SUB-TOTAL	59,437,024,039.81	46,380,414,375.10
110	0.00	0.00
111 REMEASUREMENT OF DEFINED BENEFIT PLANS	0.00	0.00
112 AS PER LAST FINANCIAL STATEMENTS	-93,528,201.88	-88,384,379.83
113 ADD/(LESS) - ACTUARIAL GAINS/LOSS THROUGH OCI	-6,454,092.69	-5,143,822.05
114 SUB-TOTAL	-99,982,294.57	-93,528,201.88
115	0.00	0.00
116 FVTOCI Reserve	0.00	0.00
117 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118 ADD/(LESS) - NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119 Sub-Total	0.00	0.00
120	0.00	0.00
121 Total Other equity	59,337,041,745.44	46,286,886,173.42
122	0.00	0.00
123	0.00	0.00
124	0.00	0.00
125	0.00	0.00
126	0.00	0.00
127	0.00	0.00
128	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

(Amount in ₹)

As at	31.03.2023	31.03.2022
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MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
2A)		
012 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013 7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015 8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
full on 23rd August 2026 (Sixty Second Issue - Private Placement)		
020 8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021 8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022 7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023 7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024 7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026 9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027 8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030 9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031 8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)II	0.00	0.00
032 8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033 8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034 8.73% Secured non-cumulative	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035 9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)II	0.00	0.00
036 8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037 7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 03 May 2022 (69th Issue - Private Placement)	0.00	0.00
038 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022	
(Fifty Ninth Issue - Private Placement).			
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)III	0.00	0.00
043	8.16% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual instalments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at			31.03.2023	31.03.2022
on 12th January 2019 (Nineteenth issue - private placement)ii				
050	11%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)iii	0.00	0.00
051	9.3473%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)Vii	0.00	0.00
052	9.4376%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)Vii	0.00	0.00
053	8.00%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue - private placement)ii	0.00	0.00
054	9.2573%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)iii	0.00	0.00
055	9.6713%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth Issue - private placement)]]]		
060 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)]]]	0.00	0.00
061 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)]]]	0.00	0.00
062 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)]]]	0.00	0.00
063 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
private placement)III		
065 9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066 8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067 8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068 8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069 7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)IV	0.00	0.00
070 7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VII	0.00	0.00
072 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue - Part A - private placement)VIII	0.00	0.00
075	0.00	0.00
076	0.00	0.00
077 Sub Total	0.00	0.00
078 Unsecured	0.00	0.00
079 6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
080 6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2023 (Seventy First Issue - Private Placement)	0.00	0.00
081 5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)	0.00	0.00
082 6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
full on 27 January 2031 (Seventy Third Issue - Private Placement)		
083 6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
084 6.69% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
085 6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
086 5.78% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 29 April 2024 (Seventy Seventh Issue - Private Placement)	0.00	0.00
087 7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 25 August 2032 (Seventy Eighth Issue - Private Placement)	0.00	0.00
088 7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 April 2033 (Seventy Ninth Issue - Private Placement)	0.00	0.00
089	0.00	0.00
090 Sub-total	0.00	0.00
091 Total	0.00	0.00
092 Foreign Currency Notes-Unsecured	0.00	0.00
093 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
094 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
095 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
096 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
097 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
098 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
099 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
100 5.625% Fixed Rate Notes due for repayment on	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
14th July 2021		
101 3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
102	0.00	0.00
103	0.00	0.00
104	0.00	0.00
105 Sub Total	0.00	0.00
106 Term Loans	0.00	0.00
107 From Banks	0.00	0.00
108 Secured	0.00	0.00
109 Rupee Loans	0.00	0.00
110 Unsecured	0.00	0.00
111 Foreign Currency Loans	0.00	0.00
112 Rupee Loans	0.00	0.00
113 From Others	0.00	0.00
114 Secured	0.00	0.00
115 Rupee Loans	0.00	0.00
116 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
117 Unsecured	0.00	0.00
118 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
119 Other Foreign currency loans	0.00	0.00
121 Rupee Loans	0.00	0.00
122 Deposits	0.00	0.00
123 Unsecured	0.00	0.00
124 Fixed Deposits	0.00	0.00
125 Others	0.00	0.00
126 Unsecured	0.00	0.00
127 Bonds Application Money Pending Allotment	0.00	0.00
128 Sub-total	0.00	0.00
129 Total	0.00	0.00
130 Less - Interest accrued but not due on secured borrowings	0.00	0.00
131 Less - Interest accrued but not due on unsecured borrowings	0.00	0.00
132 Less - Current maturities of long term borrowings	0.00	0.00
133 Bonds-Secured	0.00	0.00
134 Fixed Rate Notes	0.00	0.00
136 Foreign currency loans from Banks- unsecured	0.00	0.00
137 Rupee loans from banks- Secured	0.00	0.00
138 Rupee loans from banks- unsecured	0.00	0.00
139 Rupee Term loan from Others - Secured	0.00	0.00
140 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
141 Other foreign currency loans from others- unsecured	0.00	0.00
142 Rupee loans from others- unsecured	0.00	0.00
143	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
144	0.00	0.00
145	0.00	0.00
146	0.00	0.00
147	0.00	0.00
148	0.00	0.00
149	0.00	0.00
150	0.00	0.00
151	0.00	0.00
201 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 24 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 TRADE PAYABLES(NON CURRENT)	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	2,470,651.05	4,471,818.00
004 - Others	11,155,340.65	11,680,755.92
005	0.00	0.00
007 Total	13,625,991.70	16,152,573.92



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

	As at	31.03.2023	31.03.2022
001	OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002	Payable for Capital Expenditure	0.00	0.00
003	- Micro & Small Enterprises	0.00	799,581.02
004	- Others	5,797,478.00	556,712,931.05
005	Others	0.00	0.00
006	Deposits from contractors and others	0.00	0.00
007		0.00	0.00
008		0.00	0.00
010	Total	5,797,478.00	557,512,512.07

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 26 TO THE FS-NCL-PROVISIONS****(Amount in ₹)**

As at	31.03.2023	31.03.2022
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
006	0.00	0.00
007 Others	0.00	0.00
008 i) Mine Closure Provision	0.00	0.00
009 Opening Balance	0.00	0.00
010 Additions during the year	0.00	0.00
011 Amounts adjusted during the year	0.00	0.00
012 Amounts reversed during the year	0.00	0.00
013 Closing Balance	0.00	0.00
014	0.00	0.00
015 ii) Stripping Activity Adjustments	0.00	0.00
016 Opening Balance	0.00	0.00
017 Additions during the year	0.00	0.00
018 Amounts adjusted during the year	0.00	0.00
019 Amounts reversed during the year	0.00	0.00
020 Closing Balance	0.00	0.00
021	0.00	0.00
024	0.00	0.00
026 TOTAL	0.00	0.00

NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

(Amount in ₹)

As at	Open Balance on 01.04.2022	Addition	Closing Balance on 31.03.2023
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Unabsorbed Depreciation	0.00	0.00	0.00
006 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007 Others	0.00	0.00	0.00
008 Opening Balance	0.00	0.00	0.00
009 Additions during the year	0.00	0.00	0.00
010 Amounts adjusted during the year	0.00	0.00	0.00
011 Amounts reversed during the year	0.00	0.00	0.00
012 Closing Balance	0.00	0.00	0.00
013 MAT credit entitlement	0.00	0.00	0.00
014 Total	0.00	0.00	0.00
016	0.00	0.00	0.00
017 Total	0.00	0.00	0.00
018 Breakup of deferred tax assets	0.00	0.00	0.00
019 Provision	0.00	0.00	0.00
020 Statutory dues	0.00	0.00	0.00
021 Leave encashment	0.00	0.00	0.00
022 Others	0.00	0.00	0.00
023	0.00	0.00	0.00
024	0.00	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 28 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004 Grants	52,043,337.00	56,194,465.00
006	0.00	0.00
007 TOTAL	52,043,337.00	56,194,465.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 29 TO THE FS-CL-BORROWINGS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Less: Unamortised discount on Commercial Papers	0.00	0.00
011 Sub-Total	0.00	0.00
012 Current maturity of long term borrowings	0.00	0.00
013 Bonds-Secured	0.00	0.00
014 Foreign Currency Fixed Rate Notes	0.00	0.00
015 From Banks	0.00	0.00
016 Secured	0.00	0.00
017 Rupee Term Loan	0.00	0.00
018 Foreign currency loans	0.00	0.00
019 Unsecured	0.00	0.00
020 Foreign currency loans	0.00	0.00
021 Rupee term loans	0.00	0.00
022 From Others	0.00	0.00
023 Secured	0.00	0.00
024 Rupee Term Loan	0.00	0.00
025 Unsecured	0.00	0.00
026 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027 Other foreign currency loans	0.00	0.00
028 Rupee term loans	0.00	0.00
029 Fixed deposits	0.00	0.00
031 Sub Total	0.00	0.00
032	0.00	0.00
034 TOTAL	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	92,218,443.46	194,041,820.12
004 - Others	4,076,260,565.31	5,065,456,162.49
005	0.00	0.00
007 Total	4,168,479,008.77	5,259,497,982.61
008	0.00	0.00
172 Trade payable	0.00	0.00
173 MSME	0.00	0.00
174 Unbilled	24,502,719.59	104,443,413.80
175 Not due	67,734,131.87	89,586,408.15
176 Due	0.00	0.00
177 Disputed	0.00	0.00
178 Undisputed	0.00	0.00
179	0.00	0.00
180 Sub-total (A)	92,236,651.46	194,041,821.96
181	0.00	0.00
182 Others	0.00	0.00
183 Unbilled	448,512,376.50	345,868,802.20
184 Not due	986,727,228.20	1,513,107,223.65
185 Due	986,727,228.20	3,206,380,136.00
186 Disputed	0.00	0.00
187 Undisputed	986,727,228.20	3,206,380,136.00
188	0.00	0.00
189 Sub-total (B)	2,421,966,832.90	5,065,456,161.85
190	0.00	0.00
191 Total	2,514,203,684.36	5,259,497,983.81
192	0.00	0.00
193 Ageing	0.00	0.00
194 MSME	0.00	0.00
195 Disputed	0.00	0.00
196 Less than 1 year	0.00	0.00
197 1-2 years	0.00	0.00
198 2-3 years	0.00	0.00
199 More than 3 years	0.00	0.00
200 Sub Total (I)	0.00	0.00
201	0.00	0.00
202 Undisputed	0.00	0.00
203 Less than 1 year	0.00	0.00
204 1-2 years	0.00	0.00
205 2-3 years	0.00	0.00
206 More than 3 years	0.00	0.00
207 Sub Total (II)	0.00	0.00
208	0.00	0.00
209 Total MSME (III)	0.00	0.00
210	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2023	31.03.2022
211 Others	0.00	0.00
212 Disputed	0.00	0.00
213 Less than 1 year	0.00	0.00
214 1-2 years	0.00	0.00
215 2-3 years	0.00	0.00
216 More than 3 years	0.00	0.00
217 Sub Total (IV)	0.00	0.00
218	0.00	0.00
219 Undisputed	0.00	0.00
220 Less than 1 year	691,180,561.80	2,610,771,582.00
221 1-2 years	525,333,576.30	94,780,669.64
222 2-3 years	577,866,933.90	456,966,251.00
223 More than 3 years	313,604,583.40	43,861,624.00
224 Sub Total (V)	2,107,985,655.40	3,206,380,136.64
225	0.00	0.00
226 Total Others (VI)	2,107,985,655.40	3,206,380,136.64

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 31 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
020 Interest accrued but not due on Unsecured Short Term Borrowing	0.00	0.00
021 Interest accrued but not due on secured borrowings	0.00	0.00
022 Interest accrued but not due on unsecured borrowings	0.00	0.00
023 Unpaid Dividends*	0.00	0.00
024 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026 Unpaid bond refund money-Tax free bonds *	0.00	0.00
027 Bank Overdraft	0.00	0.00
028 Payable to Customers	0.00	0.00
029 Liability under forward exchange contract	0.00	0.00
030 Hedging cost payable to beneficiaries	0.00	0.00
031 Derivative MTM Liability	0.00	0.00
032 Payable for Capital Expenditure	0.00	0.00
033 - Micro & Small Enterprises	41,866,200.07	118,514,759.22
034 - Others	6,658,124,028.30	5,861,748,733.53
035 Others Payables	0.00	0.00
036 Deposits from contractors and others	23,609,215.20	33,924,444.20
037 Gratuity Obligations	0.00	0.00
038 Payable to employees	30,671,647.47	6,328,786.00
039 Payable to holding company	0.00	0.00
040 Retention on A/c BG encashment (Solar)	0.00	0.00
041 Payable to Solar Payment Security Account	0.00	0.00
042 Others **	3,798,599.00	7,024,633.00
043 Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
045	0.00	0.00
046	0.00	0.00
047 Total	6,756,170,590.04	6,027,541,355.95
048 * Represents the amounts which have not been claimed by the investor/holders of the bonds/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund	0.00	0.00
049 ** Include Payable to Hospital and other payable	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 32 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 OTHER CURRENT LIABILITIES	0.00	0.00
002 Advances from customers and others	3,815,562.42	1,000,302.93
003 Deferred discount on forward exchange contract	0.00	0.00
004 Tax deducted at source and other statutory dues	231,673,555.92	88,048,260.65
005 Deposits from contractors and others	0.00	0.00
006 Government grants	4,151,132.00	0.00
007 Others	0.00	4,151,132.00
009	0.00	0.00
010	0.00	0.00
011 Total	239,640,250.34	93,199,695.58

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 33 TO THE FS-CL-PROVISIONS

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations Incidental to Land Acquisition	0.00	0.00
029 Opening balance	405,446,282.79	476,804,566.85
030 Additions during the year	0.00	0.00
031 Amounts paid during the year	13,258,583.73	71,358,286.06
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	392,187,699.06	405,446,282.79
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	3,656,105.33	3,656,105.33
044 Additions during the year	-134,426.33	0.00
045 Amounts adjusted during the year	0.00	0.00
046 Amounts reversed during the year	0.00	0.00
047 Closing Balance	3,521,679.00	3,656,105.33
048 Provision for Arbitration	0.00	0.00
049 Opening balance	241,202,508.00	211,297,974.00
050 Additions during the year	11,714,178.00	32,203,226.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	0.00	2,298,692.00
053 Closing Balance	252,916,686.00	241,202,508.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
104 Total	648,626,062.06	650,304,696.12



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 34 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
007	0.00	0.00
008 Closing Balance	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 35 TO THE FS-DEFERRED REVENUE****(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	Deferred Revenue	0.00	0.00
002	On account of advance against depreciation	0.00	0.00
003	On account of income from foreign currency fluctuation	4,190,858,000.00	3,494,574,000.00
004	Government grants	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	TOTAL	4,190,858,000.00	3,494,574,000.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 36 TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003	0.00	0.00
005 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended		
001 REVENUE FROM OPERATIONS	0.00	0.00
002 Sales	0.00	0.00
003 Energy Sales (including Electricity Duty)	94,695,395,778.82	66,678,087,880.18
004 Less : Advance against depreciation deferred (net)	0.00	0.00
005 Add: Revenue recognized out of advance against depreciation	0.00	0.00
006 Add : Exchange fluctuation receivables from customers	-1,268,986,000.00	-1,529,786,000.00
007 Sale of energy through trading	0.00	0.00
008 Commission (NVVN)	0.00	0.00
009 Sub total	93,426,409,778.82	67,148,301,680.18
010 Less: Rebate to customers	824,857,899.00	833,888,991.68
011 Energy Sales (Total)	92,601,751,879.82	66,514,432,688.50
012 Consultancy, project management and supervision fees	0.00	0.00
013 Lease rentals on assets on Operating lease	0.00	0.00
014 Sale of Captive Coal	0.00	0.00
015 Intra Company Elimination	0.00	0.00
017 Sub-total	0.00	0.00
016 Total - Sales	92,601,751,879.82	66,514,432,688.50
019 Sale of fly ash/ash products	5,542,213.45	3,031,847.10
020 Less: Transferred to fly ash utilisation reserve fund	-5,542,213.45	-3,031,847.10
021 Sub-total	0.00	0.00
022 Other Operating Income	0.00	0.00
023 Interest from customers	1,048,343,476.00	1,089,214.00
024 Energy Internally Consumed *	14,688,407.00	15,284,824.00
025 Interest income on Assets under finance lease	0.00	0.00
026 Recognized from deferred revenue - government grant	4,151,128.00	4,151,128.00
027 Provision written back- Tariff Adjustment	0.00	0.00
028 Income from Trading of ESCerts	0.00	0.00
029 Income from E-Mobility Business & others	0.00	0.00
030 Others	0.00	0.00
032	0.00	0.00
033	0.00	0.00
034 Total	93,669,134,890.82	66,534,957,854.50
040 * Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041 Excise duty on sale of flyash,conspere & ash products	0.00	0.00
042 Energy sales of principal nature (NVVN)	0.00	0.00
043 Energy sales of agency nature (NVVN)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2022
001 OTHER INCOME	0.00	0.00
002 Interest from	0.00	0.00
004 Financial assets at amortised cost	0.00	0.00
005 Government Securities (6.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006 Other Bonds	0.00	0.00
007 Non-current Trade Receivable	0.00	0.00
008 Interest from Government of India Securities-Non-Trade	0.00	0.00
009 Less: Amortization of premium	0.00	0.00
010 Sub Total	0.00	0.00
011 Interest from others	0.00	0.00
012 Loan to State Government in settlement of dues from customers	0.00	0.00
013 Loan to Subsidiary Companies	0.00	0.00
014 Loan to Employees	16,265,892.77	16,092,942.15
015 Deposit with banks	0.00	0.00
016 Foreign Banks	0.00	0.00
017 Interest from Contractors	1,674.00	0.00
018 Interest from Income Tax Refunds	0.00	0.00
019 Less: Refundable to Customers	0.00	0.00
020 Sub Total	0.00	0.00
021 Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022 Less: transferred to flyash utilisation reserve fund	0.00	0.00
023 Sub Total	0.00	0.00
024 Deposits with banks- DDUGJY funds	0.00	0.00
025 Interest from Contractors- DDUGJY funds	0.00	0.00
026 Transfer to DDUGJY-Advance from customers	0.00	0.00
027 Sub-total	0.00	0.00
030 Others	7,163.00	1,348,006.00
031 Other investments in Joint venture companies	0.00	0.00
032 Dividend from	0.00	0.00
033 Longterm investments in	0.00	0.00
034 Subsidiaries	0.00	0.00
035 Joint Ventures	0.00	0.00
036 Equity Instruments	0.00	0.00
037 Current investments in	0.00	0.00
038 Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039 Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040 Less: transferred to flyash utilisation reserve fund	0.00	0.00
041 Lease Rent # Ash Brick Plant	0.00	0.00
042 Less: transferred to flyash utilisation reserve fund	0.00	0.00
043 Other non-operating income	0.00	0.00
044 Profit on disposal of PPE	29,367.20	2,204.00
045 Profit on redemption of GOI securities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended	31.03.2023	31.03.2022
046 Net gain on sale of investments	0.00	0.00
047 Surcharge received from customers	27,444,920.00	136,777,761.00
048 Hire charges for equipment	0.00	0.00
049 Gain on option contract / Discount on P.ExchContract	9,477,423.00	32,417,197.32
050 Provision written back-others	29,478,950.24	1,166,128.43
051 Fair value gain/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
052 Interest from Solar payment security account	0.00	0.00
053 Less : Transferred to SPSA fund	0.00	0.00
054 Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
055 Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
056 Miscellaneous Income	79,233,538.13	389,601,612.52
057 Total	161,938,618.34	577,405,851.42
058 Less: Transferred to Development of Coal Mines- Note 43A	0.00	0.00
059 Less: Transferred to Expenditure during Construction period (net)- Note 43	57,267.55	-855.08
060 Less: Others	0.00	0.00
061 Less: Transferred to payable to Govt. of Jharkhand	0.00	0.00
063	0.00	0.00
064	0.00	0.00
065 Total	161,881,350.79	577,406,706.50
066	0.00	0.00
067 Details of Miscellaneous Income	0.00	0.00
068 Vehicle Hire Charges	142,000.00	196,000.00
069 Sale of by products & residuals	0.00	0.00
070 Township recoveries (excl. Hospital Recoveries)	6,193,012.07	9,045,665.98
071 Depreciation written back	0.00	0.00
072 Sale of Scrap	41,613,074.06	15,763,438.55
073 Receipt under loss of profit policy	0.00	0.00
074 Receipts under MBD/Fire Policy	0.00	361,010,528.00
075 Management development programme	0.00	0.00
076 Management Fee - Misc (NVVN)	0.00	0.00
077 Others	29,085,452.00	4,585,979.99
078	0.00	0.00
079 Total (Miscellaneous Income)	79,233,538.13	389,601,612.52
080	0.00	0.00
081 Details of Provision written back others	0.00	0.00
082 Doubtful debts	0.00	0.00
083 Doubtful Loans, Advances and Claims	1,700,000.00	0.00
084 Doubtful Construction Advances	0.00	0.00
085 Shortage in Construction Stores	0.00	1,141,116.00
086 Shortage in Stores	21,109,696.59	0.00
087 Obsolescence in Stores	156,012.70	25,012.43

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS--OTHER INCOME

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended		
088 Unserviceable capital works	3,634,431.00	0.00
089 Other Obligation including Arbitration	0.00	0.00
090 Shortage in Fixed Assets	2,878,709.95	0.00
091 Diminution in value of Investment	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38A TO THE FS--FUEL COST

(Amount in ₹)

	For the Year ended	31.03.2023	31.03.2022
001	FUEL COST	0.00	0.00
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	60,368,239,088.41	40,856,522,910.29
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	403,496,511.95	581,827,011.35
008	Biomass Pellets & Others	26,116,685.27	124,612,462.44
009		0.00	0.00
010	Total	60,797,854,265.63	41,563,162,384.08
011		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 39 TO THE FS-EMPLOYEE BENEFITS EXPENSE

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended	31.03.2023	31.03.2022
001 EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002 Salaries and wages	1,236,658,603.47	1,157,310,121.31
003 Contribution to provident and other funds	156,774,783.63	147,451,879.69
004 Unwinding of deferred payroll expense	8,377,876.72	7,725,304.95
005 Staff welfare expenses	172,596,268.23	158,941,066.08
006 Less: Expenses transferred to Consultancy group	0.00	0.00
007	0.00	0.00
008 Sub Total	1,574,407,532.05	1,471,429,292.03
009 Less: Employee benefits expense allocated to fuel inventory	78,415,170.82	76,083,178.07
010 Less: Transferred/Allocated to development of coal mines	0.00	0.00
011 Less: Others	0.00	0.00
012 Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013 Less: Transferred to CSR Expenses	0.00	0.00
014 Reimbursements for employees on secondment	1,035,352.56	0.00
015 Less: Transferred to expenditure during construction period (net)- Note 43	31,045,755.13	15,663,390.70
016 Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018	0.00	0.00
019 TOTAL	1,403,911,053.54	1,379,662,723.26
020 Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
021 Salaries and wages	0.00	0.00
022 Contribution to provident and other funds	0.00	0.00
023 Staff welfare expenses	0.00	0.00
024 Directors fee	0.00	0.00
025	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 40 TO THE FS-FINANCE COSTS

(Amount in ₹)

	For the Year ended 31.03.2023	31.03.2022
001 FINANCE COSTS	0.00	0.00
002 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003 Bonds	1,633,396,061.51	1,648,092,233.55
004 Government of India Loans	0.00	0.00
005 Foreign currency term loans	179,177,689.60	160,550,962.61
006 Rupee term loans	1,303,091,847.00	1,310,758,824.24
007 Public deposits	0.00	0.00
008 Foreign currency bonds/notes	526,661,457.38	767,489,311.79
009 Cash Credit	0.00	0.00
010 Unwinding of discount on account of vendor liabilities	2,172,632.69	2,090,618.86
011 Commercial Papers	0.00	0.00
012 Sub Total	3,646,519,686.18	3,987,661,971.05
013 Interest on non financial items	0.00	0.00
014 Other Borrowing Costs	0.00	0.00
015 Bonds servicing & public deposit exp.	1,930,841.33	2,004,147.09
016 Guarantee fee	0.00	0.00
017 Management fee	0.00	0.00
018 Commitment charges/exposure premium	340,843.99	967,962.49
019 Bond issue expenses	0.00	0.00
020 Legal exp on foreign currency loans	0.00	0.00
021 Foreign currency bonds/notes exp.	0.00	0.00
022 Up-front fee	0.00	0.00
023 Insurance premium on foreign currency loans	0.00	0.00
024	0.00	0.00
025 Others	0.00	0.00
026 Sub Total (Other Borrowing cost)	2,271,685.32	2,972,109.58
027	0.00	0.00
028 Exchange differences regarded as an adjustment to borrowing costs	138,056,113.56	-76,363,443.00
029 Sub Total	3,786,847,497.06	3,814,490,637.63
030 Less: Transferred to Expenditure during construction period (net) - Note 43	102,619,236.95	65,320,936.49
031 Less: Transferred to development of coal mines- Note 43A	0.00	0.00
032	0.00	0.00
034 Total	3,684,228,259.11	3,749,169,701.14

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended	31.03.2023	31.03.2022
001 Depreciation and amortization expenses	0.00	0.00
002 On property, plant and equipment- Note 2	8,540,681,121.43	8,303,417,174.33
003 On investment property	0.00	0.00
004 On intangible assets- Note 4	3,327,904.58	3,332,240.99
005	0.00	0.00
006 Sub-total	8,544,009,026.01	8,306,749,415.32
007 Less:	0.00	0.00
008 Allocated to fuel inventory	485,689,176.62	477,645,071.98
009 Transferred to Expenditure during Construction Period (net)- Note 43	0.00	0.00
010	0.00	0.00
011 Transferred/Allocated to development of coal mines	0.00	0.00
012 Adjustment with deferred revenue from deferred foreign currency fluctuation	396,954,000.00	311,361,000.00
013	0.00	0.00
015 Total	7,661,365,849.19	7,517,543,343.36

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2023	31.03.2022
001 OTHER EXPENSES	0.00	0.00
002 Power charges	49,618,890.00	20,587,674.00
003 Less: Recovered from contractors & employees	5,924,504.46	14,485,557.94
004 Sub-Total(Power Charges)	43,694,385.54	6,102,116.16
005 Water charges	392,909,516.00	259,428,111.00
006 Stores consumed	278,822,248.61	138,922,858.80
007 Rent	2,812,248.00	534,600.00
008 Less Recoveries	0.00	0.00
009 Sub-Total (Rent)	2,812,248.00	534,600.00
010 Cost of captive coal produced	0.00	0.00
011 Repairs & maintenance	0.00	0.00
012 Buildings	96,938,603.10	88,197,736.32
013 Plant & machinery	0.00	0.00
014 Power stations	1,817,256,404.45	1,726,438,220.61
015 Construction equipment	9,529,522.69	13,811,342.06
016 Others	131,107,012.02	73,779,341.18
017 Sub-total (Repairs & maintenance)	2,054,831,542.26	1,902,226,640.17
018 Load Dispatch Center Charges	10,144,429.00	8,836,689.00
021 Insurance	128,313,886.17	98,862,968.90
022 Interest to beneficiaries	1,140,317,098.00	468,841.00
023 Rates and taxes	61,319,773.18	60,086,237.30
024 Water cess & environment protection cess	0.00	29,040.00
025 Training & recruitment expenses	1,417,662.00	1,989,025.00
026 Less: Receipts	0.00	0.00
027 Sub-total (Training and recruitment expenses)	1,417,662.00	1,989,025.00
028 Communication expenses	20,839,060.78	15,950,411.09
029 Inland Travel	67,691,583.09	58,079,926.49
030 Foreign Travel	1,414,513.47	0.00
031 Tender expenses	0.00	25,399.00
032 Less: Receipt from sale of tenders	0.00	0.00
033 Sub-total (Tender expenses)	0.00	25,399.00
034 Payment to auditors	0.00	0.00
035 Audit fee	0.00	0.00
036 Tax audit fee	0.00	0.00
037 Other services	0.00	0.00
038 Reimbursement of expenses	0.00	9,970.00
039 Sub-total (Payment to Auditors)	0.00	9,970.00
040 Advertisement and publicity	3,980,721.00	1,710,202.00
041 Electricity duty	0.00	0.00
042 Security expenses	233,755,095.24	214,960,887.08
043 Entertainment expenses	17,707,386.75	14,422,663.44
044 Expenses for guest house	28,070,706.10	25,203,227.00
045 Less Recoveries	1,417,595.00	1,253,049.60
046 Sub-Total (Guest house expenses)	26,653,113.10	23,950,177.40
047 Education expenses	0.00	2,065,570.00
049 Donations	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	31.03.2023	31.03.2022
For the Year ended	31.03.2023	31.03.2022
050 Ash utilisation & marketing expenses	884,428,391.43	608,667,959.71
051 Directors sitting fee	0.00	0.00
053 Professional charges and consultancy fees	4,621,937.00	3,735,709.00
054 Legal expenses	13,374,062.00	11,312,945.00
055 EDP hire and other charges	3,192,550.91	2,875,299.97
056 Printing and stationery	2,318,069.00	2,053,706.00
057 Oil & gas exploration expenses	0.00	0.00
059 Hiring of vehicles	24,977,776.12	22,611,615.19
061 Reimbursement of L.C charges on sales realisation	0.00	0.00
062 LOSS ON FAIR VALUATION OF NON-CURRENT TRADE RECEIVABLE AT AMORTISED COST	0.00	0.00
063 Cost of Hedging	0.00	0.00
064 Derivatives MTM loss/gain (Net)	0.00	0.00
065 Net loss/(gain) in foreign currency transactions & translations	135,137,634.46	-14,008,579.22
066 Transport Vehicle running expenses	3,328,841.44	3,397,320.92
067 Horticulture Expenses	24,355,409.71	22,816,006.52
068 Hire charges- helicopter/aircraft	0.00	0.00
069 Hire charges of construction equipment	1,110,656.00	1,301,754.00
070 Demurrage Charges	0.00	0.00
072	0.00	0.00
073 Miscellaneous expenses	37,250,806.26	54,782,273.89
074 Loss on disposal/write-off of PPE	55,251,105.65	41,779,492.58
075 Sub-Total	5,675,951,690.17	3,568,150,857.39
076 Less: Other expenses allocated to fuel inventory	364,909,440.58	330,264,648.77
077 Less: Transferred/Allocated to development of coal mines	0.00	0.00
078 Less: Transferred to fly ash utilisation reserve fund	15,653,344.04	20,336,916.17
079 Less: Hedging cost Net recoverable/payable from/to beneficiaries	0.00	0.00
080 Less: Others	0.00	0.00
081 Less: Transferred to CSR Expenses	0.00	0.00
082 Less: Transferred to Expenditure during Construction period(net)-Note 43	6,400,562.25	1,099,488.53
083 Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084 Net (Generation, Administration and Other expenses)	5,288,988,343.30	3,215,849,803.92
085 Corporate Social Responsibility Expenses	15,762,412.00	194,124.00
086 Less: Grants-in-aid	0.00	0.00
087 Sub-total (Corporate Social Responsibility Expenses)	15,762,412.00	194,124.00
088 Provisions	0.00	0.00
089 Doubtful Debts	0.00	0.00
090 Doubtful loans, advances and claims	0.00	0.00
091 Doubtful Construction Advances	0.00	0.00
092 Shortage in stores	216,442.00	117,335.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 42 TO THE FS—OTHER EXPENSE

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2022
093 Obsolete/Diminution in the value of surplus stores	11,005,012.28	216,113.04
094 Shortage in construction stores	0.00	238,649.00
095 Diminution in value of long term investments	0.00	0.00
096 Shortage in Fixed assets	3,521,877.00	0.00
097 Unfinished minimum work/ progress from oil & gas exploration	0.00	0.00
098 Unserviceable capital works	0.00	0.00
099 Tariff Adjustment	-421,499,000.00	230,911,000.00
100 Others	0.00	0.00
101 (i) Provision for arbitration cases	11,714,178.00	29,904,534.00
102 (ii) Other provisions	0.00	0.00
103 Total (Provisions)	-398,041,690.72	261,386,631.04
104	0.00	0.00
108 Total	4,906,709,064.58	3,477,432,558.96
107	0.00	0.00
108 Breakup of miscellaneous expenses.	0.00	0.00
110 Hire charges of office equipment	559,604.00	134,520.00
112 Operating expenses of construction equipment	0.00	0.00
113 Operating expenses of D.G. sets	0.00	0.00
114 Furnishing expenses	234,396.33	177,967.95
115 Subscription to trade and other associations	12,000.00	0.00
117 Visa and entry permit charges	0.00	0.00
118 Tree plantation exp.-NTPC Land	8,565,912.15	5,882,080.36
119 Research & development expenses	0.00	0.00
120 Less : Grants received for Research & development expenses	0.00	0.00
121 Sub-total (Research & development expenses)	0.00	0.00
122 Bank charges	-325,731.36	834,452.92
123 Business Development Expenditure	0.00	0.00
124 Surcharge (NVVN)	0.00	0.00
125 Power Trading Expenses	10,303,473.00	32,400,221.00
126 Brokerage & commission	2,374,836.13	3,090,855.50
130 Books and periodicals	90,332.00	94,739.00
131 Claims/advances written off	0.00	0.00
132 Stores written off	18,605.25	0.00
133 Survey & investigation expenses written off	0.00	0.00
134 Others	15,417,379.76	11,577,437.14
135 Total	37,250,806.26	54,792,273.89
136	0.00	0.00
137	0.00	0.00
138	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended 31.03.2023	31.03.2022
001 EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00	0.00
002 A. Employee benefits expense	0.00	0.00
003 Salaries and wages	28,035,790.60	13,782,931.67
004 Contribution to provident and other funds	1,709,720.23	1,139,923.84
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	1,300,244.30	750,535.19
007 Total (A)	31,045,755.13	15,683,390.70
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	27,166,725.00	21,797,178.31
011 Foreign currency term loans	28,458,817.73	14,540,076.07
012 Rupee term loans	20,847,883.00	17,576,125.34
013 Foreign currency bonds/notes	3,934,503.00	6,340,172.99
014 Unwinding of discount on account of vendor liabilities	0.00	1,751,566.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangers Fees	0.00	0.00
020 Commitment charges/Exposure Premium	340,643.99	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	4,602,656.81	2,477,674.85
027 Exchange differences regarded as adjustment to interest cost	17,267,605.32	-1,162,057.07
028 Total (B)	102,619,236.95	65,320,936.40
028	0.00	0.00
030 C. Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less: Recovered from contractors & employees	15,011.80	0.00
034 Sub-total(Net power charges)	-15,011.80	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	690,438.83
039 Construction equipment	4,884,360.08	0.00
040 Others	32,105.73	163,613.00
041	0.00	0.00
042 Insurance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended	31.03.2023	31.03.2022
043	Rates and taxes	215.64	0.00
044	Communication expenses	185,546.64	73,646.62
045	Travelling expenses	897,532.98	588,842.08
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	228,085.00	141,750.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	700.00	0.00
063	Miscellaneous expenses	189,025.98	41,196.00
064	Total (D)	6,400,562.25	1,699,488.53
065	Total (A+B+C+D)	140,265,554.33	82,703,815.72
066	E. Less: Other income	0.00	0.00
067	Interest from:	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	57,267.55	-855.08
076	TOTAL (E)	57,267.55	-855.08
077	F. Net actuarial gain/loss (OC)	-146,990.07	66,355.11
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	140,061,296.71	82,761,025.91
080		0.00	0.00
081	* Balance carried to Capital Work-in-progress - (Note 3)	140,061,296.71	82,761,025.91

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2022
001 EDC- Coal Mining	0.00	0.00
002 A- Employee benefits expense	0.00	0.00
003 Salaries and wages	0.00	0.00
004 Contribution to provident and other funds	0.00	0.00
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	0.00	0.00
007 Total (A)	0.00	0.00
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	0.00	0.00
011 Foreign currency term loans	0.00	0.00
012 Rupee term loans	0.00	0.00
013 Foreign currency bonds/notes	0.00	0.00
014 Unwinding of discount on account of vendor liabilities	0.00	0.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangem Fees	0.00	0.00
020 Commitment charges/Exposure Premium	0.00	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	0.00	0.00
027 Exchange differences regarded as adjustment to interest cost	0.00	0.00
028 Total (B)	0.00	0.00
029	0.00	0.00
030 C- Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less- Recovered from contractors & employees	0.00	0.00
034 Sub-total(Net power charges)	0.00	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	0.00
039 Construction equipment	0.00	0.00
040 Others	0.00	0.00
041 Cost of Captive Coal	0.00	0.00
042 Insurance	0.00	0.00
043 Rates and taxes	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2022
044. Communication expenses	0.00	0.00
045. Travelling expenses	0.00	0.00
046. Tender expenses	0.00	0.00
047. Less: Income from sale of tenders	0.00	0.00
048. Sub-total (Net tender expenses)	0.00	0.00
049. Advertisement and publicity	0.00	0.00
050. Security expenses	0.00	0.00
051. Entertainment expenses	0.00	0.00
052. Guest house expenses	0.00	0.00
053. Less: Receipt from guest house	0.00	0.00
054. Sub-total (Net Guest House Expenses)	0.00	0.00
055. Education expenses	0.00	0.00
056. Brokerage & Commission	0.00	0.00
057. Books and periodicals	0.00	0.00
058. Community development expenses	0.00	0.00
059. Professional charges and consultancy fee	0.00	0.00
060. Legal expenses	0.00	0.00
061. EDP Hire and other charges	0.00	0.00
062. Printing and stationery	0.00	0.00
063. Miscellaneous expenses	0.00	0.00
064. Total (D)	0.00	0.00
065. Total (A+B+C+D)	0.00	0.00
066. E. Less: Other Income	0.00	0.00
067. Interest from	0.00	0.00
068. Indian banks	0.00	0.00
069. Foreign banks	0.00	0.00
070. Others	0.00	0.00
071. Contractors	0.00	0.00
072. Hire charges	0.00	0.00
073. Sale of scrap	0.00	0.00
074. Exchange Differences	0.00	0.00
075. Miscellaneous income	0.00	0.00
076. TOTAL (E)	0.00	0.00
077. F. Net actuarial gain/loss OCI	0.00	0.00
078.	0.00	0.00
079. GRAND TOTAL (A+B+C+D+E+F)	0.00	0.00
080.	0.00	0.00
081. * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS
(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	2,075.08	2,075.08
007 (b) value (in rs)	3,707,484,497.00	3,707,484,497.00
008 Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjust	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 -Freehold	0.00	0.00
016 -Right of Use	0.00	0.00
017 (b) value (in rs)	0.00	0.00
018 -Freehold	0.00	0.00
019 -Right of Use	0.00	0.00
020 Right-of-use buildings pending completion of legal formalities - value (in rs.)	0.00	0.00
021 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022 Property, plant & equipment	8,765,690,250.00	7,993,454,266.00
023 Intangible assets	0.00	0.00
024 Details of precommissioning expenditure	0.00	0.00
025 (a) precommissioning expenses	0.00	0.00
026 (b) precommissioning income	0.00	0.00
027 (c) net precommissioning expenditure	0.00	0.00
028	0.00	0.00
029	0.00	0.00
030	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	255,311,942.70	28,110,931.18
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	49,475,149.94	331,178,535.19
064 Short Term Leases	0.00	0.00
065 A) Rent	0.00	0.00
066 Company lease accommodation - executives	0.00	0.00
067 Company lease accommodation - directors	0.00	0.00
068 Others	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2023	31.03.2022
069 Total	0.00	0.00
101 Borrowing cost capitalised during the year	102,425,034.00	65,320,936.49
102 Revenue grants recognized during the year	0.00	0.00
103 Revenue expenditure on research and development	0.00	0.00
104 Capital expenditure on research and development	0.00	0.00
105 Expenditure on sustainability development - capital	215,095.00	2,630,563.00
106 Expenditure on cap- capital	0.00	0.00
107 Opening balance - CSR Liability	0.00	0.00
108 Paid/Adjusted during the Year out of Opening above	0.00	0.00
109 Amount yet to be paid against Cr Year CSR Exp	0.00	0.00
110 Closing Balance CSR- Liability (110)	0.00	0.00
111	0.00	0.00
112	0.00	0.00
113	0.00	0.00
114	0.00	0.00
115 Disclosure under exempted act 2006	0.00	0.00
116 (i) (a) the principal amount remaining unpaid as at year end	136,673,702.58	-317,827,980.15
117 (i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118 (ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119 (iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120 (iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122 Amount of inventories recognized as an expense (including fuel)	61,977,342,570.10	42,662,375,041.35
123 Amount of inventories capitalised as overhauling assets out of 122 above	120,169,007.98	169,556,309.89
124 Amount capitalised as edc out of 122 above	0.00	0.00
133 Value of Imported Material Consumed during the Year	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of	0.00	0.00
137 (i)Capital works	4,162,132,695.00	5,243,695,518.00
138 (ii)Land compensation cases	0.00	2,000,000.00
139 (iii)Others by state authorities towards-	0.00	0.00
140 (a) Water royalty / water charges / raita tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2023	31.03.2022
142 (c) Other demands by state authorities	0.00	0.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	0.00	0.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	22,789,257.28	22,789,257.28
149 B. Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax/GST	923,619.02	868,248.18
154 (v) Entry tax	0.00	0.00
155 C. Others	0.00	0.00
156 Total	4,185,845,571.30	5,269,357,023.46
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii) Land compensation cases	0.00	0.00
160 (iii) Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	0.00	0.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vi) Others	0.00	0.00
167 Total	0.00	0.00
168 E. AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169 F. CONTINGENT ASSETS	0.00	0.00
170 Intangible under development, less than 1 year	0.00	0.00
171 Intangible under development #: 1-2 year	0.00	0.00
227 Intangible under development #: 2-3 year	0.00	0.00
277 Intangible under development #: More than 3 years	0.00	0.00
278 Capital-Work-in Progress (CWIP)	0.00	0.00
279 Projects in progress	8,631,290,607.00	7,180,334,492.93
280 Projects temporarily suspended	0.00	0.00
281	0.00	0.00
282	0.00	0.00
283 Projects in progress	0.00	0.00
284 Less than 1 year	2,673,270,283.00	3,372,918,145.54
285 1-2 years	2,814,390,336.00	2,580,933,392.56
286 2-3 years	2,088,888,789.00	1,015,139,974.12
287 More than 3 years	1,054,741,199.00	211,342,980.71
288 Sub Total (i)	8,631,290,607.00	7,180,334,492.93
289	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 44-A TO THE FINANCIAL STATEMENTS****(Amount in ₹)**

As at	31.03.2023	31.03.2022
290 Projects temporarily suspended	0.00	0.00
291 Less than 1 year	0.00	0.00
292 1-2 years	0.00	0.00
293 2-3 years	0.00	0.00
294 More than 3 years	0.00	0.00
295 Sub Total (ii)	0.00	0.00
296	0.00	0.00
380 Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

For the Year ended	31.03.2023	31.03.2022
001 1) Transactions during the year- subsidiaries	0.00	0.00
002 Purchase of equipment, supply & erection services	0.00	0.00
003 Purchase of spares	0.00	0.00
004 Maintenance services	0.00	0.00
005 Contracts for works/services for services provided by the company	0.00	0.00
006 Deputation of employees	0.00	0.00
007 Sales of goods	0.00	0.00
008 Sales of property and other assets	0.00	0.00
009 Sub-total	0.00	0.00
010	0.00	0.00
011 Dividend received	0.00	0.00
012 Equity contributions made	0.00	0.00
013 Share application money pending allotment	0.00	0.00
014 Loans granted	0.00	0.00
016 Interest on Loan	0.00	0.00
016 Guarantees received	0.00	0.00
017 Guarantees provided	0.00	0.00
018 Sub-total	0.00	0.00
019	0.00	0.00
020 Transactions during the year- jvs	0.00	0.00
021 Purchase of equipment, supply & erection services	1,381,310.00	4,477,413.00
022 Purchase of spares	0.00	0.00
023 Maintenance services	609,341,790.56	591,386,598.70
024 Contracts for works/services for services provided by the company	0.00	0.00
025 Deputation of employees	0.00	0.00
026 Sales of goods	0.00	0.00
027 Sales of property and other assets	0.00	0.00
028 Sub-total	610,723,109.56	595,864,011.70
029 Dividend received	0.00	0.00
030 Equity contributions made	0.00	0.00
031 Share application money pending allotment	0.00	0.00
032 Loans granted	0.00	0.00
033 Guarantees received	0.00	0.00
034 Interest on Loan	0.00	0.00
035 Guarantees provided	0.00	0.00
036 Sub-total	0.00	0.00
037 Total	610,723,109.56	595,864,011.70
038 Transactions with post employment benefit plans	0.00	0.00
039 Contributions made during the year	0.00	0.00
040 Compensation to key management personnel	0.00	0.00
041 Short term employee benefits	0.00	0.00
042 Post employment benefits	0.00	0.00
043 Other long term benefits	0.00	0.00
044 Termination benefits	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44-B TO THE FS-RPD DISCLOSURE- TRANSACTIONS DURING THE PERIOD

(Amount in ₹)

	For the Year ended 31.03.2023	31.03.2022	
045	Sitting Fee	0.00	0.00
046	Share based payments	0.00	0.00
047	Sub-total	0.00	0.00
048	Transactions with the related parties under the control of the same government:	0.00	0.00
049	Coal india ltd. And its subsidiaries- purchase of coal	25,290,066,361.49	20,090,960,046.00
050	Singareni coalfields ltd- purchase of coal	760,132,576.00	598,234,611.00
051	Bhel ltd.	0.00	0.00
052	Purchase of equipment, supply & erection services	1,063,615,514.01	790,844,883.70
053	Purchase of spares	233,289,208.20	408,817,526.96
054	Maintenance services	406,672,024.62	482,281,626.36
055	Sub-total	1,703,777,434.83	1,681,944,037.04
056	Gail (i) ltd. Supply of natural gas	0.00	0.00
057	ioil supply of oil products	349,316,284.62	24,717,635.25
058	Bpcl-supply of natural gas and oil	0.00	516,885,474.00
059	Sail-supply of steel and iron products	205,117,459.71	157,265,672.49
060	Other entities	0.00	0.00
061	Purchase of equipments & erection services	17,795,363.94	224,694,739.64
062	Purchase of spares	22,320,564.99	64,316,936.62
063	Maintenance services	183,740,740.43	88,950,630.60
064		0.00	0.00
065	Total	28,532,266,786.01	23,747,969,962.64
066	Transaction with other	0.00	0.00
067	Transaction with ntpc education and research society and ntpc foundation	0.00	0.00
068	- transactions during the year	0.00	0.00
069	ADDITIONAL TRANSACTIONS WITH RELATED PARTIES FOR PSU	0.00	0.00
070	Additional Transactions with GAIL	0.00	0.00
071	Additional Transactions with subsidiaries	0.00	0.00
072	Additional Transactions with joint ventures	0.00	0.00
073		0.00	0.00
074		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 44-C TO THE FS-RPD DISCLOSURE- OUTSTANDING BALANCES

(Amount in ₹)

As at	31.03.2023	31.03.2022
001 Outstanding balance	0.00	0.00
002 Amount recoverable towards loans	0.00	0.00
003 - From Subsidiaries	0.00	0.00
004 - From JVC	0.00	0.00
005 - From KMP	0.00	0.00
006 - From Others	0.00	0.00
007 Sub-total	0.00	0.00
008 Amount recoverable other than loan	0.00	0.00
009 - from subsidiaries	0.00	0.00
010 - from joint ventures	0.00	0.00
011 - from key managerial personnel	0.00	0.00
012 - from post employment benefit plans	0.00	0.00
013 - from others	0.00	0.00
014 Sub-total	0.00	0.00
015 Amount payable	0.00	0.00
016 - from subsidiaries	0.00	0.00
017 - from joint ventures	273,464,772.20	55,575,823.77
018 - from key managerial personnel	0.00	0.00
019 - from post employment benefit plans	0.00	0.00
020 - from others	0.00	0.00
021 Sub-total	273,464,772.20	55,575,823.77
022	0.00	0.00



**MAUDA SUPER THERMAL POWER PROJECT
BALANCE SHEET**

(Amount in ₹)

As at	Note	31.03.2024	31.03.2023
001	ASSETS	0.00	0.00
002		0.00	0.00
003	NON-CURRENT ASSETS	0.00	0.00
004	PROPERTY, PLANT & EQUIPMENT	86,577,321,101.79	85,598,132,276.26
005	CAPITAL WORK IN PROGRESS	9,672,378,790.15	8,571,290,357.46
006	INVESTMENT PROPERTY	0.00	0.00
007	INTANGIBLE ASSETS	30,249,117.77	40,089,332.96
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	0.00	0.00
009	FINANCIAL ASSETS	0.00	0.00
010	(I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	0.00	0.00
011	(II) OTHER INVESTMENTS	0.00	0.00
012	III LOANS	120,821,799.49	154,279,324.03
013	(IV) TRADE RECEIVABLES	0.00	0.00
014	(V) OTHER FINANCIAL ASSETS	0.00	0.00
015	OTHER NON-CURRENT ASSETS	2,479,053,563.31	2,411,029,389.81
017	TOTAL NON-CURRENT ASSETS	109,109,123,802.27	107,208,931,000.02
018		0.00	0.00
019	CURRENT ASSETS	0.00	0.00
020	INVENTORY	8,025,254,290.20	5,338,910,241.29
021	FINANCIAL ASSETS	0.00	0.00
022	(I) OTHER INVESTMENTS	0.00	0.00
023	(II) TRADE RECEIVABLES	0.00	0.00
024	(III) CASH AND CASH EQUIVALENTS	0.00	0.00
025	(IV) BANK BALANCES (OTHER THAN CASH AND CASH EQUIVALENTS)	0.00	0.00
026	(V) LOANS	83,963,113.76	83,374,998.21
027	(VI) OTHER FINANCIAL ASSETS	89,207,571.53	41,621,338.32
028	CURRENT TAX ASSETS (NET)	0.00	0.00
029		0.00	0.00
030	OTHER CURRENT ASSETS	5,144,000,009.15	4,148,918,840.31
031		0.00	0.00
032	TOTAL CURRENT ASSETS	14,009,146,893.64	9,708,816,421.27
033	ASSETS HELD FOR SALE	0.00	0.00
034	REGULATORY DEFERENTIAL ACCOUNT (NET) BALANCES	1,911,021,261.69	26,028,437.69
037	TOTAL ASSETS	125,049,331,796.17	117,233,641,488.02
038	EQUITY AND LIABILITIES	0.00	0.00
039	EQUITY	0.00	0.00
040	EQUITY SHARE CAPITAL	0.00	0.00
041	OTHER EQUITY	89,600,803,202.37	89,247,021,488.42
044	TOTAL EQUITY	89,600,803,202.37	89,247,021,488.42
045		0.00	0.00
046	LIABILITIES	0.00	0.00
047	NON-CURRENT LIABILITIES	0.00	0.00
048	FINANCIAL LIABILITIES	0.00	0.00
049	(I) BORROWINGS	0.00	0.00



**MAUDA SUPER THERMAL POWER PROJECT
BALANCE SHEET**

(Amount in ₹.)

As at	Note	31.03.2024	31.03.2023
001	(I) LONG TERM DEBTS	0.00	0.00
002	(II) TRADE PAYABLES	0.00	0.00
003	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	0.00	0.00
004	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	0.00	0.00
005	(A) OTHER FINANCIAL LIABILITIES	16,147,157.27	15,473,499.70
006	PROVISIONS	0.00	0.00
007	DEFERRED TAX LIABILITIES (NET)	0.00	0.00
008	OTHER NON-CURRENT LIABILITIES	47,889,209.00	32,543,337.30
009		0.00	0.00
010	TOTAL NON-CURRENT LIABILITIES	64,036,366.27	48,016,837.00
011		0.00	0.00
012	CURRENT LIABILITIES	0.00	0.00
013	FINANCIAL LIABILITIES	0.00	0.00
014	(I) BORROWINGS	0.00	0.00
015	(II) LEASE LIABILITIES	0.00	0.00
016	(III) TRADE PAYABLES	0.00	0.00
017	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	195,114,943.65	48,126,330.45
018	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	3,332,773,896.71	2,776,679,000.28
019	(IV) OTHER FINANCIAL LIABILITIES	2,330,285,794.10	8,079,034,332.49
020	OTHER CURRENT LIABILITIES	95,754,273.28	238,647,280.34
021	PROVISIONS	622,193,444.31	603,896,242.76
022	CURRENT TAX LIABILITIES (NET)	0.00	0.00
023		0.00	0.00
024	TOTAL CURRENT LIABILITIES	16,879,853,362.05	11,796,165,911.21
025		0.00	0.00
026	DEFERRED REVENUE	3,463,210,000.00	4,180,000,000.00
027	REGULATORY CAPITAL ACCOUNT CREDIT BALANCES	0.00	0.00
028	INTER UNIT ACCOUNTS	21,286,515,216.70	41,026,110,032.89
029		0.00	0.00
030	TOTAL EQUITY AND LIABILITIES	115,247,653,199.02	117,223,642,169.89
031	Minor Accounting Policies as per note 1	0.00	0.00
032		0.00	0.00
033	The Accounting over 1 to 484 form an integral part of these financial statements.	0.00	0.00
034		0.00	0.00

SIVASH
SOMNATH
KAPUR

(Auditor Initial & Stamp)

VENKATESWA
R BOMPADA

(Head of Finance)

Digitally signed by
VENKATESWA
R BOMPADA
DN: cn=VENKATESWA
R BOMPADA, o=NTPC
LIMITED, email=venkatesw
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(Head of Unit)

के एम के प्रुष्टि
K M K PRUSTY
Head of Project
एनटीपीसी लिमिटेड, मुंबई, महाराष्ट्र
NTPC Limited Mumbai, Dist. Nager



**MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS**

(Amount in ₹)

	For the Year ended	Note	31.03.2024	31.03.2023
001	Revenue		0.00	0.00
002	Revenue from operations	40	11,798,704,333.70	81,943,110,319.82
003	Other income	41	88,024,120.13	101,861,350.29
005	Total Income		11,886,728,453.83	82,044,971,670.11
007	Expenses		0.00	0.00
008	Fuel including cost of income tax	42	59,331,457,094.84	90,787,254,282.83
009	Employee benefits expense	43	1,40,373,140.29	1,40,011,252.54
010	Electricity purchased for making		0.00	0.00
011	Finance costs	44	3,139,241,039.47	3,084,334,264.11
012	Depreciation, amortisation and impairment expenses	45	7,718,644,227.89	7,081,361,879.10
013			0.00	0.00
014	Other expenses	46	4,789,410,947.41	5,008,845,364.38
015	CC expenses (charge to revenue)		6,18,982,180.29	712,328,622.14
016	Less: CC expenses transferred to CC		156,236,474.23	107,785,287.19
017	Total expenses		67,428,146,434.82	75,182,379,312.85
020	Profit before exceptional items & tax		15,826,611,955.79	14,838,299,427.55
021	Exceptional items		0.00	0.00
024	Profit before tax		15,826,611,955.79	14,838,299,427.55
025	Tax expense		0.00	0.00
026	Corporate tax		0.00	0.00
027	Income tax		0.00	0.00
028			0.00	0.00
029	Total Tax expense		0.00	0.00
030	Profit for the period before regulatory deferral account balances		15,826,611,955.79	14,838,299,427.55
037	Movement in regulatory deferral account balances		0.00	0.00
038	Regulatory deferred account - defined		0.00	0.00
039	Other		427,791,125.28	1,071,961,322.85
040	Tax impact on regulatory deferral account balances		0.00	0.00
041	Net movement in regulatory deferral account balances (net of tax)		427,791,125.28	1,071,961,322.85
042	Profit for the period/year		16,254,403,081.07	15,910,260,750.40
055	Other comprehensive income		0.00	0.00
056	(A) Items that will not be reclassified to profit or loss		0.00	0.00
057	- Net gain/loss on fair value of equity investments through other comprehensive income		0.00	0.00
058	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
059	- Net gain/loss (loss) on defined benefit plans		3,271,803.44	6,414,760.85
060	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
064			0.00	0.00
065	Other comprehensive income for the year, net of income tax		3,271,803.44	6,414,760.85
070			0.00	0.00
071			0.00	0.00
072	Total Comprehensive Income for the year		19,526,204,884.51	22,325,021,511.25



**MAUDA SUPER THERMAL POWER PROJECT
STATEMENT OF PROFIT AND LOSS**

(Amount in ₹)

For the Year ended	Note	31.03.2024	31.03.2023
000		0.00	0.00
007	Earnings per equity share	0.09	0.38
05A	Debt & Other	(0.10)	0.10
005	Dividend Accruing Policy	0.00	0.00
090		0.00	0.00
001	The accompanying notes T to 46 form an integral part of these financial statements.	0.00	0.00

SUYASH
SOMNATH
KAPUR
(Auditor Initial & Stamp)

Digitally signed by
VENKATESWA
R. BOMPADA
DN: cn=VENKATESWA
R. BOMPADA, o=NTPC,
ou=MAUDA SUPER THERMAL
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(Head of Finance)


(Head of Unit)
के एम के प्रुस्टी
एनटीपीसी प्रोजेक्ट
K M K PRUSTY
Head of Project
एनटीपीसी लिमिटेड सीड, सिडर बंगला
NTPC Limited Maunli, Distt. Nagpur

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
 Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2023	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2024	Opening Depreciation As At 31.03.2023	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2024	Net Book Value As At 31.03.2024	Net Book Value As At 31.03.2023
1 TANGIBLE ASSETS	3.00	0.00	0.00	3.00	3.00	0.00	0.00	3.00	0.00	0.00
2 Land (including development expenditure)	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00
3 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 Right of Use	1,07,04,113.50	0.00	0.00	1,07,04,113.50	1,42,27,600.00	98,71,070.00	0.00	1,42,27,600.00	2,54,27,113.24	20,24,811.50
5 Sitma/permits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Right of way - Civil	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00
Opening Area Land										
7 Roads/bridges, culverts & flyovers	24,07,51,071.41	4,23,37,962.20	0.00	24,30,89,033.61	14,29,38,202.24	98,71,070.00	0.00	14,29,38,202.24	1,45,12,161.37	1,45,12,161.37
8 Building	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 Main street	1,28,88,020.54	1,22,09,020.00	0.00	1,50,97,040.54	27,70,000.00	88,83,134.14	0.00	26,81,704.20	1,24,15,336.34	1,10,08,879.23
11 Others	2,80,72,000.43	7,18,77,919.17	0.00	3,52,59,919.60	7,00,700.00	1,20,70,000.00	0.00	8,21,400.00	2,70,39,519.60	2,80,72,000.43
12 Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 Temporary vehicles	4,75,47,042.00	0.00	0.00	4,75,47,042.00	4,75,47,042.00	0.00	0.00	4,75,47,042.00	0.00	0.00
14 Water Supply, drainage & sewerage system	11,20,02,000.00	34,02,011.50	0.00	11,54,04,011.50	28,63,49,000.00	34,02,011.50	0.00	32,05,501.50	7,48,53,810.00	52,47,990.00
15 Hydraulic works (canals, dams, canals and govt. Channel)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 MCR track and signalling system	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 Railway siding	22,47,12,000.00	3,00,000.00	0.00	25,47,12,000.00	4,00,000.00	1,80,000.00	0.00	2,20,000.00	23,27,12,000.00	1,80,000.00
18 Electrification system	30,79,700.00	5,00,000.00	0.00	35,79,700.00	3,00,000.00	3,00,000.00	0.00	3,00,000.00	32,79,700.00	3,00,000.00
19 Plant and machinery (including associated civil work) of various types	12,14,00,000.00	1,07,54,807.20	(1,07,54,807.20)	12,14,00,000.00	47,76,70,000.00	77,82,00,000.00	(2,10,00,000.00)	56,66,70,000.00	6,47,30,000.00	6,47,30,000.00

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
 Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2023	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2024	Opening Depreciation As At 31.03.2023	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2024	Net Book Value As At 31.03.2024	Net Book Value As At 31.03.2023
20 Plant and machinery(including associated civil works) Right of use Asset	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 Furniture and fixtures	6237149.00	1442661.11	(142567.25)	5753542.86	2267374.22	4021120.35	(1672662.97)	2675831.60	3077711.26	3486170.54
22 Assets under E-Res Systems	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 Vehicles including equipments / helicopter-Charter	402717.84	0.00	0.00	402717.84	16446.00	390073.42	0.00	406519.42	296198.42	138251.84
24 Vehicles including roadshows / helicopter-Right of Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Office equipments	10000793.00	1524300.24	(22782.00)	11927211.24	3633662.00	10016200.00	(413770.00)	9602890.00	2324321.24	4391844.00
26 EDP, WP machines and related equipment	3700442.00	400000.00	(47144.00)	3652900.00	4022914.00	10474260.00	(647400.00)	4827714.00	1244174.00	2240550.00
27 Construction equipments	22990294.00	0.00	0.00	22990294.00	12271007.20	12420402.00	0.00	13514752.00	10475542.00	10719287.00
28 Electrical equipments	141229094.00	355664.00	(2759.22)	141553738.78	76440007.75	11907862.75	0.00	88347870.50	53205868.28	65208930.25
29 Communication equipments	16070216.00	160017.44	(10078.00)	16229555.44	23740000.00	37002000.00	(20000.00)	26472000.00	13757555.44	13230258.00
30 Health equipments	7700070.00	(7367.00)	0.00	7692703.00	3079600.00	22000000.00	0.00	19206400.00	5486063.00	4612170.00
31 Laboratory and research equipments	22775025.00	18650.00	0.00	22793675.00	6271027.00	1226662.00	0.00	7497689.00	15296000.00	16502848.00
32 Capital expenditures on assets not owned by the Company	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 Assets of Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2023	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2024	Opening Depreciation As At 31.03.2023	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2024	Net Book Value As At 31.03.2024	Net Book Value As At 31.03.2023
24 Loss Charge from Government	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 Loss Recoverable from Govt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Assets for sale situation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 Land- Acquired from by sale situation reserve fund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Site Reclamation Cost	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Mining Properties	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Total)	1491617291.24	62512680.75	(17823145.44)	1536352866.55	5224428124.79	49857886.75	(2227447841)	4997985147.79	1038354181.76	4997985147.79
Grand Total Free Asset (Total)	1491617291.24	228721261.25	36177317.68	1822111870.17	4511000278.48	494287121.45	(277364781.00)	4733653518.93	1038354181.76	4733653518.93

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
 Business Area :1043

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Tangible As At: 31.03.2024	Tangible As At: 31.03.2023	Tangible As At: 31.03.2024	Tangible As At: 31.03.2023
Original of assets	6471807.02	2696702.58	6471807.02	2696702.58
Retirement of assets	(284512484.25)	(435315329.89)	(218341687.68)	(374182675.20)
Cost equipments	172801240.44	898610787.62	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	(802834.68)	(186387.20)	2058514.85	(186387.20)
Others	0.00	0.00	0.00	0.00
TOTAL	(128025145.44)	265177367.68	(222754879.81)	(377364775.88)

Note - Additions during the year includes capital expenditure towards CSR (in Rs.)

0.00

(Amount in Rupees)

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2021	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
1	Capital expenditure					
2	Construction of land					
3	Stone, brick, labour & bullocks	1450004.7	2550004.49	3071129.2	2148879.99	4076759.28
4	Plant and machinery					
5	Buildings					
6	Plant and Machinery	1800000.00	2280000.00	2070000.00		2010000.00
7	Wires		472900.00	110000.00	401900.00	401900.00
8	Temporary works					
9	Water supply, drainage and sewerage system		1100000.00	20000.00		1080000.00
10	Material for roads, bridges, dams, drains and power lines					
11	Other land and building works					
12	Roads etc	1400000.00	800000.00	200000.00		2000000.00
13	Plant and machinery					
14	Plant and equipment	42000000.00	10000000.00	17000000.00	10000000.00	45000000.00
15	Furniture and fixtures	40000.00	50000.00	10000.00	40000.00	20000.00
16	Tools					
17	Other equipment	50000.00	45000.00	10000.00		85000.00
18	GEOPOLYMER & JASON ROADMAT	225000.00			100000.00	
19	Construction equipment					
20	Electrical appliances	40000.00	10000.00	10000.00	20000.00	60000.00
21	Communication equipment		40000.00	10000.00		30000.00
22	Mobile equipment					
23	Laboratory and workshop equipment		2000.00			2000.00
24	Assets under lease (other than land)					
25	Construction work in progress not covered by the contract					
26	Construction work in progress not covered by the contract					
27	Assets under lease (Construction & Equipment etc)					
28	Difference in exchange of foreign currency					

(Amount in Rupees)

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 01.04.2023	Addition	Debit/Amortisation	Capitalised	As At 31.03.2024
	1	2	3	4	5	6
28	Construction work-in-progress of long term					
29	Pre-construction incurred cost					
30	Pre-Paid Maintenance contract					
31	Construction Overhead (Construction Period cost)	25.37	1,07,907.19	(2,017.42)		1,27,215.14
32	LCR - Advance to contract works		1,07,907.19			1,07,907.19
33	- P&L - Provision for Unrecoverable works -	10,12,643.08				9,92,523.08
34	Construction Allowance (W/Cost)					
35	Good	1,12,75,000.40		(2,14,871.25)		1,10,60,129.15
36	Current	2,37,14,621.14	1,05,71,600.19	(1,13,07,020.48)		2,29,78,200.85
37	Other	2,24,07,296.14	72,14,804.39	(1,11,09,192.09)		2,15,12,908.44
38	Sub-total	34,886,126.68	1,83,77,404.77	(1,26,06,213.71)		34,657,317.74
39	LCR - Provision for amortisation	8,17,075.41				8,17,075.41
40	Sub-total	3,78,181.81	1,83,77,404.77	(1,26,06,213.71)		3,85,093.87
41	Total CWIP	80,12,867.46	2,67,54,809.54	(1,82,07,227.42)	8,32,12,887.75	80,12,867.46
42						
43						
44						
45	PREVIOUS YEAR TOTAL	1,00,13,492.84	2,57,04,124.28	(87,42,023.51)	8,59,87,388.48	80,12,867.46

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00

Note forming part of Balance Sheet
NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY
Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2023	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2024	Opening Depreciation As At 31.03.2023	Additions	Deductions/Adjustments	Closing Depreciation As At 31.03.2024	Net Book Value As At 31.03.2024	Net Book Value As At 31.03.2023
INVESTMENT PROPERTY	5.00	0.00	0.00	5.00	3.00	0.00	3.00	3.00	2.00	2.00
1. Free Hold Land	2.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00	0.00	0.00
2. ROO Land	3.00	0.00	0.00	3.00	1.00	0.00	0.00	1.00	2.00	2.00
Grand Total (Investment Property)	5.00	0.00	0.00	5.00	4.00	0.00	3.00	3.00	2.00	2.00
Grand Total Free Year (Investment Property)	5.00	0.00	0.00	5.00	4.00	0.00	3.00	3.00	2.00	2.00

Note forming part of Balance Sheet
NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY
 Business Area :1043

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	Investment Property As At: 31.03.2024	Investment Property As At: 31.03.2023	Investment Property As At: 31.03.2024	Investment Property As At: 31.03.2023
Disposal of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost adjustments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (as per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of inter-unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :- 0.00

Note forming part of Balance Sheet
NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS
Business Area :1043

(Amount in Rupees)

Asset Class	Opening Gross Book Value As At 31.03.2023	Additions	Deductions/Adjustments	Closing Gross Book Value As At 31.03.2024	Opening Depreciation As At 31.03.2023	Additions	Depreciation Adjustments	Closing Depreciation As At 31.03.2024	Net Book Value As At 31.03.2024	Net Book Value As At 31.03.2023
INTANGIBLE ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. Right to Use Asset	229159.85	142521.25	0.00	371681.10	229159.85	277186.24	0.00	251944.11	119733.99	142129.10
2. Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Software	110294.74	42840.00	0.00	153134.74	202897.43	10000.00	0.00	212897.43	132547.31	112863.33
Grand Total (Intangible)	339454.59	185361.25	0.00	524815.84	432057.28	277186.24	0.00	709243.64	192281.30	255092.43

Note forming part of Balance Sheet
NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS
Business Area :1043

(Amount in Rupees)

Details of Adjustments of Gross Block and Depreciation/Amortization				
Particulars	Gross Block		Depreciation/Amortization	
	InTangible As At: 31.03.2024	InTangible As At: 31.03.2023	InTangible As At: 31.03.2024	InTangible As At: 31.03.2023
Original of assets	0.00	0.00	0.00	0.00
Retirement of assets	0.00	0.00	0.00	0.00
Cost equipments	0.00	0.00	0.00	0.00
Assets capitalised with retrospective effect / Write back of excess capitalised	0.00	0.00	0.00	0.00
Depreciation on construction equipment capitalised as EDC	0.00	0.00	0.00	0.00
Prior Period Depreciation due to Assets capitalised with retrospective effect / Write back of excess capitalisation	0.00	0.00	0.00	0.00
Special Depreciation (As per New Policy)	0.00	0.00	0.00	0.00
Transfer in/out because of Inter Unit transfers	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00

Note - Additions during the year includes capital expenditure towards CSR (in Rs.) 0.00

(Amount in Rupees)

Note forming part of Balance Sheet

NOTE NO. 6 TO THE FS-NOA-INTANGIBLE ASSETS UNDER DEVELOPMENT

Business Area: MAUDA SUPER THERMAL POWER PROJECT

Sl No	Asset Class	As At 31.03.2021	Addition	Deletion/ Adjustment	Capitalized	As At 31.03.2021
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Patent (Less: Others)					
4	Trademark and Copyright Expenses - Good Will					
5	Capitalized advertisement					
6	Less: Provision for expensures under progress					
7	Total					
8	PREVIOUS YEAR TOTAL					

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) :

0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
801	NON CURRENT INVESTMENTS- INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES			8.88	8.88
811	EQUITY INSTRUMENTS - UNQUOTED (FULLY PAID UP UNLESS OTHERWISE STATED, AT COST)			8.88	8.88
812	SUBSIDIARY COMPANIES			8.88	8.88
814	PATKATS VIDYUT UTPADAN NIGAM LTD.			1.00	1.00
815	NTPC ELECTRIC SUPPLY COMPANY LTD.			0.00	0.00
816	NTPC VIDYUT VYAPAR NIGAM LTD.			0.00	0.00
817	NARINDAR POWER GENERATING COMPANY LTD.			0.00	0.00
818	KARNI BILGE UTPADAN NIGAM LTD.			0.00	0.00
819	BHARTIYA RAIL BILGE COMPANY LTD.			0.00	0.00
820	NTPC MINDIG LTD.(NML)			0.00	0.00
821	THEC INDIA LTD.			0.00	0.00
822	NEPCO LTD.			0.00	0.00
823	NTPC EDMC Waste Solutions Pvt Ltd.			0.00	0.00
824	NTPC Renewable Energy Ltd.			0.00	0.00
825	Rathghat Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
826	NTPC Green Energy Limited.			0.00	0.00
827	Green Valley Renewable Energy Limited.			0.00	0.00
828				0.00	0.00
829				0.00	0.00
830	SUB TOTAL			8.88	8.88
855	JOINT VENTURE COMPANIES			0.00	0.00
856	Ushu Powerco Ltd.			0.00	0.00
857	NTPC GE Power Services Pvt Ltd.			0.00	0.00
858	NTPC GAIL Power Company Ltd.			0.00	0.00
859	NTPC Tamil Nadu Energy Company Ltd.			0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

As at	No. of shares	Face value	31.03.2024	31.03.2023
000	Surgeh Gas & Power Pvt. Limited (SGPPL)		0.00	0.00
001	ARAVALI POWER COMPANY PRIVATE LTD.		0.00	0.00
002	Jindal Power Ltd.		0.00	0.00
003	NTPC OHEL POWER PROJECTS PRIVATE LTD.		0.00	0.00
004	SELJA URJA INDIAN PRIVATE LIMITED		0.00	0.00
005	BP-NTPC ENERGY SYSTEMS LTD.		0.00	0.00
006			0.00	0.00
007	NARINADAN POWER GENERATING COMPANY LTD.		0.00	0.00
008	TRANSFORMER AND ELECTRICAL KOPRA LTD.		0.00	0.00
009	NATIONAL HIGH POWER TEST LABORATORY PRIVATE LTD.		0.00	0.00
010			0.00	0.00
011	CL-NTPC URJA PRIVATE LTD.		0.00	0.00
012	ANUSHAKTI VIDYUT INDIAN LTD.		0.00	0.00
013	ENERGY EFFICIENCY SERVICES LTD.		0.00	0.00
014			0.00	0.00
015	TRINCOMALEE POWER COMPANY LTD.		0.00	0.00
016	SANGLEDH AREA FRIENDSHIP POWER COMPANY (PVT.) LTD.		0.00	0.00
017	INDUSTRIAL ORGANISATION & RESEARCH LIMITED		0.00	0.00
018	KONKANACHEL LTD.		0.00	0.00
086	SUB TOTAL		0.00	0.00
109	ASSOCIATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS		0.00	0.00
110	TOTAL (NET OF IMPAIRMENTS) OF JV		0.00	0.00
111	Gross Total of Investments		0.00	0.00
134	Total		0.00	0.00
135	Details of Investments		0.00	0.00
136	Applicable amount of Unlisted Investments		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 7 TO THE FS-NCA-EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES (Amount in ₹)

As at	No. of shares	Face value	31.03.2024	31.03.2023
141			0.00	0.00
142			0.00	0.00
143			0.00	0.00
144			0.00	0.00
145			0.00	0.00
151	Value of investments as per Note 6		0.00	0.00
152			0.00	0.00
202			0.00	0.00
232			0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 8 TO THE FS-NCA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
001	Non-current financial assets (Investments)			0.00	0.00
005	Long Term - Trade			0.00	0.00
007	Equity Instruments (Fully paid up unless otherwise stated)			0.00	0.00
008	Quoted			0.00	0.00
005	JOINT VENTURE COMPANIES			0.00	0.00
010	PTC India Ltd			0.00	0.00
019	INTERNATIONAL COAL VENTURES PRIVATE LTD			0.00	0.00
075	SE-NTPC ENERGY SYSTEMS LTD			0.00	0.00
088	Amba Power Limited (5% Non convertible preference - private (booked))			0.00	0.00
110	COOPERATIVE SOCIETIES			0.00	0.00
111				0.00	0.00
112	SUB TOTAL			0.00	0.00
113	AGGREGATE AMOUNT OF IMPAIRMENT IN THE VALUE OF INVESTMENTS			0.00	0.00
116	TOTAL			0.00	0.00
120				0.00	0.00
146	NTPC EMPLOYEES CONSUMERS AND THREE CO-OPERATIVE SOCIETY LTD KORBA			0.00	0.00
147	NTPC EMPLOYEES CONSUMERS AND THREE COOPERATIVE SOCIETY LTD RSTPP			0.00	0.00
148	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD FARAWKA			0.00	0.00
149	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD NIWAS			0.00	0.00
152	NTPC Employee Consumers Cooperative Society Ltd Korba			0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 LOANS (NON CURRENT)	0.00	0.00
004 RELATED PARTIES	0.00	0.00
005 SECURED	0.00	0.00
006 UN-SECURED	0.00	0.00
007 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
008 CREDIT IMPAIRED	0.00	0.00
009	0.00	0.00
010 EMPLOYEES(INCLUDING ACCRUED INTEREST)	0.00	0.00
011 SECURED	115,591,875.73	108,753,155.30
012 UNSECURED	52,875,442.77	63,857,050.29
013 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
014 CREDIT IMPAIRED	0.00	0.00
015 LESS : EMPLOYEE LOANS DISCOUNTING	0.00	0.00
016 SECURED	30,255,587.97	29,186,185.84
017 UNSECURED	8,390,531.13	9,206,595.73
018 LOAN TO STATE GOVERNMENT IN SETTLEMENT OF DUES FROM CUSTOMERS (UNSECURED)	0.00	0.00
019 OTHERS	0.00	0.00
020 SECURED	0.00	0.00
021 UNSECURED	0.00	0.00
022 WITH SIGNIFICANT INCREASE IN CREDIT RISK	0.00	0.00
023 CREDIT IMPAIRED	0.00	0.00
024 LESS: ALLOWANCE FOR CREDIT IMPAIRED LOANS	0.00	0.00
026 SUB TOTAL	129,821,199.40	134,218,324.02
027	0.00	0.00
028 TOTAL	129,821,199.40	134,218,324.02
029	0.00	0.00
030	0.00	0.00
031 Due from Directors and Officers of the Company	0.00	0.00
032 Directors	0.00	0.00
033 Officers	0.00	0.00
034	0.00	0.00
035 Loans to related parties include:	0.00	0.00
036 i)Key management personal	0.00	0.00
037 ii)Subsidiary companies	0.00	0.00
038 iii)Joint Venture companies	0.00	0.00
039 iv)Others	0.00	0.00
040	0.00	0.00
055 Other loans represent loans given to	0.00	0.00
056 a) APJIC	0.00	0.00
061	0.00	0.00
062 RPD	0.00	0.00
063 i)Key management personal	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 9 TO THE FS-NCA-LOANS

(Amount in ₹)

As at	31.03.2024	31.03.2023
064- i)Subsidiary companies	0.00	0.00
065- ii)Joint Venture companies	0.00	0.00
066- iv)Others	0.00	0.00
067- Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 10 TO THE FS-NCA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Non-current financial assets - Trade receivables	0.00	0.00
002 UNSECURED / CONSIDERED GOOD	0.00	0.00
003 CREDIT IMPAIRED	0.00	0.00
004	0.00	0.00
006 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 11 TO THE FS-NCA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Other Financial Assets (non current)	0.00	0.00
002	0.00	0.00
003 Share application money pending allotment in (Subsidiary Companies) :	0.00	0.00
004 NTPC Electric Supply Company Ltd.	0.00	0.00
005 NTPC Vidyut Vyapar Nigam Ltd.	0.00	0.00
006 Nabinagar Power Generating Company Ltd.	0.00	0.00
007 Kanti Bijlee Utpadan Nigam Ltd.	0.00	0.00
008 Bheriya Rai Bijlee Company Ltd.	0.00	0.00
009 Patratu Vidyut Utpadan Nigam Ltd.	0.00	0.00
010 NTPC Mining Limited.	0.00	0.00
011 THDC Ltd.	0.00	0.00
012 NEEPCO Ltd.	0.00	0.00
013	0.00	0.00
014 Total	0.00	0.00
015 Share application money pending allotment (Joint Venture)	0.00	0.00
016 Utility Powertech Ltd.	0.00	0.00
017 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
018 NTPC-SAIL Power Company Ltd.	0.00	0.00
019 NTPC-Tamil Nadu Energy Company Ltd.	0.00	0.00
020 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
021 Acwaji Power Company Private Ltd.	0.00	0.00
022	0.00	0.00
023 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
024 Moja Urja Nigam Private Limited.	0.00	0.00
025 BF-NTPC Energy Systems Ltd.	0.00	0.00
026 Anushakti Vidyut Nigam Ltd.	0.00	0.00
027 Nabinagar Power Generating Company Ltd.	0.00	0.00
028 Energy Efficiency Services Ltd.	0.00	0.00
029 National High Power Test Laboratory Private Ltd.	0.00	0.00
030	0.00	0.00
031 CIL, NTPC Urja Private Ltd.	0.00	0.00
032 Trincomalee Power Company Ltd.	0.00	0.00
033 Hindustan Urvarak & Rasayan Limited.	0.00	0.00
034 Bangladesh-India Friendship Power Company Private Ltd.	0.00	0.00
035 Sub Total	0.00	0.00
036	0.00	0.00
037 Claims Recoverable	0.00	0.00
038 Finance Lease Recoverable	0.00	0.00
039 Mine Closure Deposit	0.00	0.00
040 Financial Deposit	0.00	0.00
041	0.00	0.00
042 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 12 TO THE FS-NCA-OTHER NON-CURRENT ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Other Non-current Assets	0.00	0.00
002	0.00	0.00
003 CAPITAL ADVANCES	0.00	0.00
004 SECURED	0.00	0.00
005 Unsecured	0.00	0.00
006 COVERED BY BANK GUARANTEE	15,927,306.00	50,575,636.00
007 OTHERS	127,622,640.06	155,598,682.27
008 CONSIDERED DOUBTFUL	0.00	0.00
009 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010 Sub-Total	143,550,045.06	206,174,328.27
011	0.00	0.00
012 Advances other than capital advances	0.00	0.00
013 SECURITY DEPOSITS	81,575,091.00	71,751,591.00
019 Advances to Related parties	0.00	0.00
022 Advances to Contractors & Suppliers	0.00	0.00
023 SECURED	0.00	0.00
024 UNSECURED	0.00	0.00
025 CONSIDERED DOUBTFUL	0.00	0.00
026 LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
027 Sub Total	81,575,091.00	71,751,591.00
028 RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029 Pre Paid expenses	101,041,170.00	0.00
030 ADVANCE TAX & TAX DEDUCTED AT SOURCE	2,631,322.37	2,624,261.37
040 LESS: PROVISION FOR CURRENT TAX	0.00	0.00
041	0.00	0.00
042 Sub Total	104,772,492.37	2,624,261.37
043 DEFERRED PAYROLL EXPENSES (SECURED)	21,227,062.43	20,818,485.38
044 DEFERRED PAYROLL EXPENSES (UNSECURED)	5,607,872.45	6,666,633.81
045 Sub Total	26,834,934.88	27,485,119.19
046 DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	2,118,321,000.00	2,102,794,000.00
049	0.00	0.00
050 Total	2,475,053,563.31	2,410,829,299.83
051	0.00	0.00
052	0.00	0.00
052 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
054	0.00	0.00
055 NTPC GE Power Services Pvt.Ltd.	0.00	0.00
056	0.00	0.00
057 Ratnagiri Gas & Power Private Ltd.	0.00	0.00
058 Araval Power Company Private Ltd.	0.00	0.00
059 NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 12 TO THE FS-NCA-OTHER NON-CURRENT ASSETS****(Amount in ₹)**

As at	31.03.2024	31.03.2023
070 NTPC BHEL Power Projects Private Ltd.	0.00	0.00
071 Meja Urja Nigam Private Limited	0.00	0.00
072 Nabnagar Power Generating Company Ltd.	0.00	0.00
073 National High Power Test Laboratory Private Ltd.	0.00	0.00
075 CIL NTPC Urja Private Ltd.	0.00	0.00
077	0.00	0.00
078 Related Party (Adv)	0.00	0.00
079 Key Management personnel	0.00	0.00
080 Subsidiary companies	0.00	0.00
081 Joint Venture companies	0.00	0.00
082 Contractors	0.00	0.00
083 Others	0.00	0.00
085	0.00	0.00
086 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 13 TO THE FS-CA-INVENTORIES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 INVENTORIES	0.00	0.00
002	0.00	0.00
003 Coal	4,831,738,514.25	1,578,291,000.74
004 Fuel oil	416,414,641.15	210,342,993.51
005 Naptha	0.00	0.00
006 Stores and spares	2,898,693,705.64	2,718,715,557.21
007 Chemicals & consumables	133,014,962.64	103,859,251.14
008 Loose tools	3,557,729.31	4,046,376.82
009 Others	563,063,935.07	537,115,968.51
010	0.00	0.00
011	0.00	0.00
012 Sub Total	8,847,381,689.26	5,252,371,169.93
013 Less: Provision for shortages	669,039.00	885,481.00
014 Less: Provision for obsolete/ unservicable/diminution in value of surplus inventory	21,357,884.06	11,574,947.64
016	0.00	0.00
017 Total	8,825,354,785.20	5,239,910,741.29
018 Inventories include material in transit	0.00	0.00
019 Coal	227,405,991.81	178,076,592.10
020 Fuel oil	0.00	0.00
021 Naptha	0.00	0.00
022 Stores and spares	654,359.12	4,401,813.22
023 Chemicals & consumables	2,698,303.46	1,008,060.59
024 Loose tools	0.00	0.00
025 Others	250,853.36	841,458.58
026	0.00	0.00
028	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 14 TO THE FS-CA-OTHER INVESTMENTS

(Amount in ₹)

	As at	No. of shares	Face value	31.03.2024	31.03.2023
001	CURRENT INVESTMENTS			6.00	6.00
002	(Valuation as per Note 1)			6.00	6.00
003	Jindal Power Limited (5%) Non convertible Debentures - private placement			6.00	6.00
004	Investment in Mutual Funds (Details as under)			0.00	0.00
004	SBIMagnaminds Cash Fund-DCR			6.00	6.00
005	SBIPremier Liquid Fund Super-IP-DCR			0.00	0.00
006	SBIDCR Ultra Short Term Fund-IP-DCR			4.00	6.00
007	UTI Money Market-IP Direct Growth			0.00	0.00
008	ICIF Liquid Fund- Direct Growth			4.00	6.00
009	Canara Robeco Liquid Fund Super-IP-DCR			6.00	6.00
010	Canara Robeco Treasury Advantage Fund Super-IP-DCR			0.00	0.00
011	ICIF Liquid Fund-DCR			6.00	6.00
012	SBIPremier Liquid Fund Direct DCR (Cash Fund)			0.00	6.00
013	UTI Liquid Cash Plus -IP - DCR (Cash Funds)			0.00	6.00
014	ICIF Liquid Fund - DCR - (Cash Funds)			6.00	2.00
015	Bank of India Liquid Fund - Direct - Growth			6.00	6.00
016				0.00	6.00
017				0.00	6.00
018	Sub Total			6.00	6.00
019				6.00	6.00
020	Unquoted Investments			0.00	0.00
021				0.00	0.00
022	TOTAL			6.00	6.00
023				0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 TRADE RECEIVABLES (current)*	0.00	0.00
002	0.00	0.00
003 Secured, Considered Good	0.00	0.00
004 Unsecured , considered good	0.00	0.00
005 Credit impaired	0.00	0.00
006 Unbilled Revenue	0.00	0.00
007 Sub-Total	0.00	0.00
008 Total	0.00	0.00
009 Less: Allowance for credit impaired receivables	0.00	0.00
010 Total	0.00	0.00
012 Less: Discom Clearing	0.00	0.00
014	0.00	0.00
015 Grand Total	0.00	0.00
016 Other Unsecured	0.00	0.00
017 Long-term trade receivables	0.00	0.00
018 TCS Clearing	0.00	0.00
019 Discom Clearing	0.00	0.00
228 Trade Receivable	0.00	0.00
230 Not due:	0.00	0.00
231 Due	0.00	0.00
232 (i) Undisputed Trade receivables # considered good	0.00	0.00
233 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
234 (iii) Undisputed Trade Receivables # credit impaired	0.00	0.00
235 (iv) Disputed Trade Receivables#considered good	0.00	0.00
236 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
237 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
238 Unbilled	0.00	0.00
239 Total	0.00	0.00
240	0.00	0.00
241 (i) Undisputed Trade receivables # considered good	0.00	0.00
242 Less than 6 months	0.00	0.00
243 6 months -1 year	0.00	0.00
244 1-2 years	0.00	0.00
245 2-3 years	0.00	0.00
246 More than 3 years	0.00	0.00
247 Sub Total (i)	0.00	0.00
248 (ii) Undisputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
249 Less than 6 months	0.00	0.00
250 6 months -1 year	0.00	0.00
251 1-2 years	0.00	0.00
252 2-3 years	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 15 TO THE FS-CA-TRADE RECEIVABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
253 More than 3 years	0.00	0.00
254 Sub Total (II)	0.00	0.00
255 (iii) Undisputed Trade Receivables -credit impaired	0.00	0.00
256 Less than 6 months	0.00	0.00
257 6 months -1 year	0.00	0.00
258 1-2 years	0.00	0.00
259 2-3 years	0.00	0.00
260 More than 3 years	0.00	0.00
261 Sub Total (III)	0.00	0.00
262	0.00	0.00
263 (iv) Disputed Trade Receivables#considered good	0.00	0.00
264 Less than 6 months	0.00	0.00
265 6 months -1 year	0.00	0.00
266 1-2 years	0.00	0.00
267 2-3 years	0.00	0.00
268 More than 3 years	0.00	0.00
269 Sub Total (IV)	0.00	0.00
270 (v) Disputed Trade Receivables # which have significant increase in credit risk	0.00	0.00
271 Less than 6 months	0.00	0.00
272 6 months -1 year	0.00	0.00
273 1-2 years	0.00	0.00
274 2-3 years	0.00	0.00
275 More than 3 years	0.00	0.00
276 Sub Total (V)	0.00	0.00
277 (vi) Disputed Trade Receivables # credit impaired	0.00	0.00
278 Less than 6 months	0.00	0.00
279 6 months -1 year	0.00	0.00
280 1-2 years	0.00	0.00
281 2-3 years	0.00	0.00
282 More than 3 years	0.00	0.00
283 Sub Total (VI)	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 16 TO THE FS-CA-CASH AND CASH EQUIVALENTS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 CASH & BANK BALANCES	0.00	0.00
002 Cash & Cash Equivalents	0.00	0.00
003 Balances with Banks	0.00	0.00
004 Cheques & Drafts on hand	0.00	0.00
005 Cash on hand	0.00	0.00
006 Others (stamps in hand)	0.00	0.00
007 Bank deposits with original maturity upto three months	0.00	0.00
008 Balances with RBI	0.00	0.00
009	0.00	0.00
011 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 17 TO THE FS-CA-BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS (Amount in ₹)

As at	31.03.2024	31.03.2023
001 Other Bank Balances	0.00	0.00
002 Deposits with original maturity of more than three months but not more than twelve months	0.00	0.00
003 Earmarked balances with banks*	0.00	0.00
004 SubTotal	0.00	0.00
005 Interest accrued on deposits	0.00	0.00
006	0.00	0.00
008 Total	0.00	0.00
009	0.00	0.00
010 Earmarked balances with banks consist of :	0.00	0.00
011 Unpaid dividend account balance	0.00	0.00
012 Towards public deposit repayment reserve	0.00	0.00
013 Towards redemption of bonds due for repayment within one year	0.00	0.00
014 Security with Government/other authorities	0.00	0.00
015 Unpaid refund/interest account balance - Tax free bonds/ Bonus Debentures	0.00	0.00
016 Earmarked for RGGVY/DDUGJY/SAUBHAGYA Fund/RDSS	0.00	0.00
017 Earmarked for Flyash Utilisation Reserve Fund	0.00	0.00
018 Deposits with original maturity upto three months as per court orders	0.00	0.00
019 Payment Security Scheme of MNRE- NSM (NTPC)	0.00	0.00
020 Payment Security Scheme of MNRE- NSM (NVVN)	0.00	0.00
021 Enforcement Directorate of Solar Plant(NVVN)	0.00	0.00
022 Bank guarantee Fund of MNRE (NVVN)	0.00	0.00
023 Others	0.00	0.00
024 Margin Money	0.00	0.00
025	0.00	0.00
026	0.00	0.00
027	0.00	0.00
031 Total	0.00	0.00
032	0.00	0.00
033 Bank deposits with original maturity of less than three months- other than earmarked	0.00	0.00
034 Bank deposits with original maturity of more than three months but not more than twelve months- other than earmarked	0.00	0.00
035 Earmarked bank balances (current account)	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-LOANS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Current financial assets - Loans	0.00	0.00
002 Loans (current)-including interest accrued	0.00	0.00
004 Related Parties	0.00	0.00
005 Secured	0.00	0.00
006 Un-Secured	0.00	0.00
007 With significant increase in Credit Risk	0.00	0.00
008 Credit impaired	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
011 Secured	19,507,759.21	16,372,538.50
012 Unsecured	46,485,354.49	45,602,356.71
013 With significant increase in Credit Risk	0.00	0.00
014 Credit impaired	0.00	0.00
015 Less : Employee Loans Discounting	0.00	0.00
016 Loan to State Government in settlement of dues from customers (Unsecured)	0.00	0.00
017	0.00	0.00
018 Others	0.00	0.00
019 Secured	0.00	0.00
020 Unsecured	0.00	0.00
021 With significant increase in Credit Risk	0.00	0.00
022 Credit impaired	0.00	0.00
023	0.00	0.00
024 Less: Allowance for credit impaired loans	0.00	0.00
026	0.00	0.00
027 Total (Loans)	65,963,113.70	61,974,895.21
028	0.00	0.00
029 Due from Directors and Officers of the Company	0.00	0.00
030 Directors	0.00	0.00
031 Officers	0.00	0.00
032	0.00	0.00
033 Loans to related parties include:	0.00	0.00
034 i)Key management personnel	0.00	0.00
035 ii)Subsidiary companies	0.00	0.00
036 KBUNL	0.00	0.00
037 RGPPL	0.00	0.00
038 NVVN	0.00	0.00
039 iii)Joint Venture companies	0.00	0.00
040 iv)Others	0.00	0.00
041	0.00	0.00
040 RPD	0.00	0.00
061 i)Key management personnel	0.00	0.00
062 ii)Subsidiary companies	0.00	0.00
063 iii)Joint Venture companies	0.00	0.00
064 iv)Others	0.00	0.00
065	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 18 TO THE FS-CA-LOANS

(Amount in ₹)

	As at	31.03.2024	31.03.2023
066 Total		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 19 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Other Financial Assets (current)	0.00	0.00
002	0.00	0.00
003 ADVANCES	0.00	0.00
004	0.00	0.00
005 Related Parties	0.00	0.00
006 Secured	0.00	0.00
007 Un-Secured	279,246,380.25	334,806,466.88
008 Considered doubtful	0.00	0.00
009	0.00	0.00
010 Employees	0.00	0.00
012 Unsecured	1,784,407.03	2,565,323.00
013 Considered Doubtful	0.00	0.00
014	0.00	0.00
020 Others	0.00	0.00
021 Secured	0.00	0.00
022 Unsecured	0.00	0.00
023 Considered Doubtful	0.00	0.00
024	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026	0.00	0.00
033 Total (Advances)	281,030,788.18	337,161,789.88
044	0.00	0.00
045 Claims Recoverable	0.00	0.00
046 Secured	0.00	0.00
047 Unsecured, considered good	891,710.54	489,520.00
048 Considered Doubtful	0.00	0.00
049 Less: Allowance for doubtful claims	0.00	0.00
050 Others-Claims Recoverable	0.00	0.00
051	0.00	0.00
052 Contract Asset- Revenue	62,938,000.86	76,707,381.86
053 Hedging cost recoverable from beneficiaries	0.00	0.00
054 Derivative MTM Asset	0.00	0.00
055 Finance Lease Receivable	0.00	0.00
056 Mine Closure Deposit	0.00	0.00
057 Financial Deposit	0.00	0.00
059 Other Accrued Income	0.00	0.00
060 Secured, Considered Good	0.00	0.00
061 Unsecured, considered good	1,460,997.77	672,247.58
062 Credit Impaired	0.00	0.00
063	0.00	0.00
064 Sub-Total	1,460,997.77	672,247.58
065 Less: Allowance for credit impaired receivables	0.00	0.00
066 Total	1,460,997.77	672,247.58
067	0.00	0.00
068 Others*	0.00	0.00
070	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 19 TO THE FS-CA-OTHER FINANCIAL ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
071 Total	366,321,577.35	415,010,939.32
072 * Other include amount recoverable from contractors and other parties towards line charges, rent/electricity etc.	0.00	0.00
073 Advances to related parties include:	0.00	0.00
074 (i)Key management personal	0.00	0.00
075	0.00	0.00
076 (ii)Joint Venture companies	0.00	0.00
077	0.00	0.00
078 (v)Others	0.00	0.00
079	0.00	0.00
080 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
081 Related Party (Adv)- Employee	0.00	0.00
082 Related Party (Adv)- Subsidiaries	-199,376.02	-167,219.12
083 Related Party (Adv)- Joint Ventures	279,445,756.27	334,773,686.00
084	0.00	0.00
085 Related Party (Adv)- Others	0.00	0.00
086	0.00	0.00
099	0.00	0.00
100	0.00	0.00
101 Total	279,246,380.25	334,606,466.88



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 OTHER CURRENT ASSETS	0.00	0.00
002 Security Deposits (Unsecured)	0.00	0.00
003 Deposit with Customs, port trust & others*	236,684,966.00	143,279,390.00
004 ADVANCES	0.00	0.00
005	0.00	0.00
006 Related Parties	0.00	0.00
007 Secured	0.00	0.00
008 Un-Secured	0.00	0.00
009 Considered doubtful	0.00	0.00
010	0.00	0.00
011 Employees(including imprest)	0.00	0.00
012 Secured	0.00	0.00
013 Unsecured	1,318,419.60	1,996,079.47
014 Considered Doubtful	0.00	0.00
015	0.00	0.00
016 Contractors & Suppliers	0.00	0.00
017 Secured	0.00	0.00
018 Unsecured	2,190,094,560.19	1,197,756,917.20
019 Considered Doubtful	0.00	0.00
020	0.00	0.00
021 Others**	0.00	0.00
022 Secured	0.00	0.00
023 Unsecured	35,485,720.07	17,638,448.98
024 Considered Doubtful	0.00	0.00
025 Less: Allowance for bad & doubtful advances	0.00	0.00
026 Receivable from MCP Escrow A/c	0.00	0.00
027 Deferred Payroll Expenses (Secured)	2,173,729.91	2,079,135.60
028 Deferred Payroll Expenses (Unsecured)	3,522,775.36	2,994,105.15
029 Sub-total	5,696,505.27	5,073,240.75
030 Interest accrued on :	0.00	0.00
031 Advances to contractors	0.00	294.00
032	0.00	0.00
033 Claims Recoverable	0.00	0.00
034 Secured	0.00	0.00
035 Unsecured, considered good	2,674,369,819.02	2,783,988,801.61
036 Considered Doubtful	0.00	0.00
037 Less: - Allowance for doubtful claims	0.00	0.00
038	0.00	0.00
039 Deferred premium on forward exchange contract/ Option Assets	0.00	0.00
041	0.00	0.00
042 Others	450,929.10	186,673.90
043	0.00	0.00
045 Total (Other Current Assets)	5,144,100,929.15	4,149,919,645.91
046 **Include Prepaid Expenses	35,485,720.07	17,638,448.98
047 *Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-CA-OTHER CURRENT ASSETS

(Amount in ₹)

As at	31.03.2024	31.03.2023
048 *Includes deposited with courts	0.00	0.00
049 *Includes deposited with LIC for annuity payments	0.00	0.00
050 * Includes deposits with WRD / against BG in r/o finance lease	0.00	0.00
051 Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
053 Advances to related parties include:	0.00	0.00
054 i)Key management personnel	0.00	0.00
055 ii)Subsidiary companies	0.00	0.00
056 iii)Joint Venture companies	0.00	0.00
057 Contractors	0.00	0.00
058 Others	0.00	0.00
059	0.00	0.00
060 Advances include amount due from the following Private Companies in which Directors of the Company are also Directors in such Companies	0.00	0.00
061	0.00	0.00
062	0.00	0.00
063 Related Party (Adv)- Employee	0.00	0.00
064 Related Party (Adv)- Subsidiaries	0.00	0.00
065 Related Party (Adv)- Joint Venture	0.00	0.00
066	0.00	0.00
067	0.00	0.00
068 Total	0.00	0.00
069	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 21 TO THE FS-ASSETS HELD FOR SALE

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 ASSET HELD FOR SALE	0.00	0.00
002	0.00	0.00
003 Assets held for Sale	0.00	0.00
004	0.00	0.00
005 Total	0.00	0.00
031	0.00	0.00
032 Assets held for sale includes:-	0.00	0.00
033	0.00	0.00
034 Land	0.00	0.00
035 Building	0.00	0.00
036 Plant and equipment	0.00	0.00
037 Other assets	0.00	0.00
038 Total	0.00	0.00
039	0.00	0.00
040	0.00	0.00
041	0.00	0.00
042	0.00	0.00
043	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 22 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES****(Amount in ₹)**

As at	31.03.2024	31.03.2023
001 On account of Exchange Differences	-146,032,267.60	281,668,857.68
002 On account of employee benefit exp	0.00	0.00
003 Regulatory deferred account - deferred	0.00	0.00
004 Deferred asset for ash transportation	0.00	0.00
005 Deferred asset for Arbitration Award	0.00	0.00
008	0.00	0.00
009 Total	-146,032,267.60	281,668,857.68



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 23 TO THE FS-EQUITY-EQUITY SHARE CAPITAL

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 SHARE CAPITAL	0.00	0.00
002 Equity Share Capital	0.00	0.00
003 Authorised	0.00	0.00
004 16,80,00,00,000 equity shares of Rs.10/- each (Previous year 10,000,000,000 equity shares of Rs.10/- each)	0.00	0.00
005 Issued,Subscribed and fully Paid-up	0.00	0.00
006 9,69,66,66,134 equity shares of Rs.10/- (Fv. Year 9,894,557,280 equity shares of Rs.10/- each)	0.00	0.00
007	0.00	0.00
008 Total	0.00	0.00
009 During FY 2018-19, the company has issued 1,649,092,880 equity shares of Rs.10/- each as fully paid bonus shares	0.00	0.00
010 The holders of the equity shares are entitled to receive dividends as declared from time to time, and are entitled to one vote per share at meetings of the company.	0.00	0.00
011 Details of shareholders holding more than 5% shares in the company	0.00	0.00
012 - President of India	0.00	0.00
013 No. of Shares	0.00	0.00
014 % of holding	0.00	0.00
015 - Life Insurance Corporation of India(CICI) Prudential Mutual Fund	0.00	0.00
016 No. of Shares	0.00	0.00
017 % of holding	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 RESERVE AND SURPLUS	0.00	0.00
002	0.00	0.00
003 Capital Reserve	0.00	0.00
004 As per last financial statements	0.00	0.00
006 Add: Grants received during the year	0.00	0.00
007 Add: Transfer from Surplus	0.00	0.00
008 Less: Write back during the year/period	0.00	0.00
009 Less: Adjustments during the year/period	0.00	0.00
010 SUB-TOTAL	0.00	0.00
011	0.00	0.00
017	0.00	0.00
018 SECURITIES PREMIUM ACCOUNT	0.00	0.00
019 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
020 ADD: ADDITIONS DURING THE YEAR/PERIOD	0.00	0.00
021 LESS: ADJUSTMENTS DURING THE YEAR/PERIOD	0.00	0.00
022 SUB-TOTAL	0.00	0.00
023 BONDS REDEMPTION RESERVE	0.00	0.00
024 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
025 ADD: TRANSFER FROM SURPLUS	0.00	0.00
026 LESS: TRANSFER TO SURPLUS ON REDEMPTION	0.00	0.00
027 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
028 SUB-TOTAL	0.00	0.00
029 CAPITAL REDEMPTION RESERVE	0.00	0.00
030 As per last financial statements	0.00	0.00
031 Add: Transfer from Surplus	0.00	0.00
032 Less: Transfer to surplus on redemption	0.00	0.00
033 Less: Adjustments during the year/ period	0.00	0.00
034 Sub-Total	0.00	0.00
035 Share Application money pending Allotment	0.00	0.00
036 As per last financial statements	0.00	0.00
037 Add: Addition during the year	0.00	0.00
038 Less: Utilised for allotment during the year	0.00	0.00
039 Less: Adjustments during the year/ period	0.00	0.00
040 SUB-TOTAL	0.00	0.00
046 FLY-ASH UTILISATION RESERVE FUND	0.00	0.00
047 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
048 TRANSFERRED TO CC	0.00	0.00
049 ADD:TRANSFER FROM REVENUE FROM OPERATIONS	5,781,099.23	5,542,213.45
050 ADD:TRANSFER FROM OTHER INCOME	0.00	0.00
051 LESS: UTILISED DURING THE YEAR	0.00	0.00
052 TANGIBLE ASSETS	0.00	0.00
053 EMPLOYEE BENEFIT EXPENSES	0.00	0.00
054 GENERATION,ADMN. AND OTHER EXPENSES	5,781,099.23	5,542,213.45

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2024	31.03.2023
055 TAX EXPENSES	0.00	0.00
056 SUB-TOTAL	0.00	0.00
057 Self Insurance Reserve	0.00	0.00
058 As per last financial statements	0.00	0.00
059 Add: Addition during the year	0.00	0.00
060 Less: Utilised for allotment during the year	0.00	0.00
061 Less: Adjustments during the year/ period	0.00	0.00
062 SUB-TOTAL	0.00	0.00
063 SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
064 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
065 ADD: ADDITION DURING THE YEAR	0.00	0.00
066 LESS: UTILISED FOR ALLOTMENT DURING THE YEAR	0.00	0.00
067 LESS: ADJUSTMENTS DURING THE YEAR/ PERIOD	0.00	0.00
068 SUB-TOTAL	0.00	0.00
069 CORPORATE SOCIAL RESPONSIBILITY (CSR) RESERVE	0.00	0.00
070 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
071 ADD : TRANSFER FROM SURPLUS	0.00	0.00
072 LESS -WRITE BACK DURING THE YEAR	0.00	0.00
073 SUB-TOTAL	0.00	0.00
074 GENERAL RESERVE	0.00	0.00
075 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
076 ADD: TRANSFER FROM SURPLUS	0.00	0.00
077 LESS: TRANSFER TO SURPLUS	0.00	0.00
078 LESS: WRITE BACK DURING THE YEAR /PERIOD	0.00	0.00
079 LESS: ADJUSTMENTS DURING THE YEAR /PERIOD	0.00	0.00
080 SUB-TOTAL	0.00	0.00
081	0.00	0.00
082 RETAINED EARNINGS	0.00	0.00
083 AS PER LAST FINANCIAL STATEMENTS	59,347,003,703.80	49,380,414,375.10
084 ADD/LESS: -CHANGES IN ACCOUNTING POLICY / PRIOR PERIOD ERRORS	0.00	0.00
085 ADD/LESS) -PROFIT (LOSS) AFTER TAX FOR THE YEAR FROM STATEMENT OF PROFIT & LOSS	10,398,610,630.50	12,966,569,329.70
087 ADD: WRITE BACK FROM BOND REDEMPTION RESERVE	0.00	0.00
088 ADD: WRITE BACK FROM CAPITAL RESERVE	0.00	0.00
089 ADD: WRITE BACK FROM FOREIGN PROJECT RESERVE	0.00	0.00
090 ADD: WRITE BACK FROM CSR RESERVE	0.00	0.00
091 ADD: WRITE BACK FROM GENERAL RESERVE	0.00	0.00
093 LESS: TRANSFER TO BONDS REDEMPTION RESERVE	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 24 TO THE FS-EQUITY-OTHER EQUITY

(Amount in ₹)

As at	31.03.2024	31.03.2023
094 LESS: TRANSFER TO SPECIAL ALLOWANCE RESERVE FUND	0.00	0.00
095 LESS: TRANSFER TO FOREIGN PROJECT RESERVE	0.00	0.00
096 LESS: TRANSFER TO CAPITAL RESERVE	0.00	0.00
097 LESS: TRANSFER TO CSR RESERVE	0.00	0.00
098 LESS: TRANSFER TO GENERAL RESERVE	0.00	0.00
099 LESS: INTERIM DIVIDEND PAID	0.00	0.00
100 LESS: TAX ON INTERIM DIVIDEND PAID	0.00	0.00
101 LESS: FINAL DIVIDEND PAID	0.00	0.00
102 LESS: TAX ON FINAL DIVIDEND PAID	0.00	0.00
103 LESS: ISSUE OF BONUS DEBENTURE	0.00	0.00
104 LESS: TAX ON ISSUE OF BONUS DEBENTURE	0.00	0.00
105 SUB-TOTAL	69,745,914,534.30	59,347,003,763.80
110	0.00	0.00
111 REMEASUREMENT OF DEFINED BENEFIT PLANS	0.00	0.00
112 AS PER LAST FINANCIAL STATEMENTS	-99,982,294.37	-93,528,201.88
113 ADD/(LESS) - ACTUARIAL GAINS/LOSS THROUGH OCI	5,031,663.44	-6,454,062.69
114 SUB-TOTAL	-94,950,630.93	-99,982,294.37
115	0.00	0.00
116 FVTOCI Reserve	0.00	0.00
117 AS PER LAST FINANCIAL STATEMENTS	0.00	0.00
118 ADD/(LESS) - NET GAIN/LOSS OF EQUITY INSTRUMENTS THROUGH OCI	0.00	0.00
119 Sub-Total	0.00	0.00
120	0.00	0.00
121 Total Other equity	69,650,963,903.37	59,247,021,469.43
122	0.00	0.00
123	0.00	0.00
124	0.00	0.00
125	0.00	0.00
126	0.00	0.00
127	0.00	0.00
128 The fly ash utilization reserve fund is controlled at Corporate Centre.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 LONG TERM BORROWINGS	0.00	0.00
002 Bonds	0.00	0.00
003 Secured	0.00	0.00
004 7.37 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3A).	0.00	0.00
005 7.62 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2035 (Fifty Sixth Issue - Public Issue - Series 3 B).	0.00	0.00
006 8.61% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2034 (Fifty First Issue C - Private Placement)	0.00	0.00
007 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3A)	0.00	0.00
008 8.91% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2033 (Fiftieth Issue - Public Issue - Series 3B)	0.00	0.00
009 7.37% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 14th December 2031 (Sixty Sixth Issue - Private Placement)	0.00	0.00
010 7.49% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 7th November 2031 (Sixty Fourth Issue - Private Placement)	0.00	0.00
011 7.28 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
2A)		
012 7.53 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2030 (Fifty Sixth Issue - Public Issue - Series 2 B).	0.00	0.00
013 7.32% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 17 July 2029 (Sixty Ninth Issue - Private Placement)	0.00	0.00
014 8.63% Tax free secured non-cumulative non-convertible redeemable bonds of ₹ 10,00,000/- each redeemable at par in full on 4th March 2029 (Fifty First Issue B - Private Placement)	0.00	0.00
015 8.30% Secured non-cumulative non-convertible redeemable taxable bonds of Rs 10,00,000/- each redeemable at par in full on 15 January 2029 (Sixty Seventh Issue - Private Placement)	0.00	0.00
016 8.48% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2A)	0.00	0.00
017 8.73% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2025 (Fiftieth Issue - Public Issue - Series 2B)	0.00	0.00
018 7.47% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 16th September 2026 (Sixty Third Issue - Private Placement)	0.00	0.00
019 7.58% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at		31.03.2024	31.03.2023
full on 23rd August 2026 (Sixty Second Issue - Private Placement)			
020	8.05% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 5th May 2026 (Sixtieth Issue - Private Placement)	0.00	0.00
021	8.19% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 15th December 2025 (Fifty Seventh Issue - Private Placement)	0.00	0.00
022	7.11 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1A).	0.00	0.00
023	7.36 % Tax free secured non-cumulative non-convertible redeemable bonds-2015 of Rs. 1,000/- each redeemable at par in full on 5th October 2025 (Fifty Sixth Issue - Public Issue - Series 1 B).	0.00	0.00
024	7.15% Tax free secured non-cumulative non-convertible redeemable bonds - 2015 of Rs. 10,00,000/- each redeemable at par in full on 21st August 2025 (Fifty Fifth Issue - Private Placement)	0.00	0.00
025	9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 22nd September 2024 (53rd Issue - private placement).	0.00	0.00
026	9.34% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 24th March 2024 (Fifty Second Issue - private placement)	0.00	0.00
027	8.19% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 10,00,000/- each redeemable at	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
par in full on 4th March 2024 (Fifty First Issue A - Private Placement)		
028 8.41% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1A)	0.00	0.00
029 8.66% Tax free secured non-cumulative non-convertible redeemable bonds - 2013 of ₹ 1000/- each redeemable at par in full on 16th December 2023 (Fiftieth Issue - Public Issue - Series 1B)	0.00	0.00
030 9.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 4th May 2023 and ending on 4th May 2027 (Forty fourth issue - private placement)VII	0.00	0.00
031 8.48% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 1st May 2023 (Seventeenth issue - private placement)I	0.00	0.00
032 8.80% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th April 2023 (Forty ninth issue -private placement	0.00	0.00
033 8.49% Secured non-cumulative non-convertible redeemable taxable fully paid-up bonus debentures of Rs. 12.50 each redeemable at par in three annual installments of Rs. 2.50, Rs. 5.00 and Rs. 5.00 at the end of 8th year, 9th year and 10th year on 25th March 2023, 25th March 2024 and 25th March 2025 respectively (Fifty Fourth issue -Bonus Debentures)X - (refer Note 5 d)	0.00	0.00
034 8.73% Secured non-cumulative	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 07th March 2023 (Forty eighth issue - private placement)		
035 9.00% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each with five equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 11th year and in annual installments thereafter upto the end of 15th year respectively commencing from 25th January 2023 and ending on 25th January 2027 (Forty second issue- private placement)II	0.00	0.00
036 8.84% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th October 2022 (Forty seventh issue- private placement)VII	0.00	0.00
037 7.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 03 May 2022 (69th Issue - Private Placement)	0.00	0.00
038 6.72% Secured non-cumulative non-convertible redeemable taxable bonds of Rs. 10,00,000/- each redeemable at par in full on 24th November 2021 (Sixty Fifth Issue - Private Placement)	0.00	0.00
039 8.10% Secured Non-Cumulative Non-Convertible Redeemable Taxable Bonds of Rs. 30,00,000/- each redeemable at par in three equal separately transferable redeemable principal parts (STRPP) at the end of 5th year, 10th year & 15th year on 27th May 2021, 27th May 2026 and 27th May 2031 respectively (Sixty First Issue- Private Placement)	0.00	0.00
040 8.33% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 24th February 2021.	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023	
(Fifty Ninth Issue - Private Placement).			
042	8.93% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 19th January 2021 (Thirty seventh issue - private placement)III	0.00	0.00
043	8.16% Secured non-cumulative non-convertible redeemable taxable bonds of Rs.10,00,000/- each redeemable at par in full on 31st December 2020 (Fifty Eight Issue - Private Placement).	0.00	0.00
044	8.73 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 31st March 2020 (Thirty third issue- private placement)III	0.00	0.00
045	8.78 % Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 9th March 2020 (Thirty first issue- private placement)III	0.00	0.00
046	11.25% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in five equal annual instalments commencing from 6th Nov 2019 and ending on 6th Nov 2023 (Twenty seventh issue - private placement)III	0.00	0.00
047	7.89% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 5th May 2019 (Thirtieth issue - private placement)III	0.00	0.00
048	8.65% Secured non-cumulative non-convertible redeemable taxable bonds of ₹10,00,000/- each redeemable at par in full on 4th February 2019 (Twenty ninth issue - private placement)III	0.00	0.00
049	7.50% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at			31.03.2024	31.03.2023
on 12th January 2019 (Nineteenth issue - private placement)ii				
050	11%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21st November 2018 (Twenty eighth issue - private placement)iii	0.00	0.00
051	9.3473%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 20th July 2018 and ending on 20th July 2032 (Forty sixth issue - private placement)Vii	0.00	0.00
052	9.4376%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 16th May 2018 and ending on 16th May 2032 (Forty fifth issue - private placement)Vii	0.00	0.00
053	8.00%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 10th April 2018 (Sixteenth issue - private placement)ii	0.00	0.00
054	9.2573%	Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 2nd March 2018 and ending on 2nd March 2032 (Forty third issue - private placement)iii	0.00	0.00
055	9.6713%	Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 23rd December 2017 and ending on 23rd December 2031 (Forty first issue - private placement)III		
056 9.558% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 29th July 2017 and ending on 29th July 2031(Fourtieth issue-private placement)III	0.00	0.00
057 9.3896% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 9th June 2017 and ending on 9th June 2031(Thirty ninth issue-private placement)III	0.00	0.00
058 9.17% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 22nd March 2017 and ending on 22nd March 2031(Thirty eighth issue-private placement)III	0.00	0.00
059 8.8086% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th December 2016 and ending on 15th December 2030 (Thirty sixth Issue - private placement)]]]		
060 8.785% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 15th September 2016 and ending on 15th September 2030 (Thirty fifth issue - private placement)]]]	0.00	0.00
061 8.71% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 10th June 2016 and ending on 10th June 2030 (Thirty fourth issue - private placement)]]]	0.00	0.00
062 8.8493% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 15,00,000/- each with fifteen equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of 6th year and in annual instalments thereafter upto the end of 20th year respectively commencing from 25th March 2016 and ending on 25th March 2030 (Thirty second issue - private placement)]]]	0.00	0.00
063 9.37% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty fifth issue -	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
private placement)III		
065 9.06% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 70,00,000/- each with fourteen separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 4th June 2012 and ending on 4th December 2018 (Twenty sixth issue - private placement)III	0.00	0.00
066 8.6077% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 9th September 2011 and ending on 9th March 2021 (Twenty fourth issue - private placement)IV	0.00	0.00
067 8.3796% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 5th August 2011 and ending on 5th February 2021 (Twenty third issue - private placement)IV	0.00	0.00
068 8.1771% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd July 2011 and ending on 2nd January 2021 (Twenty second issue - private placement)IV	0.00	0.00
069 7.7125% Secured non-cumulative non-convertible redeemable taxable bonds of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 2nd August 2010 and ending on 2nd February 2020 (Twenty first issue - private placement)IV	0.00	0.00
070 7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
of ₹ 20,00,000/- each with twenty equal separately transferable redeemable principal parts (STRPP) redeemable at par semi-annually commencing from 23rd September 2009 and ending on 23rd March 2019 (Twentieth issue - private placement)VI		
071 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each with ten equal separately transferable redeemable principal parts (STRPP) redeemable at par at the end of the 6th year and in annual installments thereafter upto the end of 15th year respectively from 30th April 2002 (Thirteenth issue - Part B - private placement)VII	0.00	0.00
072 9.55% Secured non-cumulative non-convertible taxable redeemable bonds of ₹ 10,00,000/- each redeemable at par in ten equal annual installments commencing from the end of 6th year and upto the end of 15th year respectively from 18th April 2002 (Thirteenth issue - Part A - private placement)VIII	0.00	0.00
075	0.00	0.00
076	0.00	0.00
077	0.00	0.00
078	0.00	0.00
079	0.00	0.00
080	0.00	0.00
081	0.00	0.00
082 Sub Total	0.00	0.00
083 Unsecured	0.00	0.00
084 6.55% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 17 April 2023 (Seventieth Issue - Private Placement)	0.00	0.00
085 6.29% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 11 April 2031 (Seventy First Issue - Private Placement)	0.00	0.00
086 5.45% Unsecured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
of ₹ 10,00,000/- each redeemable at par in full on 15 October 2025 (Seventy Second Issue - Private Placement)		
087 6.43% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 27 January 2031 (Seventy Third Issue - Private Placement)	0.00	0.00
088 6.87% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 21 April 2036 (Seventy Fourth Issue - Private Placement)	0.00	0.00
088 6.60% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 13 September 2031 (Seventy Fifth Issue - Private Placement)	0.00	0.00
080 6.74% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 14 April 2032 (Seventy Sixth Issue - Private Placement)	0.00	0.00
091 5.78% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 29 April 2024 (Seventy Seventh Issue - Private Placement)	0.00	0.00
092 7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 25 August 2032 (Seventy Eighth Issue - Private Placement)	0.00	0.00
093 7.44% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 10,00,000/- each redeemable at par in full on 15 April 2033 (Seventy Ninth Issue - Private Placement)	0.00	0.00
084 7.35% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 1,00,000/- each redeemable at par in full on 17 April 2026 (Eightieth Issue - Private Placement)	0.00	0.00
095 7.48% Unsecured non-cumulative non-convertible redeemable taxable bonds of ₹ 1,00,000/- each redeemable at par in full on 21 March 2026 (Eighty First Issue - Private Placement)	0.00	0.00
096	0.00	0.00
097	0.00	0.00
098	0.00	0.00
099	0.00	0.00
100 Sub-total	0.00	0.00
101 Total	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
102 Foreign Currency Notes-Unsecured	0.00	0.00
103 4.50% Fixed Rate Notes Due for repayment on 19th March 2028	0.00	0.00
104 2.75% Fixed rate notes due for repayment on 1st February 2027	0.00	0.00
105 4.25 % Fixed rate notes due for repayment on 26th February 2026	0.00	0.00
106 4.375% Fixed Rate Note due for repayment on 26th November 2024	0.00	0.00
107 4.75 % Fixed Rate Notes due for repayment on 3rd Oct 2022	0.00	0.00
108 7.25 % Fixed green global INR denominated bonds due on 3 May 2022	0.00	0.00
109 7.375 % Fixed green global INR denominated bonds due on 10 August 2021	0.00	0.00
110 5.625% Fixed Rate Notes due for repayment on 14th July 2021	0.00	0.00
111 3.75 % Fixed rate notes due for repayment on 03 April 2024	0.00	0.00
112	0.00	0.00
113	0.00	0.00
114	0.00	0.00
115 Sub Total	0.00	0.00
116 Term Loans	0.00	0.00
117 From Banks	0.00	0.00
118 Secured	0.00	0.00
119 Rupee Loans	0.00	0.00
120 Unsecured	0.00	0.00
121 Foreign Currency Loans	0.00	0.00
122 Rupee Loans	0.00	0.00
123 From Others	0.00	0.00
124 Secured	0.00	0.00
125 Rupee Loans	0.00	0.00
126 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
127 Unsecured	0.00	0.00
128 Foreign Currency loans (guaranteed by GOI)	0.00	0.00
129 Other Foreign currency loans	0.00	0.00
131 Rupee Loans	0.00	0.00
132 Deposits	0.00	0.00
133 Unsecured	0.00	0.00
134 Fixed Deposits	0.00	0.00
135 Others	0.00	0.00
136 Unsecured	0.00	0.00
137 Bonds Application Money Pending Allotment	0.00	0.00
138 Sub-total	0.00	0.00
139 Total	0.00	0.00
140 Less:- Interest accrued but not due on secured	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 25 TO THE FS-NCL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
borrowings		
141 Less:- Interest accrued but not due on unsecured borrowings	0.00	0.00
142 Less:- Current maturities of long term borrowings	0.00	0.00
143 Bonds-Secured	0.00	0.00
144 Fixed Rate Notes	0.00	0.00
146 Foreign currency loans from Banks- unsecured	0.00	0.00
147 Rupee loans from banks- Secured	0.00	0.00
148 Rupee loans from banks- unsecured	0.00	0.00
149 Rupee Term loan from Others - Secured	0.00	0.00
150 Foreign currency loans from others- unsecured (Guaranteed by GOI)	0.00	0.00
151 Other foreign currency loans from others- unsecured	0.00	0.00
152 Rupee loans from others- unsecured	0.00	0.00
153	0.00	0.00
154	0.00	0.00
155	0.00	0.00
156	0.00	0.00
157	0.00	0.00
158	0.00	0.00
159	0.00	0.00
160	0.00	0.00
161	0.00	0.00
201 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 26 TO THE FS-NCL-LEASE LIABILITIES

(Amount in ₹)

	As at	31.03.2024	31.03.2023
001	Non-current financial liabilities - Lease liabilities	0.00	0.00
002	Lease liabilities	0.00	0.00
003	Long term maturities of Finance Lease Liabilities (Secured) IX	0.00	0.00
004	Long term maturities of Finance Lease Liabilities (Unsecured) X	0.00	0.00
005	Sub-Total	0.00	0.00
006	Less: current maturities of lease liabilities	0.00	0.00
007	Finance Lease obligations - secured	0.00	0.00
008	Finance Lease obligations - unsecured	0.00	0.00
009	Sub-Total	0.00	0.00
011	Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 27 TO THE FS-NCL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 TRADE PAYABLES(NON CURRENT)	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	0.00	0.00
004 - Others	0.00	0.00
005	0.00	0.00
007 Total	0.00	0.00

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 28 TO THE FS-NCL-OTHER FINANCIAL LIABILITIES****(Amount in ₹)**

	As at	31.03.2024	31.03.2023
001	OTHER FINANCIAL LIABILITIES (NON-CURRENT)	0.00	0.00
002	Payable for Capital Expenditure-	0.00	0.00
003	- Micro & Small Enterprises	3,038,137.15	0.00
004	- Others	1,265,725.44	5,797,476.00
005	Contractual Obligations	11,843,294.48	13,625,991.70
006	Others	0.00	0.00
007	Deposits from contractors and others	0.00	0.00
008		0.00	0.00
009		0.00	0.00
011	Total	16,147,157.07	19,423,469.70
020		0.00	0.00
021	Payable for Capital Expenditure - SD/retntion	0.00	0.00
022	- Micro & Small Enterprises	0.00	0.00
023	- Others	1,265,725.44	0.00
024	Sub-total	1,265,725.44	0.00
025	Contractual Obligations	0.00	0.00
026	- Micro & Small Enterprises	2,058,764.82	2,470,651.05
027	- Others	9,784,529.66	11,155,340.65
028	Sub-total	11,843,294.48	13,625,991.70
029	Total (24+28)	13,109,019.92	13,625,991.70
030		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 29 TO THE FS-NCL-PROVISIONS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 LONG TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening Balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
006	0.00	0.00
007 Others	0.00	0.00
008 i) Mine Closure Provision	0.00	0.00
009 Opening Balance	0.00	0.00
010 Additions during the year	0.00	0.00
011 Amounts adjusted during the year	0.00	0.00
012 Amounts reversed during the year	0.00	0.00
013 Closing Balance	0.00	0.00
014	0.00	0.00
015 ii) Stripping Activity Adjustments	0.00	0.00
016 Opening Balance	0.00	0.00
017 Additions during the year	0.00	0.00
018 Amounts adjusted during the year	0.00	0.00
019 Amounts reversed during the year	0.00	0.00
020 Closing Balance	0.00	0.00
021	0.00	0.00
024	0.00	0.00
026 TOTAL	0.00	0.00

NOTE NO. 30 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET)

(Amount in ₹)

As at	Opening Balance on 01.04.2023	Addition	Closing Balance on 31.03.2024
001 DEFERRED TAX LIABILITIES (NET)			
002 Difference of book depreciation and tax depreciation	0.00	0.00	0.00
003 Less: Deferred tax assets			
004 Provisions & Other disallowances for tax purposes	0.00	0.00	0.00
005 Unabsorbed Depreciation	0.00	0.00	0.00
006 Disallowances u/s 43B of the Income Tax Act, 1961	0.00	0.00	0.00
007 Others	0.00	0.00	0.00
008 Opening Balance	0.00	0.00	0.00
009 Additions during the year	0.00	0.00	0.00
010 Amounts adjusted during the year	0.00	0.00	0.00
011 Amounts reversed during the year	0.00	0.00	0.00
012 Closing Balance	0.00	0.00	0.00
013 MAT credit entitlement	0.00	0.00	0.00
014 Total	0.00	0.00	0.00
016	0.00	0.00	0.00
017 Total	0.00	0.00	0.00
018 Breakup of deferred tax assets	0.00	0.00	0.00
019 Provision	0.00	0.00	0.00
020 Statutory dues	0.00	0.00	0.00
021 Leave encashment	0.00	0.00	0.00
022 Others	0.00	0.00	0.00
023	0.00	0.00	0.00
024	0.00	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 31 TO THE FS-NCL-OTHER NON-CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Other Non current Liabilities	0.00	0.00
002 Advances from customers and others	0.00	0.00
003 Deposits from contractors and others	0.00	0.00
004 Grants	47,892,209.00	52,043,337.00
006	0.00	0.00
007 TOTAL	47,892,209.00	52,043,337.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 32 TO THE FS-CL-BORROWINGS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Short Term Borrowings	0.00	0.00
002 Loans repayable on demand	0.00	0.00
003 From Banks	0.00	0.00
004 Secured	0.00	0.00
005 Cash Credit	0.00	0.00
006 Unsecured	0.00	0.00
007 Cash Credit	0.00	0.00
008 Other loans-unsecured	0.00	0.00
009 Commercial Papers	0.00	0.00
010 Less: Unamortised discount on Commercial Papers	0.00	0.00
011 Sub-Total	0.00	0.00
012 Current maturity of long term borrowings	0.00	0.00
013 Bonds-Secured	0.00	0.00
014 Foreign Currency Fixed Rate Notes	0.00	0.00
015 From Banks	0.00	0.00
016 Secured	0.00	0.00
017 Rupee Term Loan	0.00	0.00
018 Foreign currency loans	0.00	0.00
019 Unsecured	0.00	0.00
020 Foreign currency loans	0.00	0.00
021 Rupee term loans	0.00	0.00
022 From Others	0.00	0.00
023 Secured	0.00	0.00
024 Rupee Term Loan	0.00	0.00
025 Unsecured	0.00	0.00
026 Foreign currency loans (Guaranteed by Government of India)	0.00	0.00
027 Other foreign currency loans	0.00	0.00
028 Rupee term loans	0.00	0.00
029 Fixed deposits	0.00	0.00
030 Bill discounted	0.00	0.00
031	0.00	0.00
032 Sub Total	0.00	0.00
034	0.00	0.00
035 TOTAL	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 33 TO THE FS-CL-LEASE LIABILITIES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Current financial liabilities - Lease liabilities	0.00	0.00
002 Current maturity of finance lease obligations (secured)	0.00	0.00
003 Current maturity of finance lease obligations (unsecured)	0.00	0.00
005 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 34 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 TRADE PAYABLES	0.00	0.00
002 For Goods and Services	0.00	0.00
003 - Micro & Small Enterprises	198,114,843.66	68,136,030.45
004 - Others	2,552,717,996.71	2,776,879,035.88
005	0.00	0.00
007 Total	2,750,832,840.37	2,845,015,066.33
008	0.00	0.00
172 Trade payable	0.00	0.00
173 MSME	0.00	0.00
174 Unbilled	147,845,520.66	40,984,466.45
175 Not due	0.00	27,151,564.00
176 Due	50,269,323.00	0.00
177 Disputed	0.00	0.00
178 Undisputed	50,269,323.00	0.00
179	0.00	0.00
180 Sub-total (A)	198,114,843.66	68,136,030.45
181	0.00	0.00
182 Others	0.00	0.00
183 Unbilled	431,866,629.79	364,364,560.74
184 Not due	0.00	1,287,205,676.86
185 Due	2,120,851,366.92	1,125,306,798.28
186 Disputed	0.00	0.00
187 Undisputed	2,120,851,366.92	1,125,306,798.28
188	0.00	0.00
189 Sub-total (B)	2,552,717,996.71	2,776,879,035.88
190	0.00	0.00
191 Total	2,750,832,840.37	2,845,015,066.33
192	0.00	0.00
193 Ageing	0.00	0.00
194 MSME	0.00	0.00
195 Disputed	0.00	0.00
196 Less than 1 year	0.00	0.00
197 1-2 years	0.00	0.00
198 2-3 years	0.00	0.00
199 More than 3 years	0.00	0.00
200 Sub Total (I)	0.00	0.00
201	0.00	0.00
202 Undisputed	0.00	0.00
203 Less than 1 year	0.00	0.00
204 1-2 years	0.00	0.00
205 2-3 years	0.00	0.00
206 More than 3 years	0.00	0.00
207 Sub Total (II)	0.00	0.00
208	0.00	0.00
209 Total MSME (III)	0.00	0.00
210	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 34 TO THE FS-CL-TRADE PAYABLES

(Amount in ₹)

As at	31.03.2024	31.03.2023
211 Others	0.00	0.00
212 Disputed	0.00	0.00
213 Less than 1 year	0.00	0.00
214 1-2 years	0.00	0.00
215 2-3 years	0.00	0.00
216 More than 3 years	0.00	0.00
217 Sub Total (IV)	0.00	0.00
218	0.00	0.00
219 Undisputed	0.00	0.00
220 Less than 1 year	1,231,539,847.29	562,207,968.89
221 1-2 years	277,796,237.24	3,887,296.26
222 2-3 years	30,067,525.28	71,463,999.11
223 More than 3 years	581,447,757.11	487,739,534.00
224 Sub Total (V)	2,120,851,366.92	1,125,308,798.28
225	0.00	0.00
226 Total Others (VI)	2,120,851,366.92	1,125,308,798.28

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 35 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 OTHER FINANCIAL LIABILITIES (CURRENT)	0.00	0.00
020 Interest accrued but not due on Unsecured Short Term Borrowing	0.00	0.00
021 Interest accrued but not due on secured borrowings	0.00	0.00
022 Interest accrued but not due on unsecured borrowings	0.00	0.00
023 Unpaid Dividends*	0.00	0.00
024 Unpaid matured deposits and interest accrued thereon*	0.00	0.00
025 Unpaid matured bonds and interest accrued thereon*	0.00	0.00
026 Unpaid bond refund money-Tax free bonds *	0.00	0.00
027 Bank Overdraft	0.00	0.00
028 Payable to Customers	0.00	0.00
029 Liability under forward exchange contract	0.00	0.00
030 Hedging cost payable to beneficiaries	0.00	0.00
031 Derivative MTM Liability	0.00	0.00
032 Payable for Capital Expenditure	0.00	0.00
033 - Micro & Small Enterprises	57,804,582.44	55,178,686.48
034 - Others	6,217,962,491.07	6,642,912,441.89
035 Contractual Obligations	1,020,517,856.98	1,323,463,942.44
036 Others Payable	0.00	0.00
037 Deposits from contractors and others	8,150,317.00	23,609,215.20
038 Gratuity Obligations	0.00	0.00
039 Payable to employees	18,882,466.60	30,671,647.47
040 Payable to holding company	0.00	0.00
041 Retention on A/c BG encashment (Solar)	0.00	0.00
042 Payable to Solar Payment Security Account	0.00	0.00
043 Others **	6,946,080.00	3,798,589.00
044 Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
046	0.00	0.00
047	0.00	0.00
048 Total	7,330,263,794.10	8,079,634,532.48
049 * Represents the amounts which have not been claimed by the investorholders of the bond/fixed deposits. Out of the above, no amount is due for payment to Investor Education and Protection Fund.	0.00	0.00
050 ** Include Payable to Hospital and other payable	0.00	0.00
051 Payable for Capital Expenditure - SD/retntion	0.00	0.00
052 - Micro & Small Enterprises	22,198,266.09	27,022,057.00
053 - Others	1,792,639,861.12	1,961,169,578.79
054 Sub-total	1,814,838,227.21	1,988,121,635.79
055 Contractual Obligations	0.00	0.00
056 - Micro & Small Enterprises	107,509,906.16	28,583,272.50
057 - Others	913,007,950.83	1,294,870,669.94



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 35 TO THE FS-CL-OTHER FINANCIAL LIABILITIES

(Amount in ₹)

	As at	31.03.2024	31.03.2023
058	Sub-total	1,020,517,858.99	1,323,463,942.44
059	Total	2,835,356,084.20	3,312,585,578.23
060		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 36 TO THE FS-CL-OTHER CURRENT LIABILITIES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 OTHER CURRENT LIABILITIES	0.00	0.00
002 Advances from customers and others	5,092,437.48	3,815,862.42
003 Deferred discount on forward exchange contract	0.00	0.00
004 Tax deducted at source and other statutory dues	86,510,853.77	231,673,555.92
005 Deposits from contractors and others	0.00	0.00
006 Government grants	4,151,132.00	4,151,132.00
007 Others	0.00	0.00
008	0.00	0.00
010	0.00	0.00
011 Total	95,754,223.25	239,640,250.34

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 37 TO THE FS-CL-PROVISIONS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 SHORT TERM PROVISIONS	0.00	0.00
002 Provision for Employee Benefits	0.00	0.00
003 Opening balance	0.00	0.00
004 Additions/ (adjustments) during the year	0.00	0.00
005 Closing Balance	0.00	0.00
028 Provisions for Obligations incidental to Land Acquisition	0.00	0.00
029 Opening balance	377,457,699.06	405,446,282.79
030 Additions during the year	0.00	0.00
031 Amounts paid during the year	19,735,081.75	27,688,583.73
032 Amounts reversed during the year	0.00	0.00
033 Closing Balance	357,722,617.31	377,457,699.06
035 Provision for Tariff Adjustment	0.00	0.00
036 Opening balance	0.00	0.00
037 Additions during the year	0.00	0.00
038 Amounts adjusted during the year	0.00	0.00
039 Amounts reversed during the year	0.00	0.00
040 Closing Balance	0.00	0.00
042 Provision for shortage in Fixed Assets Pending Investigation & Others	0.00	0.00
043 Opening balance	3,521,677.00	3,856,105.33
044 Additions during the year	0.00	-134,428.33
045 Amounts adjusted during the year	436,739.72	0.00
046 Amounts reversed during the year	3,084,937.28	0.00
047 Closing Balance	0.00	3,521,677.00
048 Provision for Arbitration	0.00	0.00
049 Opening balance	252,916,686.00	241,202,509.00
050 Additions during the year	11,546,527.00	11,714,178.00
051 Amounts used during the year	0.00	0.00
052 Amounts reversed during the year	120,103,388.00	0.00
053 Closing Balance	144,459,827.00	252,916,686.00
054 Others	0.00	0.00
055 Opening balance	0.00	0.00
056 Additions during the year	0.00	0.00
057 Amounts used during the year	0.00	0.00
058 Amounts reversed during the year	0.00	0.00
059 Closing Balance	0.00	0.00
102	0.00	0.00
104 Total	502,182,444.31	633,896,062.06



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 38 TO THE FS-CL-CURRENT TAX LIABILITIES (NET)

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Current liabilities - current tax liabilities (net)	0.00	0.00
002 Opening balance	0.00	0.00
003 Additions during the year	0.00	0.00
004 Amounts adjusted during the year	0.00	0.00
005 Less: Set off against taxes paid	0.00	0.00
007	0.00	0.00
008 Closing Balance	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 39 TO THE FS-DEFERRED REVENUE

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Deferred Revenue	0.00	0.00
002 On account of advance against depreciation	0.00	0.00
003 On account of income from foreign currency fluctuation	3,863,240,000.00	4,190,858,000.00
004 Government grants	0.00	0.00
007	0.00	0.00
008	0.00	0.00
009 TOTAL	3,863,240,000.00	4,190,858,000.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 39A TO THE FS--REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Regulatory deferral account credit balances	0.00	0.00
002 Exchange Differences	0.00	0.00
003	0.00	0.00
005 Total	0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 40 TO THE FS-REVENUE FROM OPERATIONS

(Amount in ₹)

	31.03.2024	31.03.2023
For the Year ended		
001 REVENUE FROM OPERATIONS	0.00	0.00
002 Sales	0.00	0.00
003 Energy Sales (including Electricity Duty)	78,588,428,490.70	94,684,685,378.82
004 Less : Advance against depreciation deferred (net)	0.00	0.00
005 Add: Revenue recognized out of advance against depreciation	0.00	0.00
006 Add : Exchange fluctuation receivables from customers	-106,167,000.00	-1,268,986,000.00
007 Sale of energy through trading	0.00	0.00
008 Commission (NVVN)	0.00	0.00
009 Sub total	78,482,261,490.70	93,415,699,378.82
010 Less: Rebate to customers	697,197,932.00	839,172,070.00
011 Energy Sales (Total)	77,785,063,558.70	92,576,527,308.82
012 Consultancy, project management and supervision fees	0.00	0.00
013 Lease rentals on assets on Operating lease	0.00	0.00
014 Sale of Captive Coal	0.00	0.00
015 Intra Company Elimination	0.00	0.00
017 Sub-total	0.00	0.00
016 Total - Sales	77,785,063,558.70	92,576,527,308.82
019 Sale of fly ash/ash products	5,781,099.23	5,542,213.45
020 Less: Transferred to fly ash utilisation reserve fund	-5,781,099.23	-5,542,213.45
021 Sub-total	0.00	0.00
022 Other Operating Income	0.00	0.00
023 Interest from customers	1,380,048.00	1,046,343,476.00
024 Energy Internally Consumed *	9,112,775.00	14,888,407.00
025 Interest income on Assets under finance lease	0.00	0.00
026 Recognized from deferred revenue - government grant	4,151,128.00	4,151,128.00
027 Provision written back- Tariff Adjustment	0.00	0.00
028 Income from Trading of ESCerts	0.00	0.00
029 Income from E-Mobility Business & others	0.00	0.00
030 Others	0.00	0.00
032	0.00	0.00
033	0.00	0.00
034 Total	77,799,708,399.70	93,643,910,319.82
040 * Valued at variable cost of generation and corresponding amount included in power charges (Note No. 42)	0.00	0.00
041 Excise duty on sale of flyash,conspere & ash products	0.00	0.00
042 Energy sales of principal nature (NVVN)	0.00	0.00
043 Energy sales of agency nature (NVVN)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 41 TO THE FS--OTHER INCOME

(Amount in ₹)

For the Year ended	31.03.2024	31.03.2023
001 OTHER INCOME	0.00	0.00
002 Interest from	0.00	0.00
004 Financial assets at amortised cost	0.00	0.00
005 Government Securities (6.5% Tax Free Bonds issued by the State Governments)	0.00	0.00
006 Other Bonds	0.00	0.00
007 Non-current Trade Receivable	0.00	0.00
008 Interest from Government of India Securities-Non-Trade	0.00	0.00
009 Less: Amortization of premium	0.00	0.00
010 Sub Total	0.00	0.00
011 Interest from others	0.00	0.00
012 Loan to State Government in settlement of dues from customers	0.00	0.00
013 Loan to Subsidiary Companies	0.00	0.00
014 Loan to Employees	15,843,341.28	16,285,692.77
015 Deposit with banks	0.00	0.00
016 Foreign Banks	0.00	0.00
017 Interest from Contractors	0.00	1,674.00
018 Interest from Income Tax Refunds	0.00	0.00
019 Less: Refundable to Customers	0.00	0.00
020 Sub Total	0.00	0.00
021 Deposits with banks-flyash utilisation reserve fund	0.00	0.00
022 Less: transferred to flyash utilisation reserve fund	0.00	0.00
023 Sub Total	0.00	0.00
024 Deposits with banks- DDUGJY funds	0.00	0.00
025 Interest from Contractors- DDUGJY funds	0.00	0.00
026 Transfer to DDUGJY-Advance from customers	0.00	0.00
027 Sub-total	0.00	0.00
030 Others	10,684.00	7,153.00
031 Other investments in Joint venture companies	0.00	0.00
032 Dividend from	0.00	0.00
033 Longterm investments in	0.00	0.00
034 Subsidiaries	0.00	0.00
035 Joint Ventures	0.00	0.00
036 Equity Instruments	0.00	0.00
037 Current investments in	0.00	0.00
038 Mutual Funds measured at fairvalue through profit or loss	0.00	0.00
039 Current investments in mutual funds-flyash utilisation reserve fund	0.00	0.00
040	0.00	0.00
041 Less: transferred to flyash utilisation reserve fund	0.00	0.00
042 Lease Rent @ Ash Brick Plant	0.00	0.00
043 Less: transferred to flyash utilisation reserve fund	0.00	0.00
044 Other non-operating income	0.00	0.00
045 Profit on disposal of PPE	64,624.02	29,367.20

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 41 TO THE FS--OTHER INCOME

(Amount in ₹)

For the Year ended	31.03.2024	31.03.2023
046 Profit on redemption of GOI securities	0.00	0.00
047 Net gain on sale of investments	0.00	0.00
048 Surcharge received from customers	11,858,407.00	27,444,920.00
049 Hire charges for equipment	0.00	0.00
050 Gain on option contract / Discount on F.ExchContract	352,000.00	9,477,423.00
051 Lease rent from investment property	0.00	0.00
052 Provision written back-others	118,605,798.28	29,478,850.24
053 Fair value gains/(losses) on investments in mutual funds at fair value through profit or loss	0.00	0.00
054 Interest from Solar payment security account	0.00	0.00
055 Less : Transferred to SPSA fund	0.00	0.00
056 Interest on "Retention on A/c BG encashment (Solar)"	0.00	0.00
057 Less : Transferred to "Retention on A/c BG encashment (Solar)"	0.00	0.00
058	0.00	0.00
059	0.00	0.00
060	0.00	0.00
061 Miscellaneous Income	338,097,161.32	79,233,538.13
062 Total	485,130,016.90	161,938,618.34
063 Less: Transferred to Development of Coal Mines- Note 47A	0.00	0.00
064 Less: Transferred to Expenditure during Construction period (net)- Note 47	65,916.77	57,267.55
065 Less: Others	0.00	0.00
066 Less: Transferred to payable to Govt. of Jharkhand	0.00	0.00
068	0.00	0.00
069	0.00	0.00
070 Total	485,064,100.13	161,881,350.79
071	0.00	0.00
101 Details of Miscellaneous Income	0.00	0.00
102 Vehicle Hire Charges	100,606.00	142,000.00
103 Sale of by products & residuals	0.00	0.00
104 Township recoveries(excl. Hospital Recoveries)	8,586,786.84	8,193,012.07
105 Depreciation written back	0.00	0.00
106 Sale of Scrap	22,575,680.17	41,813,074.06
107 Receipt under loss of profit policy	0.00	0.00
108 Receipts under MBD/Fire Policy	261,796,516.00	0.00
109 Management development programme	0.00	0.00
110 Management Fee - Misc (NVVN)	0.00	0.00
111 Others	45,037,372.31	29,085,452.00
112	0.00	0.00
113	0.00	0.00
114 Total (Miscellaneous Income)	338,097,161.32	79,233,538.13
115	0.00	0.00
131 Details of Provision written back others	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 41 TO THE FS--OTHER INCOME

(Amount in ₹)

	For the Year ended	31.03.2024	31.03.2023
132	Doubtful debts	0.00	0.00
133	Doubtful Loans, Advances and Claims	0.00	1,700,000.00
134	Doubtful Construction Advances	0.00	0.00
135	Shortage in Construction Stores	0.00	0.00
136	Shortage in Stores	0.00	21,106,696.59
137	Obsolescence in Stores	0.00	156,012.70
138	Unserviceable capital works	0.00	3,634,431.00
139	Other Obligation including Arbitration	115,604,420.00	0.00
140	Shortage in Fixed Assets	3,301,379.28	2,878,709.95
141	Diminution in value of Investment	0.00	0.00
142		0.00	0.00
143		0.00	0.00



MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 42 TO THE FS--FUEL COST

(Amount in ₹)

	For the Year ended	31.03.2024	31.03.2023
001	FUEL COST	0.00	0.00
002	Coal	0.00	0.00
003	Captive	0.00	0.00
004	Other than captive	49,676,589.641.65	60,368,239,068.41
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	505,480,545.38	403,498,511.95
008	Biomass Pellets & Others	50,397,597.81	26,116,665.27
009		0.00	0.00
010		0.00	0.00
011	Total	50,232,467,984.84	60,797,854,265.63
012		0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 43 TO THE FS-EMPLOYEE BENEFITS EXPENSE

(Amount in ₹)

	31.03.2024	31.03.2023
For the Year ended		
001 EMPLOYEE BENEFITS EXPENSE	0.00	0.00
002 Salaries and wages	1,207,849,636.91	1,236,658,603.47
003 Contribution to provident and other funds	195,568,785.97	156,774,783.63
004 Unwinding of deferred payroll expense	6,138,424.79	6,377,876.72
005 Staff welfare expenses	178,764,344.05	172,596,268.23
006 Less: Expenses transferred to Consultancy group	0.00	0.00
007	0.00	0.00
008 Sub Total	1,590,321,191.72	1,574,407,532.05
009 Less: Employee benefits expense allocated to fuel inventory	86,284,145.14	78,415,170.82
010 Less: Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
011 Less: Others	0.00	0.00
012 Less: Transferred to fly ash utilisation reserve fund	0.00	0.00
013 Less: Transferred to CSR Expenses	0.00	0.00
014 Reimbursements for employees on secondment	1,824,425.00	1,035,552.56
015 Less: Transferred to expenditure during construction period (net)- Note 47	40,897,580.82	31,045,755.13
016 Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018	0.00	0.00
019 TOTAL	1,461,315,040.76	1,463,911,053.54
020 Managerial Remuneration paid/ payable to Directors included above (except for Directors fee which is included in Note 42)	0.00	0.00
021 Salaries and wages	0.00	0.00
022 Contribution to provident and other funds	0.00	0.00
023 Staff welfare expenses	0.00	0.00
024 Directors fee	0.00	0.00
025	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 44 TO THE FS-FINANCE COSTS

(Amount in ₹)

	For the Year ended 31.03.2024	31.03.2023
001 FINANCE COSTS	0.00	0.00
002 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
003 Bonds	1,438,600,042.80	1,633,396,081.51
004 Government of India Loans	0.00	0.00
005 Foreign currency term loans	218,663,780.80	179,177,689.60
006 Rupee term loans	1,258,566,163.00	1,303,091,847.00
007 Public deposits	0.00	0.00
008 Foreign currency bonds/notes	406,253,401.68	528,581,457.38
009 Cash Credit	0.00	0.00
010 Unwinding of discount on account of vendor liabilities	1,753,190.57	2,172,602.69
011 Commercial Papers	0.00	0.00
012 Sub Total	3,325,036,581.85	3,646,519,686.18
013 Interest on non financial items	4,150.00	0.00
014 Other Borrowing Costs	0.00	0.00
015 Bonds servicing & public deposit exp.	2,151,195.56	1,930,841.33
016 Guarantee fee	0.00	0.00
017 Management fee	0.00	0.00
018 Commitment charges/exposure premium	0.00	340,843.99
019 Bond issue expenses	0.00	0.00
020 Legal exp on foreign currency loans	0.00	0.00
021 Foreign currency bonds/notes exp.	0.00	0.00
022 Up-front fee	0.00	0.00
023 Insurance premium on foreign currency loans	0.00	0.00
024	0.00	0.00
025 Others	0.00	0.00
026 Sub Total (Other Borrowing cost)	2,155,345.56	2,271,685.32
027	0.00	0.00
028 Exchange differences regarded as an adjustment to borrowing costs	-111,564,719.31	138,056,113.56
029 Sub Total	3,216,427,208.10	3,786,847,487.06
030 Less: Transferred to Expenditure during construction period (net) - Note 47	91,143,178.63	102,519,256.95
031 Less: Transferred to development of coal mines- Note 47A	0.00	0.00
032	0.00	0.00
034 Total	3,125,284,029.47	3,684,328,250.11

**MAUDA SUPER THERMAL POWER PROJECT****NOTE NO. 45 TO THE FS--DEPRECIATION, AMORTIZATION AND IMPAIRMENT EXPENSES****(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	Depreciation, amortization and impairment expenses	0.00	0.00
002	On property, plant and equipment- Note 2	8,656,570,889.55	8,540,881,121.43
003	On investment property- Note 2A	0.00	0.00
004	On intangible assets- Note 4	3,165,999.24	3,327,904.58
005		0.00	0.00
006	Sub-total	8,659,736,888.79	8,544,009,026.01
007	Less	0.00	0.00
008	Allocated to fuel inventory	493,480,031.10	485,669,176.82
009	Transferred to Expenditure during Construction Period (net)- Note 47	0.00	0.00
010		0.00	0.00
011	Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
012	Adjustment with deferred revenue from deferred foreign currency fluctuation	449,312,000.00	396,954,000.00
013		0.00	0.00
015	Total	7,716,944,857.69	7,661,365,849.19

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 46 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2024	31.03.2023
001 OTHER EXPENSES	0.00	0.00
002 Power charges	9,112,775.00	49,618,880.00
003 Less: Recovered from contractors & employees	4,831,251.30	5,024,504.46
004 Sub-Total(Power Charges)	4,281,523.70	43,694,385.54
005 Water charges	538,355,074.00	392,909,516.00
006 Stores consumed	473,520,188.20	278,822,248.61
007 Rent	0.00	2,812,248.00
008 Less Recoveries	0.00	0.00
009 Sub-Total (Rent)	0.00	2,812,248.00
010 Cost of captive coal produced	0.00	0.00
011 Repairs & maintenance	0.00	0.00
012 Buildings	1,12,872,923.41	96,938,603.10
013 Plant & machinery	0.00	0.00
014 Power stations	2,186,804,704.17	1,817,256,404.45
015 Construction equipment	4,340,585.59	9,529,522.69
016 Others	34,060,397.10	131,107,612.02
017 Sub-total (Repairs & maintenance)	2,338,078,610.27	2,054,831,542.26
018 Load Dispatch Center Charges	22,123,406.00	10,144,429.00
021 Insurance	127,948,671.55	128,313,886.17
022 Interest to beneficiaries	3,959.00	1,140,317,066.00
023 Rates and taxes	62,370,360.70	61,319,773.18
024 Water cess & environment protection cess	0.00	0.00
025 Training & recruitment expenses	2,979,941.00	1,417,662.00
026 Less: Receipts	0.00	0.00
027 Sub-total (Training and recruitment expenses)	2,979,941.00	1,417,662.00
028 Communication expenses	22,114,371.18	20,839,069.78
029 Inland Travel	66,291,979.70	67,691,583.09
030 Foreign Travel	213,340.83	1,414,513.47
031 Tender expenses	0.00	0.00
032 Less: Receipt from sale of tenders	0.00	0.00
033 Sub-total (Tender expenses)	0.00	0.00
034 Payment to auditors	0.00	0.00
035 Audit fee	0.00	0.00
036 Tax audit fee	0.00	0.00
037 Other services	0.00	0.00
038 Reimbursement of expenses	0.00	0.00
039 Sub-total (Payment to Auditors)	0.00	0.00
040 Advertisement and publicity	3,884,132.83	3,980,721.00
041 Electricity duty	0.00	0.00
042 Security expenses	262,410,489.29	233,755,095.24
043 Entertainment expenses	16,965,495.18	17,707,366.75
044 Expenses for guest house	29,225,469.66	28,070,708.10
045 Less Recoveries	1,190,443.70	1,417,595.00
046 Sub-Total (Guest house expenses)	28,035,025.96	26,653,113.10
047 Education expenses	11,383,512.00	0.00
049 Donations	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 46 TO THE FS--OTHER EXPENSE

(Amount in ₹)

	For the Year ended 31.03.2024	31.03.2023
050 Ash utilisation & marketing expenses	1,056,184,955.14	884,426,391.43
051 Directors sitting fee	0.00	0.00
053 Professional charges and consultancy fees	3,432,404.00	4,621,937.00
054 Legal expenses	12,377,279.00	13,374,062.00
055 EDP hire and other charges	2,109,922.61	3,192,550.91
056 Printing and stationery	2,264,036.88	2,318,069.00
057 Oil & gas exploration expenses	0.00	0.00
059 Hiring of vehicles	27,787,466.73	24,977,776.12
061 Reimbursement of L.C charges on sales realisation	0.00	0.00
062 LOSS ON FAIR VALUATION OF NON-CURRENT TRADE RECEIVABLE AT AMORTISED COST	0.00	0.00
063 Cost of Hedging	0.00	0.00
064 Derivatives MTM loss/gain (Net)	177,166.00	0.00
065 Net loss/(gain) in foreign currency transactions & translations	-246,669,465.75	135,137,634.46
066 Transport Vehicle running expenses	1,268,318.59	3,328,841.44
067 Horticulture Expenses	19,215,456.85	24,355,409.71
068 Hire charges- helicopter/aircraft	0.00	0.00
069 Hire charges of construction equipment	743,514.36	1,110,658.00
070 Demurrage Charges	0.00	0.00
072	0.00	0.00
073 Miscellaneous expenses	47,905,041.84	37,250,806.26
074 Loss on disposal/write-off of PPE	60,465,234.82	65,251,105.65
075 Sub-Total	4,966,221,614.18	5,675,951,690.17
076 Less: Other expenses allocated to fuel inventory	407,609,843.39	364,909,440.58
077 Less: Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
078 Less: Transferred to fly ash utilisation reserve fund	27,754,620.87	15,653,344.04
079 Less: Hedging cost Net recoverable/payable from/to beneficiaries	177,166.00	0.00
080 Less: Others	0.00	0.00
081 Less: Transferred to CSR Expenses	0.00	0.00
082 Less: Transferred to Expenditure during Construction period(net)-Note 47	5,507,836.92	6,400,562.25
083 Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084 Net (Generation, Administration and Other expenses)	4,525,172,147.18	5,288,966,343.30
085 Corporate Social Responsibility Expenses	31,740,222.83	1,032,412.00
086 Less: Grants-in-aid	0.00	0.00
087 Sub-total (Corporate Social Responsibility Expenses)	31,740,222.83	1,032,412.00
088 Provisions	0.00	0.00
089 Doubtful Debts	0.00	0.00
090 Doubtful loans, advances and claims	0.00	0.00
091 Doubtful Construction Advances	0.00	0.00
092 Shortage in stores	0.00	216,442.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 46 TO THE FS--OTHER EXPENSE

(Amount in ₹)

For the Year ended	31.03.2024	31.03.2023
093 Obsolete/Diminution in the value of surplus stores	9,782,916.42	11,005,012.28
094 Shortage in construction stores	0.00	0.00
095 Diminution in value of long term investments	0.00	0.00
096 Shortage in Fixed assets	0.00	3,521,677.00
097 Unfinished minimum work/ progress from oil & gas exploration	0.00	0.00
098 Unserviceable capital works	0.00	0.00
099 Tariff Adjustment	-174,424,000.00	-307,593,000.00
100 Others	0.00	0.00
101 (i) Provision for arbitration cases	7,147,581.00	11,714,178.00
102 (ii) Other provisions	0.00	0.00
103 Total (Provisions)	-157,493,522.58	-281,135,690.72
104	0.00	0.00
108 Total	4,399,418,647.43	5,008,885,064.58
107	0.00	0.00
108 Breakup of miscellaneous expenses.	0.00	0.00
110 Hire charges of office equipment	6,313.00	559,604.00
112 Operating expenses of construction equipment	0.00	0.00
113 Operating expenses of D.G. sets	0.00	0.00
114 Furnishing expenses	1,631,264.42	234,396.33
115 Subscription to trade and other associations	1,999.50	12,000.00
117 Visa and entry permit charges	0.00	0.00
118 Tree plantation exp.-NTPC Land	6,669,941.30	8,585,812.15
119 Research & development expenses	1,070.00	0.00
120 Less : Grants received for Research & development expenses	0.00	0.00
121 Sub-total (Research & development expenses)	1,070.00	0.00
122 Bank charges	-236,259.64	-325,731.36
123 Business Development Expenditure	0.00	0.00
124 Surcharge (NVVN)	0.00	0.00
125 Power Trading Expenses	12,342,866.00	10,303,473.00
126 Brokerage & commission	3,776,782.00	2,374,835.13
130 Books and periodicals	127,508.30	90,332.00
131 Claims/advances written off	0.00	0.00
132 Stores written off	0.00	18,605.25
133 Survey & investigation expenses written off	0.00	0.00
134 Others	23,583,557.46	15,417,379.76
135 Total	47,905,041.84	37,250,806.26
136	0.00	0.00
137	0.00	0.00
138	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 47 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended 31.03.2024	31.03.2023
001 EXPENDITURE DURING CONSTRUCTION PERIOD (NET)	0.00	0.00
002 A. Employee benefits expense	0.00	0.00
003 Salaries and wages	37,474,290.42	28,035,700.60
004 Contribution to provident and other funds	2,688,686.93	1,709,720.23
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	724,403.47	1,300,244.30
007 Total (A)	40,887,560.82	31,045,755.13
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	18,858,764.80	27,186,725.00
011 Foreign currency term loans	52,312,039.40	28,458,817.73
012 Rupee term loans	28,936,275.00	20,847,883.00
013 Foreign currency bonds/notes	0.00	3,934,503.00
014 Unwinding of discount on account of vendor liabilities	0.00	0.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangers Fees	0.00	0.00
020 Commitment charges/Exposure Premium	0.00	340,843.99
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	6,565,002.45	4,802,858.91
027 Exchange differences regarded as adjustment to interest cost	-15,528,903.02	17,267,605.32
028 Total (B)	91,143,176.63	102,819,236.95
029	0.00	0.00
030 C. Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less: Recovered from contractors & employees	20,600.64	15,011.80
034 Sub-total(Net power charges)	-20,600.64	-15,011.80
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	0.00
039 Construction equipment	4,106,344.55	4,884,360.08
040 Others	3,812.42	32,105.73
041	0.00	0.00
042 Insurance	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 47 TO THE FS--EXPENDITURE DURING CONSTRUCTION PERIOD (NET)

(Amount in ₹)

	For the Year ended	31.03.2024	31.03.2023
043	Rates and taxes	2,015.64	215.64
044	Communication expenses	186,686.00	185,548.64
045	Travelling expenses	878,001.91	897,532.98
046	Tender expenses	0.00	0.00
047	Less: Income from sale of tenders	0.00	0.00
048	Sub-total (Net tender expenses)	0.00	0.00
049	Advertisement and publicity	0.00	0.00
050	Security expenses	0.00	0.00
051	Entertainment expenses	209,030.00	228,065.00
052	Guest house expenses	0.00	0.00
053	Less: Receipt from guest house	0.00	0.00
054	Sub-total (Net Guest House Expenses)	0.00	0.00
055	Education expenses	0.00	0.00
056	Brokerage & Commission	0.00	0.00
057	Books and periodicals	0.00	0.00
058	Community development expenses	0.00	0.00
059	Professional charges and consultancy fee	0.00	0.00
060	Legal expenses	0.00	0.00
061	EDP Hire and other charges	0.00	0.00
062	Printing and stationery	700.00	700.00
063	Miscellaneous expenses	51,845.04	189,025.98
064	Total (D)	5,507,836.92	6,460,562.25
065	Total (A+B+C+D)	137,548,596.37	140,265,554.33
066	E. Less: Other income	0.00	0.00
067	Interest from:	0.00	0.00
068	Indian banks	0.00	0.00
069	Foreign banks	0.00	0.00
070	Others	0.00	0.00
071	Contractors	0.00	0.00
072	Hire charges	0.00	0.00
073	Sale of scrap	0.00	0.00
074	Exchange Differences	0.00	0.00
075	Miscellaneous income	65,916.77	57,267.55
076	TOTAL (E)	65,916.77	57,267.55
077	F. Net actuarial gain/loss (OC)	-52,547.90	148,090.07
078		0.00	0.00
079	GRAND TOTAL (A+B+C+D-E+F)	137,430,131.70	140,061,296.71
080		0.00	0.00
081	* Balance carried to Capital Work-in-progress - (Note 3)	137,430,131.70	140,061,296.71

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 47A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2024	31.03.2023
001 EDC- Coal Mining	0.00	0.00
002 A- Employee benefits expense	0.00	0.00
003 Salaries and wages	0.00	0.00
004 Contribution to provident and other funds	0.00	0.00
005 Unwinding of deferred payroll expenses	0.00	0.00
006 Staff welfare expenses	0.00	0.00
007 Total (A)	0.00	0.00
008 B. Finance Costs	0.00	0.00
009 Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010 Bonds	0.00	0.00
011 Foreign currency term loans	0.00	0.00
012 Rupee term loans	0.00	0.00
013 Foreign currency bonds/notes	0.00	0.00
014 Unwinding of discount on account of vendor liabilities	0.00	0.00
015 Others	0.00	0.00
016	0.00	0.00
017 Other Borrowings Costs	0.00	0.00
018 Guarantee Commission	0.00	0.00
019 Management Fees/Arrangem Fees	0.00	0.00
020 Commitment charges/Exposure Premium	0.00	0.00
021 Legal Expenses on foreign currency loans	0.00	0.00
022 Foreign currency bonds/notes expenses	0.00	0.00
023 Foreign Credit Insurance Premium	0.00	0.00
024 Upfront Fee	0.00	0.00
025 Exchange Differences	0.00	0.00
026 Others	0.00	0.00
027 Exchange differences regarded as adjustment to interest cost	0.00	0.00
028 Total (B)	0.00	0.00
029	0.00	0.00
030 C- Depreciation and amortisation	0.00	0.00
031 D. Generation , administration and other expenses	0.00	0.00
032 Power charges	0.00	0.00
033 Less- Recovered from contractors & employees	0.00	0.00
034 Sub-total(Net power charges)	0.00	0.00
035 Water charges	0.00	0.00
036 Rent	0.00	0.00
037 Repairs & maintenance	0.00	0.00
038 Buildings	0.00	0.00
039 Construction equipment	0.00	0.00
040 Others	0.00	0.00
041 Cost of Captive Coal	0.00	0.00
042 Insurance	0.00	0.00
043 Rates and taxes	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 47A TO THE FS-EDC- COAL MINING

(Amount in ₹)

For the Year ended	31.03.2024	31.03.2023
044. Communication expenses	0.00	0.00
045. Travelling expenses	0.00	0.00
046. Tender expenses	0.00	0.00
047. Less: Income from sale of tenders	0.00	0.00
048. Sub-total (Net tender expenses)	0.00	0.00
049. Advertisement and publicity	0.00	0.00
050. Security expenses	0.00	0.00
051. Entertainment expenses	0.00	0.00
052. Guest house expenses	0.00	0.00
053. Less: Receipt from guest house	0.00	0.00
054. Sub-total (Net Guest House Expenses)	0.00	0.00
055. Education expenses	0.00	0.00
056. Brokerage & Commission	0.00	0.00
057. Books and periodicals	0.00	0.00
058. Community development expenses	0.00	0.00
059. Professional charges and consultancy fee	0.00	0.00
060. Legal expenses	0.00	0.00
061. EDP Hire and other charges	0.00	0.00
062. Printing and stationery	0.00	0.00
063. Miscellaneous expenses	0.00	0.00
064. Total (D)	0.00	0.00
065. Total (A+B+C+D)	0.00	0.00
066. E. Less: Other Income	0.00	0.00
067. Interest from	0.00	0.00
068. Indian banks	0.00	0.00
069. Foreign banks	0.00	0.00
070. Others	0.00	0.00
071. Contractors	0.00	0.00
072. Hire charges	0.00	0.00
073. Sale of scrap	0.00	0.00
074. Exchange Differences	0.00	0.00
075. Miscellaneous income	0.00	0.00
076. TOTAL (E)	0.00	0.00
077. F. Net actuarial gain/loss OCI	0.00	0.00
078.	0.00	0.00
079. GRAND TOTAL (A+B+C+D+E+F)	0.00	0.00
080.	0.00	0.00
081. * Balance carried to Capital Work-in-progress - (Note 3)	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 48A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2024	31.03.2023
001 Balance sheet	0.00	0.00
002 Freehold land for which conveyancing of the title is awaiting completion of legal formalities	0.00	0.00
003 (a) area (in acres)	0.00	0.00
004 (b) value (in rs)	0.00	0.00
005 Right-of-use land for which execution of lease deed is awaiting completion of legal formalities	0.00	0.00
006 (a) area (in acres)	2,069.82	2,075.08
007 (b) value (in rs)	2,342,271,321.24	3,707,484,497.00
008 Right-of-use land acquired on perpetual lease and accordingly not amortised	0.00	0.00
009 (a) area (in acres)	0.00	0.00
010 (b) value (in rs)	0.00	0.00
011 Land in physical possession of the company which has not been shown in the books pending settlement of price (in acres)	0.00	0.00
012 Deposit with government authorities towards land in possession of the company included in cost of land which is subject to adjust	0.00	0.00
013 Land not in possession of the company	0.00	0.00
014 (a) area (in acres)	0.00	0.00
015 -Freehold	0.00	0.00
016 -Right of Use	0.00	0.00
017 (b) value (in rs)	0.00	0.00
018 -Freehold	0.00	0.00
019 -Right of Use	0.00	0.00
020 Right-of-use buildings pending completion of legal formalities - value (in rs.)	0.00	0.00
021 Estimated amount of contracts remaining to be executed on capital account and not provided for	0.00	0.00
022 Property, plant & equipment	5,879,518,779.81	8,765,690,250.00
023 Intangible assets	0.00	0.00
024 Details of precommissioning expenditure	0.00	0.00
025 (a) precommissioning expenses	0.00	0.00
026 (b) precommissioning income	0.00	0.00
027 (c) net precommissioning expenditure	0.00	0.00
028	0.00	0.00
029	0.00	0.00
030	0.00	0.00
031 Exchange rate variation taken to revenue during the year (with -ve sign, if favourable)	9,380,324.74	255,311,942.70
045 Exchange rate variation capitalised during the year (with -ve sign, if favourable)	172,661,240.46	49,475,149.94
064 Short Term Leases	0.00	0.00
065 A) Rent	0.00	0.00
066 Company lease accommodation - executives	0.00	0.00
067 Company lease accommodation - directors	0.00	0.00
068 Others	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 48A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2024	31.03.2023
069 Total	0.00	0.00
101 Borrowing cost capitalised during the year	91,143,178.93	102,425,034.00
102 Revenue grants recognized during the year	0.00	0.00
103 Revenue expenditure on research and development	0.00	0.00
104 Capital expenditure on research and development	0.00	0.00
105 Expenditure on sustainability development - capital	260,791.01	215,095.00
106 Expenditure on cap- capital	0.00	0.00
107 Opening balance - CSR Liability	0.00	0.00
108 Paid/Adjusted during the Year out of Opening above	0.00	0.00
109 Amount yet to be paid against Cr Year CSR Exp	0.00	0.00
110 Closing Balance CSR- Liability (110)	0.00	0.00
111	0.00	0.00
112	0.00	0.00
113 Disclosure under mamed act 2006.	0.00	0.00
114 Long-term	0.00	0.00
115 Short-term	-198,114,843.66	-68,136,030.45
116 (i) (a) the principal amount remaining unpaid as at year end	-198,114,843.66	-68,136,030.45
117 (i) (b) interest due there on remaining unpaid as at Year end	0.00	0.00
118 (ii) the amount of interest paid by the buyer in terms of section 16, along with the amounts of the payment made to the supplier	0.00	0.00
119 (iii) the amount of interest due and payable for the period of delay in making payment(which has been paid but beyond the appoin	0.00	0.00
120 (iv) the amount of interest accrued and remaining unpaid at the end of the year; and	0.00	0.00
121 (v) the amount of further interest remaining due and payable even in the succeeding years, until such date when the interest due	0.00	0.00
122 Amount of inventories recognized as an expense (including fuel)	51,784,411,664.80	61,977,342,570.10
123 Amount of inventories capitalised as overhauling assets out of 122 above	245,314,803.05	120,169,007.98
124 Amount capitalised as edc out of 122 above	0.00	0.00
133 Value of Imported Material Consumed during the Year	0.00	0.00
134	0.00	0.00
135 Contingent liabilities	0.00	0.00
136 A. Claims against the company not acknowledged as debts in respect of	0.00	0.00
137 (i)Capital works	4,263,722,102.32	4,162,132,695.00
138 (ii)Land compensation cases	0.00	0.00
139 (iii)Others by state authorities towards-	0.00	0.00
140 (a) Water royalty / water charges / raita tax	0.00	0.00
141 (b) Diversion of land / building permission fees	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT
NOTE NO. 48A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2024	31.03.2023
142 (c) Other demands by state authorities	0.00	0.00
143 (iv) Others by fuel companies	0.00	0.00
144 (a) Disputes related to grade slippage-third party sampling	768,962,695.18	921,425,000.00
145 (b) Surface transportation charges on coal	0.00	0.00
146 (c) Take or pay claim - Gas stations	0.00	0.00
147 (d) Other claims by fuel companies not acknowledged as debt	45,629,829.88	22,769,257.28
149 B. Disputed tax demands	0.00	0.00
150 (i) Income tax	0.00	0.00
151 (ii) Excise duty	0.00	0.00
152 (iii) Sales tax	0.00	0.00
153 (iv) Service tax/GST	139,423,358.70	923,619.02
154 (v) Entry tax	0.00	0.00
155 C. Others	200,000.00	0.00
156 Total	5,218,137,986.08	5,107,270,571.30
157 D. Possible reimbursement on account of contingent liabilities	0.00	0.00
158 (i) Capital works	0.00	0.00
159 (ii) Land compensation cases	0.00	0.00
160 (iii) Others (by state authorities)	0.00	0.00
161	0.00	0.00
162 (iv) Others by fuel companies	768,962,695.18	921,425,000.00
163 (v) Disputed income tax demand	0.00	0.00
164 (vi) Disputed tax demands -others	0.00	0.00
165 (vii) Others	0.00	0.00
167 Total	768,962,695.18	921,425,000.00
168 E. AMOUNT PAID UNDER PROTEST/ADJUSTED BY AUTHORITIES - TAX CASES	0.00	0.00
169 F. CONTINGENT ASSETS	0.00	0.00
170 Intangible under development, less than 1 year	0.00	0.00
171 Intangible under development #: 1-2 year	0.00	0.00
227 Intangible under development #: 2-3 year	0.00	0.00
277 Intangible under development #: More than 3 years	0.00	0.00
278 Capital-Work-in Progress (CWIP)	0.00	0.00
279 Projects in progress	9,870,378,093.15	8,631,290,607.00
280 Projects temporarily suspended	0.00	0.00
281	0.00	0.00
282	0.00	0.00
283 Projects in progress	0.00	0.00
284 Less than 1 year	1,669,992,144.77	2,673,270,283.00
285 1-2 years	2,251,370,038.61	2,814,380,336.00
286 2-3 years	2,783,210,816.59	2,088,888,769.00
287 More than 3 years	3,165,805,093.18	1,054,741,199.00
288 Sub Total (i)	9,870,378,093.15	8,631,290,607.00
289	0.00	0.00

MAUDA SUPER THERMAL POWER PROJECT

NOTE NO. 48A TO THE FINANCIAL STATEMENTS

(Amount in ₹)

As at	31.03.2024	31.03.2023
290 Projects temporarily suspended	0.00	0.00
291 Less than 1 year	0.00	0.00
292 1-2 years	0.00	0.00
293 2-3 years	0.00	0.00
294 More than 3 years	0.00	0.00
295 Sub Total (ii)	0.00	0.00
296	0.00	0.00
380 Previous year figures have been regrouped/rearranged wherever necessary.	0.00	0.00