Summary of Issues: Barauni-II (2x 250 MW)

(In compliance with CERC notice dated 07.06.2024)

The major highlights of the Barauni-II (500 MW) Truing up petition are as follows: -

1) 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 Barauni Stage-II (2x250 MW) for the period from COD of Unit-9 (Unit#2 of stage-II) i.e. 01.11.2021 to 31.03.2024 after the truing up exercise based on actual expenditures as on 31.03.2024.
2) Barauni-II is located at Begusarai District of Bihar of Bihar and comprises of two units of 250 MW each with their respective COD's as 01.03.2020 & 01.11.2021. The power generated from Barauni-II is being supplied to various discoms as per MoP allocation and respective PPAs including North Bihar Power Distribution Company Ltd (NBPDCL) and South Bihar Power Distribution Company Ltd. (SBPDCL).
3) The tariff determination for Barauni-II for the period from 01.03.2020 to 31.3.2024 (i.e. U#8 and U#9 COD) is under consideration of Hon'ble Commission in Petition No. 120/GT/2023. The capital cost claimed in 120/GT/2023 for tariff determination includes the actual/projected additional capital expenditure for the period 2019-24.
4) Now, tariff of Barauni-II for the tariff period 2019-24 based on actual expenditures as on 31.03.2024 is annexed with the petition as per provisions of Regulation 13 of CERC Tariff Regulations 2019.

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5) The actual Additional Capital Expenditure on cash basis for the FY 2019-20, 2020-21, 2021-22, 2022-23 and 2023-24 are Rs 52.33 Cr., Rs 50.21 Cr., Rs 105.92 Cr., Rs 79.33 Cr. and Rs 170.66 Cr. respectively amounting to total of Rs 458.44 crores during the 2019-24 period. The same has been depicted year wise in Form 9A of the Appendix-I along with applicable regulations and justification for the claims. It is humbly requested to approve the actual Additional Capital expenditure during the period from U#9 COD (i.e. 1.11.2021) to 31.03.2024.

6) 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 mentionable that Barauni TPS was transferred to the petitioner w.e.f 15.12.2018, the water agreement between WRD, GoB and BSEB/BSPGCL dated 18.06.2007 (document enclosed at Annexure- D) directs to pay water charges as allocated. 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 claimed is submitted in Form 3A and Form 19. Hon'ble Commission may please allow the claim of water charges paid on allocation basis.
- It is further mentioned that the Barauni-II 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 these central government owned thermal power station is provided

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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 mission is to provide security to large institutions like Barauni-II. 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 local and 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 claim of Capital spares for the instant station, as claimed by the Petitioner in Form 3A of Appendix-I.

7) Petitioner has also prayed for considering station heat rate based on design heat rate with applicable operating margin as detailed in the petition.

8) In the light of above submission and as per the Petition being filed by the Petitioner for revision of tariff of Barauni-II (500 MW), The Hon'ble Commission may please approve revised tariff for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.

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BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO……

For Final True-up in Petition No. 120/GT/2023

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 **Barauni Thermal Power Station Stage-II (2x250 MW)** for the period from COD of Unit-9 (Unit#2 of stage-II) upto 31.03.2024 (i.e. 01.11.2021 to 31.03.2024) after the truing up exercise.

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BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

PETITION NO._____OF_____

For Final True-up in Petition No. 120/GT/2023

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 **Barauni Thermal Power Station Stage-II (2x250 MW)** for the period from COD of Unit-9 (Unit#2 of stage-II) upto 31.03.2024 (i.e. 01.11.2021 to 31.03.2024) after the truing up exercise.

AND

IN THE MATTER OF:- Revision of Tariff for Barauni Thermal Power Station Stage-II (2x250 MW) **for period U#9 COD (i.e. 01.11.2021) to 31.03.2024**

Petitioner: **:** NTPC Ltd,

NTPC Bhawan, Core-7, Scope Complex 7,
Institutional Area, Lodhi Road,
New Delhi – 110003

Respondents

1. North Bihar Power Distribution Company Ltd (NBPDCL), Vidyut Bhawan, Bailey Road Patna- 800021.

2. South Bihar Power Distribution Company Ltd (SBPDCL), Vidyut Bhawan, Bailey Road Patna- 800021

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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. Barauni Thermal Power Station, Stage-II (2x250 MW) (hereinafter referred to as Barauni-II) is one such station located in the State of Bihar.

3) The Barauni Thermal Power Station Stage-II was previously owned by Bihar State Power Generating Company Ltd (BSPGCL). The assets of Barauni TPS Stage-II were transferred and vested with NTPC, by the Government of Bihar (GoB) in accordance with the "The Bihar Power Generation Undertakings Transfer Scheme, 2018", (hereinafter called 'Transfer Scheme'), vide notification dated 27.06.2018. However, in partial modification of the above notification, Govt. of Bihar has finally notified vide no.11 dated 14.12.2018 effective date of transfer of Barauni Thermal power station (Stage-I & Stage-II) to NTPC from BSPGCL to be 15.12.2018. Based on above, the assets of Barauni TPS Stage-II have been taken over by NTPC w.e.f. 15.12.2018**.** Copy of the said Transfer Scheme and Notification dated 27.06.2018 &14.12.2018 respectively is attached as **Annexure-A**. Further, Ministry of Power, Government of India vide letter dated 21.06.2018 has allocated 100% power from 2x250MW Units of Barauni TPS Stage-II to Bihar (A copy of the allocation letter is attached at **Annexure-B**).

4) The power generated from Barauni-II is being supplied to the respondents herein mentioned above.

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5) 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.

6) 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.

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

"9. <u>Application for determination of tariff:</u>

....

"(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."

8) It is submitted that petitioner has filed tariff petition no: 231/GT/2020 on COD of unit-9 based on projected capital cost. After the declaration of Unit-8 COD Hon'ble Commission has directed petitioner to file separate petition for both units on actual capital cost and disposed off the petition no:231/GT/2020. In accordance with the above, Petition No. 120/GT/2023 for determination of tariff for Barauni-II was filed before the Hon'ble Commission based on the actual capital cost on COD of U#9, pursuant to the directions of Hon'ble Commission the amended petition was filed based on actual capital cost as on COD of U#

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i.e. 01.03.2020 and as on COD of U#9 i.e. 01.11.2021 and the projected estimated additional capital expenditure for the period upto 31.03.2024.

9) Further, the tariff for Barauni-II for the period from 01.03.2020 to 31.3.2024 is yet to be determined by the Hon'ble Commission in Petition No. 120/GT/2023. The capital cost claimed in Petition No. 120/GT/2023 for tariff determination includes the actual/ projected additional capital expenditure for the period 01.03.2020 to 31.03.2024.

10) 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-I 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.

……."

11) It is submitted that the tariff for Barauni-II for the period from 01.03.2020 to 31.3.2024 in Petition No. 120/GT/2023 is under consideration of Hon'ble Commission and is yet to be determined. In line with the provisions of quoted above, the Petitioner is filing this petition for truing up the additional capital expenditure for the control period 2019-24, actual capital cost claimed as on U#8 COD i.e.01.03.2020, U#9 COD i.e. 01.11.2021 already considered in aforesaid petition and further actual capital expenditure incurred during the period from U#9 COD i.e. 01.11.2021 to 31.03.2024 is being trued-up.

12) The year wise actual capital expenditure has been indicated and enclosed as part of **Appendix-I** herewith. In addition to the actual additional capita

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expenditure as above, discharge of liabilities during the period from 01.03.2020 to 31.03.2024 (year wise) out of the liabilities excluded from capital cost for the works already allowed/ claimed have also been indicated.

13) It is submitted that the additional capitalization of original scope on account of ECS have been undertaken in instant station in view of compliance of the Revised Emission Standards as notified by MOEF vide notification dated 07.12.2015 as amended. The Combustion Modification System (Nox) of Emission Control System (ECS) of Unit-1 & Unit-2 has been installed and commissioned in instant station in FY 22-23 and FY 23-24 respectively. Accordingly, the petitioner has claimed additional O&M expenses in instant petition. Hon'ble commission may pleased to allow the same.

14) 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.

15) 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 preceding three months from date of COD of U#8 and U#9 and third quarter of 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.

16) It is submitted that in case some of the loans allocated to this station are 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 shall be applied by adjusting the rate of interest of new loans while

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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%

17) The Petitioner humbly submits that in the tariff petition 120/GT/2023 for the instant station at Para 21 the petitioner has claimed water charges, based on projections subject to true-up, same is under consideration of Hon'ble Commission. Accordingly, the details for water charges comprising the contracted quantity, allocation of water, the actual water consumed during 2019-24, the basis of calculation of quantity of consumptive water and computation of water charges are being submitted in the instant petition.

18) It is submitted that in the tariff petition 120/GT/2023 for the instant station at Para 22 the petitioner has claimed Capital spares consumption, subject to claim on merits towards capital spares consumption at the time of truing up true-up, same is under consideration of Hon'ble Commission. As, station is within the cutoff date to claim initial spares, accordingly, the same has been claimed in Form-3A 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.

19) It is further submitted that in petition no. 120/GT/2023 for the instant station, the claim against security expenses had been claimed by the petitioner on actual/estimated basis subject to true-up, same is under consideration of Hon'ble Commission. The details of actual security expenses has been provided in Form-3A of the attached Appendix-I for the period 2019-24. 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.

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20) It is submitted that Petitioner in petition no. 120/GT/2023 for the instant station has prayed for consideration of heat rate based on design heat rate with applicable operating margin, same is under consideration of Hon'ble Commission. Further, Hon'ble Commission has prescribed boiler efficiency and turbine heat rate separately for deriving the unit heat rate where the Unit Heat Rate is not guaranteed by the suppliers. It is submitted that the instant station is taken over project w.e.f. 15.12.2018. BSPGCL, who was the owner of the plant before 15.12.2018, had envisaged this project during the period 2004-09 and equipment including SG and TG specifications for tendering / award may have been specified by the BSPGCL based on norms as specified by Bihar Electricity Regulatory Commission at that time. It was not possible for NTPC/ BSPGCL to specify the efficiency parameters at the time of finalizing the contracts on the instant station as per the efficiency parameters specified in Tariff Regulations 2019-24 which are more stringent.

In a similar case, Hon'ble Commission in its order dated 20.02.2014 in Petition No. 160/GT/2012 has considered the design parameters for computing Gross Heat Rate of the station with appropriate operating margin and has stated as under:

> *"161. As per the guaranteed turbine cycle heat rate of 1945 kCal/kWh and boiler efficiency of 88.5% along with the deviation of 6.5 % as per the 2009 Tariff Regulations, the Gross Heat Rate works out to 2340.59 kcal/kWh. Without the margin of Auxiliary consumption of 6.5%, the Gross Heat Rate works out as 2197.74 kcal/kWh. In light of this, achieving a GSHR of 2220 kcal/kWh as per submission of the respondents 1 to 6 is not possible. Also, the EPC contract was finalized in 2006 and there was no possibility for the petitioner to specify the Station Heat Rate as per the 2009 Tariff Regulations. In view of above, we consider a GSHR of 2340.59 kCal/kWh based on guaranteed turbine cycle heat rate 1945 kCal/kWh and boiler efficiency of 88.5% with a deviation of 6.5 % from the guaranteed design value."*

21) Further, if the BSPGCL had stipulated more stringent unit heat rate this would have increased the capital cost commensurate to the efficiency parameters sought. The benefit of the lower capital cost due to lower efficiency parameters is being passed onto the beneficiaries in terms of lower capital cost. If no

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boiler efficiency for working out the normative heat rate is considered as 86% instead of the actual design efficiency of 85.6% the unit heat rate would be worked out to be 2377.27 kcal/kwh and the operating margin available over the design heat rate would be ~4.5% only which is less than the operating margin of 5% allowed in the Tariff Regulations 2019. Moreover, it is submitted that boiler efficiency is largely a function of coal quality and the boiler parameters was designed/ order based on the coal quality envisaged from Badam Coal Mine. In view of above submissions, it is prayed that Gross Station Heat rate may be allowed based on guaranteed turbine cycle heat rate of 1947.1 Kcal/Kwh **(attached at Annexure-C)** and design boiler efficiency of 85.6% with an operating margin of 5 % from the guaranteed design value. The tariff computation attached at **Appendix**-I is based on considering Station Heat Rate as per design heat rate with applicable operating margin.

22) The tariff calculation based on the above & other applicable provisions, in the formats provided in the **Appendix-I** of the Tariff Regulations 2019.

23) The Petitioner is filing this tariff Petition subject to the outcome of its various appeals/petitions pending before different courts. Besides, the petition on COD of U#8 and U#9 i.e. 120/GT/2023 filed by the petitioner for determination of tariff of instant station is pending before the Hon'ble Commission and would take some time. The Petitioner, therefore, reserves its right to amend the tariff petition as per the outcome in such appeals/ petitions, if required.

24) 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 the Petitioner, therefore, prays that the Hon'ble Commission may be pleased to:

i) Approve revised tariff of **Barauni-II** for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019.

ii) Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner.

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iii) Consider station heat rate based on design heat rate with applicable operating margin.

iv) Pass any other order as it may deem fit in the circumstances mentioned above.

(Petitioner)

Noida

Date: ……

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BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

PETITION NO.....

For Final True-up in Petition No. 120/GT/2023

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 **Barauni Thermal Power Station Stage-II (2x250 MW)** for the period from COD of Unit-9 (Unit#2 of stage-II, i.e. 01.11.2021) to 31.03.2024 after the truing up exercise..
Petitioner:	:	NTPC Ltd. NTPC Bhawan Core-7, Scope Complex 7, Institutional Area, Lodhi Road New Delhi-110 003
Respondents:		North Bihar Power Distribution Company Ltd. (NBPDCL) & Others

NOTARIAL YOGENDRA SINGH AREA NOIDA G.B. NAGAR REGN. NO. 5677/08 NOTARIAL

AFFIDAVIT

I, Prashant Chaturvedi, S/o Dr. S.C Chaturvedi, aged about 48 years, resident of 103, Bhabha Tower, Griha Pravesh, Sector-77, Noida- 201301, do hereby solemnly affirm and state as follows:

1. 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.

2. 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.

NOTARY YOGENDRA SINGH AREA NOIDA G.B. NAGAR REGN. NO. 5677/08 GOVT. OF INDIA

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

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3. That the contents of Para No..01..... to..24... as mentioned in the Petition are true and correct based on the my personal knowledge, belief and records maintained in the office.

4. That the annexures annexed to the Petition are correct and true copies of the respective originals.

5. 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.

(Deponent)
प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

Verification:

Verified at Noida on this 29 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.

(Deponent)

प्रशान्त चतुर्वेदी/PRASHANT CHATURVEDI
अपर महाप्रबन्धक (वाणिज्यिक)
Addl. General Manager (Commercial)
एन टी पी सी लिमिटेड/NTPC LIMITED

NOTARY
YOGENDRA SINGH
AREA NOIDA
G.B. NAGAR
REGN. NO. 5977/08
GOVT. OF INDIA

ATTESTED
YOGENDRA SINGH
NOTARY NOIDA
G B NAGAR (U.P.) INDIA

29 NOV 2024

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TARIFF FILING FORMS (THERMAL)

FOR REVISION OF TARIFF

FOR

Barauni Stage-II (2x250 MW)

(From U#9 COD (01.11.2021) to 31.03.2024)

PART-I

ANNEXURE-I

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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

Form No.	Title of Tariff Filing Forms (Thermal)	Tick
FORM- 1	Summary of Tariff	**ü**
FORM -1 (I)	Statement showing claimed capital cost	**ü**
FORM -1 (II)	Statement showing Return on Equity	**ü**
FORM-2	Plant Characteristics	**ü**
FORM-3	Normative parameters considered for tariff computations	**ü**
FORM-3A**	Statement showing O&M Expenses	**ü**
FORM-3B**	Statement of Special Allowance	**NA**
FORM- 4	Details of Foreign loans	**NA**
FORM- 4A	Details of Foreign Equity	**NA**
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	**ü**
FORM-5A**	Abstract of Claimed Capital Cost for the existing Projects	**NA**
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	**ü**
FORM-9A**	Summary of Statement of Additional Capitalisation claimed during the period	**ü**
FORM-9 ##	Statement of Additional Capitalisation after COD	**ü**
FORM- 10	Financing of Additional Capitalisation	**ü**
FORM- 11	Calculation of Depreciation on original project cost	**ü**
FORM- 12	Statement of Depreciation	**ü**
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	**ü**
FORM- 14	Draw Down Schedule for Calculation of IDC & Financing Charges	**NA**
FORM- 15	Details of Fuel for Computation of Energy Charges	**ü**
FORM- 15A	Details of Seconday Fuel for Computation of Energy Charges	**ü**
FORM- 15B	Computation of Energy Charges	**ü**
FORM- 16	Details of Limestone for Computation of Energy Charge Rate	**NA**
FORM-17	Details of Capital Spares	**ü**
FORM- 18	Non-Tariff Income	**ü**
FORM-19	Details of Water Charges	**ü**
FORM-20	Details of Statutory Charges	**ü**

Provided yearwise for the period 2019-24

PART-I

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

Form No.	Title of Tariff Filing Forms (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/Liquid fuel 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 Capitalisation during end of the useful life	**NA**
FORM –I	Details of Assets De-capitalised during the period	**ü**
FORM –J	Reconciliation of Capitalisation claimed vis-à-vis books of accounts	**ü**
FORM –K	Statement showing details of items/assets/works claimed under Exclusions	**ü**
FORM-L	Statement of Capital cost	**ü**
FORM-M	Statement of Capital Woks in Progress	**ü**
FORM-N	Calculation of Interest on Normative Loan	**ü**
FORM-O	Calculation of Interest on Working Capital	**ü**
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	**ü**
FORM-T	Summary of issues involved in the petition	**ü**

**** Additional Forms**

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Location: NTPC LTD.

PART-I
FORM- 1

Summary of Tariff

	Name of the Petitioner:	**NTPC Limited**
	Name of the Generating Station:	**Barauni-II TPS (2 x 250 MW)**
	Place (Region/District/State):	**Eastern Region /Bihar**

Amount in Rs. Lakhs

S. No.	Particulars	Unit	*Existing 2018-19*	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	2022-23	2023-24
1	2	3	4	5	6		7	8	9
1.1	Depreciation	Rs Lakh	*0.00*	7,973.42	8,229.42	8,356.50	13,795.29	14,223.23	14,887.57
1.2	Interest on Loan	Rs Lakh	*0.00*	8,562.82	7,507.92	7,031.45	11,599.01	12,163.67	13,155.73
1.3	Return on Equity	Rs Lakh	*0.00*	8,997.34	9,286.21	9,429.60	15,414.35	15,934.29	16,638.59
1.4	Interest on Working Capital	Rs Lakh	*0.00*	2,196.16	1,925.22	2,072.62	3,923.72	4,005.06	4,767.34
1.5	O&M Expenses	Rs Lakh	*0.00*	12105.13	9606.50	9628.72	20191.84	22447.02	22109.54
1.6	Special Allowance (If applicable)	Rs Lakh							
1.7	Compensation Allowance (If applicable – relevant for column 4 only)	Rs. Lakh	*0.00*						
1.8	unrecovered depreciation at the end of useful life	Rs. Lakh							
	Total	Rs Lakh	***0.00***	**39834.87**	**36555.28**	**36518.89**	**64924.20**	**68773.28**	**71558.76**
2.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA	Rs/Ton	*0.00*	3321.89	3321.89	4301.29	3750.21	3714.55	3602.55
	(%) of Fuel Quantity	(%)							
2.2	Landed Fuel Cost Imported Coal		NA						
	(%) 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/Unit	0.00	0.03	0.03	0.02	0.03	0.03	0.05
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	Rs/Unit	0.000	2.259	2.259	2.860	2.702	2.663	2.817

(Petitioner)

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Location: NTPC LTD.

PART-I
FORM- 1(I)

Name of the Petitioner:	**NTPC Limited**
Name of the Generating Station:	**Barauni-II TPS (2 x 250 MW)**

Amount in Rs. Lakhs

Statement showing claimed capital cost – (A+B)

S. No.	Particulars	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	2022-23	2023-24
1	2	3	4		5	6	7
1	Opening Capital Cost	1,57,063.69	1,62,296.65	1,67,317.29	2,68,304.63	2,78,827.22	2,86,760.17
2	Add: Addition during the year/period	-	349.69	-	4,930.20	6,342.75	16,269.66
3	Less: De-capitalisation during the year/period	-	-	-	-68.82	-162.39	-615.18
4	Less: Reversal during the year / period	-	-	-	-	-	-
5	Add: Discharges during the year/ period	5,232.96	4,670.95	68.97	5,661.21	1,752.59	1,411.49
6	Closing Capital Cost	1,62,296.65	1,67,317.29	1,67,386.26	2,78,827.22	2,86,760.17	3,03,826.15
7	**Average Capital Cost**	**1,59,680.17**	**1,64,806.97**	**1,67,351.78**	**2,73,565.93**	**2,82,793.70**	**2,95,293.16**

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

S. No.	Particulars	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	2022-23	2023-24
1	2	3	4		5	6	7
a	Capital Cost as on CoD of Unit-I/-II	157063.69			268029.11		
b	Notional IDC	0.00			275.52		
1	Opening Capital Cost	157063.69	162296.65	167317.29	268304.63	278827.22	286760.17
2	Add: Addition during the year / period	0.00	349.69	0.00	4930.20	6342.75	16269.66
3	Less: De-capitalisation during the year / period	0.00	0.00	0.00	-68.82	-162.39	-615.18
4	Less: Reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
5	Add: Discharges during the year / period	5232.96	4670.95	68.97	5661.21	1752.59	1411.49
6	Closing Capital Cost	162296.65	167317.29	167386.26	278827.22	286760.17	303826.15
7	**Average Capital Cost**	**159680.17**	**164806.97**	**167351.78**	**273565.93**	**282793.70**	**295293.16**

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

S. No.	Particulars	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	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	0.00
2	Add: Addition during the year / period	0.00	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	0.00
4	Less: Reversal during the year / period	0.00	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	0.00
6	Closing Capital Cost	0.00	0.00	0.00	0.00	0.00	0.00
7	**Average Capital Cost**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- 1(IIA)

	Name of the Petitioner:	**NTPC Limited**
	Name of the Generating Station:	**Barauni-II TPS (2 x 250 MW)**

Statement showing Return on Equity at Normal Rate

Amount in Rs. Lakhs

S. No.	Particulars	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	2022-23	2023-24
		31	*365*	*214*	*151*	*365*	*366*
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
	Return on Equity						
1	Gross Opening Equity (Normal)	47,119.11	48,688.99	50,195.19	80,491.39	83,648.17	86,028.05
2	Less: Adjustment in Opening Equity	-	-		-	-	-
3	Adjustment during the year		-		-	-	-
4	Net Opening Equity (Normal)	47,119.11	48,688.99	50,195.19	80,491.39	83,648.17	86,028.05
5	Add: Increase in equity due to addition during the year /	0.00	104.91	0.00	1479.06	1902.82	4880.90
7	Less: Decrease due to De-capitalisation during the year /	0.00	0.00	0.00	-20.65	-48.72	-184.55
8	Less: Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
9	Add: Increase due to discharges during the year / period	1569.89	1401.29	20.69	1698.36	525.78	423.45
10	Net closing Equity (Normal)	**48,688.99**	**50,195.19**	**50,215.88**	**83,648.17**	**86,028.05**	**91,147.84**
11	Average Equity (Normal)	47,904.05	49,442.09	50,205.53	82,069.78	84,838.11	88,587.95
12	Rate of ROE (%)	18.782	18.782	18.782	18.782	18.782	18.782
13	Total ROE	**8,997.34**	**9,286.21**	**9,429.60**	**15,414.35**	**15,934.29**	**16,638.59**
14	Total ROE for the period	762.07	9286.21	5528.59	6376.89	15934.29	16684.17

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Location: NTPC LTD.

PART-I

FORM- 1(IIB)

Name of the Petitioner:	**NTPC Limited**
Name of the Generating Station:	**Barauni-II TPS (2 x 250 MW)**

Statement showing Return on Equity at RoE at weighted average rate of interest

Amount in Rs. Lakhs

S. No.	Particulars	2019-20 CoD of U-8 (01.03.2020 to 31.03.2020)	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 CoD of U-9 (01.11.2021 to 31.03.2022)	2022-23	2023-24
1	2	3	4		5	6	7
	Return on Equity at weighted average rate of interest (WAROI)						
1	Gross Opening Equity (Normal)	0.00	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	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	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	0.00
7	Less: Decrease due to De-capitalisation during the year / period	0.00	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	0.00
9	Add: Increase due to discharges during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
10	Net closing Equity (Normal)	0.00	0.00	0.00	0.00	0.00	0.00
11	Average Equity (Normal)	0.00	0.00	0.00	0.00	0.00	0.00
12	Rate of ROE (%)	9.311	8.228	8.054	8.039	8.602	9.626
13	**Total ROE**	**0.00**	**0.00**		**0.00**	**0.00**	**0.00**

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Location: NTPC LTD.

PART-I
FORM-2

Plant Characteristics

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**Barauni-II TPS (2 x 250 MW)**	
Unit(s)/Block(s)/Parameters	**Unit-8**	**Unit-9**
Installed Capacity (MW)	250	250
Schedule COD as per Investment Approval (as per Transfer Scheme)	15.12.2020	15.12.2020
Actual COD /Date of Taken Over (as applicable)	01.03.2020 (Actual)	01.11.2021 (Actual)
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].	150	150
Main Steam Temperature at Turbine inlet (^oC) [1]	537	537
Reheat Steam Pressure at Turbine inlet ($kg/Cm^{2)}$ [1]	35.77	35.77
Reheat Steam Temperature at Turbine inlet (^oC) [1]	537	537
Main Steam flow at Turbine inlet under MCR condition (tons /hr)[2]	739.661	739.661
Main Steam flow at Turbine inlet under VWO condition (tons /hr)[2]	783.151	783.151
Unit Gross electrical output under MCR /Rated condition (MW)[2]	250	250
Unit Gross electrical output under VWO condition (MW)[2]	264.912	264.912
Guaranteed Design Gross Turbine Cycle Heat Rate (kCal/kWh)3	1947.1	1947.1
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% of MCR	3% of MCR
Design Capacity of Inlet Cooling System	37600	37600
Design Cooling Water Temperature (^0C)	33	33
Back Pressure	0.1033	0.1033
Steam flow at super heater outlet under BMCR condition (tons/hr)	810	810
Steam Pressure at super heater outlet under BMCR condition) (**kg/Cm^2**)	155	155
Steam Temperature at super heater outlet under BMCR condition (**^0C**)	540	540
Steam Temperature at Reheater outlet at BMCR condition (^0C)	540	540
Design / Guaranteed Boiler Efficiency (%)[4]	85.6	85.6
Design Fuel with and without Blending of domestic/imported coal	Domestic Coal	Domestic Coal
(GCV) Domestic Design coal	3300	3300
Blended Coal (Domestic Design 70%+ Imported 30%)		
Type of Cooling Tower	IDCT	IDCT
Type of cooling system[5]	Closed Circuit Cooling	
Type of Boiler Feed Pump[6]	2 Nos. Of MDBFP	2 Nos. Of MDBFP
Type of Coal Mill	Ball & Tube type Coal Mill	Ball & Tube type Coal Mill
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, CM, Provision for FGD	ESP, CM, Provision for FGD
Any other special features		

1: At Turbine MCR condition.
2: with 0% (Nil) make up and design Cooling water temperature
3: at TMCR output based on gross generation, 0% (Nil) makeup and design Cooling water temperature.
4: With Performance coal based on Higher Heating Value (HHV) of fuel and at BMCR) out put
5: Closed circuit cooling, once through cooling, sea cooling, natural draft cooling, induced draft cooling etc.
6: Motor driven, Steam turbine driven etc.
7: Coal or natural gas or Naptha or lignite etc.
8: Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake /makeup water systems etc. scrubbers etc. Specify all such features
9: Any Special Technological feature like Advanced class FA technology in Gas Turbines, etc.
10: Environmental Regulation related features like FGD, ESP etc.,

Note 1: In case of deviation from specified conditions in Regulation, correction curve of manufacturer may also be submitted.
Note 2: Heat Balance Diagram has to be submitted along with above information in case of new stations.
Note 3: The Terms – MCR, BMCR, HHV, Performance coal, are as defined in CEA Technical Standards for Construction of Electric Plants and
Note 4: The copy of Certificate shall be submitted in terms of Regulation 4 as per Appendix-VI

Petitioner

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PART-I
FORM- 3

Normative parameters considered for tariff computations

Name of the Petitioner:	**NTPC Ltd**
Name of the Generating Station:	**Barauni-II TPS (2 x 250 MW)**

(Year Ending March)

Particulars	Unit	2019-20 (01.03.2020 to 31.03.2020) COD of U-8	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 (01.11.2021 to 31.03.2022) COD of U-9	2022-23	2023-24
1	2	4	5	6		7	8
Base Rate of Return on Equity $$	%	15.50	15.50	15.50	15.50	15.50	15.50
Base Rate of Return on Equity on Add. Capita	%	9.311	8.228	8.054	8.039	8.602	9.626
Effective Tax Rate	%	17.4720	17.4720	17.4720	17.4720	17.4720	17.4720
Target Availability	%	85.00	85.00	85.00	85.00	85.00	85.00
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	%	9.80	9.80	9.80	9.80	9.80	9.80
Gross Station Heat Rate	kCal/kWh	2388.38	2388.38	2388.38	2388.38	2388.38	2388.38
Specific Fuel Oil Consumption	ml/kWh	0.50	0.50	0.50	0.50	0.50	0.50
Cost of Coal/Lignite for WC	in Days	50	50	50	50	50	50
Cost of Main Secondary Fuel Oil for WC	in Months	2	2	2	2	2	2
Fuel Cost for WC	in Months	-	-	-	-	-	-
Liquid Fuel Stock for WC	in Months	-	-	-	-	-	-
O&M Expenses	Rs lakh/MW	32.96	34.12	35.31	35.31	36.56	37.84
Maintenance Spares for WC	% of O&M	20.00	20.00	20.00	0.00	20.00	20.00
Receivables for WC	in Days	45	45	45	45	45	45
Storage capacity of Primary fuel	MT	177600					
SBI 1 Year MCLR plus 350 basis point	%	12.05	11.25	10.50	10.50	10.50	12.00
Blending ratio of domestic coal/imported coal							

**** Boiler has tube type mills***

Petitioner

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Location: NTPC LTD.

Part-I
FORM-3A
ADDITIONAL FORM

Calculation of O&M Expenses

Name of the Company :	**NTPC Limited**
Name of the Power Station :	**Barauni-II TPS (2 x 250 MW)**

Amount in Rs. Lakhs

S.No.	Particulars	2019-20 (01.03.2020 to 31.03.2020) COD of U-8	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 (01.11.2021 to 31.03.2022) COD of U-9	2022-23	2023-24
1	2	3	4	5	6	7	8
1	**O&M expenses under Reg.35(1)**						
1a	Normative	8240.00	8530.00	8827.50	17655.00	18280.00	18920.00
2	**O&M expenses under Reg.35(1) (7)**						
2a	Normative - ECS (CM)					13.48	30.89
3	**O&M expenses under Reg.35(1)(6)**						
3a	Water Charges#	0.00	0.00	0.00	0.00	1513.82	442.71
3b	Security expenses	3865.13	1076.50	801.22	2536.84	2639.72	2715.94
3c	Capital Spares	0.00	0.00	0.00	0.00	0.00	0.00
	Sub total (3)	**12105.13**	**9606.50**	**9628.72**	**20191.84**	**22447.02**	**22109.54**
4	O&M expenses-Ash Transportation	0.00	0.00	0.00	0.00	0.00	0.00
	Total O&M Expenses (1 to 4)	**12105.13**	**9606.50**	**9628.72**	**20191.84**	**22447.02**	**22109.54**

Water Charges : Details provided in Form-19

Petitioner

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM-5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Company	**NTPC Ltd.**	
Name of the Power Station	**Barauni-II TPS (2 x 250 MW)**	
Last date of order of Commission for the project	**Date (DD-MM-YYYY)**	Order dated 20.01.2024 in Petition 231/GT/2020. Petition no.120/GT/2023 under consideration of Hon'ble Commission.
Reference of petition no. in which the above order was passed	Petition no.	231/GT/2020 (2019-24). Further, 120/GT/2023 (2019-24) under consideration of Hon'ble Commissison
Following details (whether admitted and /or considered) as on the last date of the period for which tariff is approved, in the above order by the Commission:		
Capital cost	(Rs. in lakh)	*CERC order in 2019-24 main petition (120/GT/2023) is awaited.*
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)		
Gross Normative Debt		
Cumulative Repayment		
Net Normative Debt		
Normative Equity		
Cumulative Depreciation		
Freehold land		

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Name of the Company: NTPC Ltd
Name of the Power Station: Barauni-II TPS (2 x 250 MW)
Project Cost as on COD:
Date of Commercial Operation of the Station: 01.11.2021

PART-I

Form-4

DETAILS OF FOREIGN LOANS
(Details only in respect of loans applicable to the project under petition)

Name of the company NTPC LIMITED
Name of the Power Station

Exchange Rate as on	31-03-2019	USD = Rs.	69.77	EUR = Rs.	78.84	JPY = Rs.	0.6343
Exchange Rate as on	31-03-2020	USD = Rs.	76.06	EUR = Rs.	84.43	JPY = Rs.	0.7069
Exchange Rate as on	31-03-2021	USD = Rs.	74.06	EUR = Rs.	87.28	JPY = Rs.	0.6730
Exchange Rate as on	31-03-2022	USD = Rs.	76.33	EUR = Rs.	85.76	JPY = Rs.	0.6280
Exchange Rate as on	31-03-2023	USD = Rs.	82.74	EUR = Rs.	90.87	JPY = Rs.	0.6263
Exchange Rate as on	31-03-2024	USD = Rs.	83.95	EUR = Rs.	91.51	JPY = Rs.	0.5576

1.38% **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)**

Financial Year (Starting from COD)	**2019-20 (01.04.2019 to 31.03.2020)**				**2020-21 (01.04.2020 to 31.03.2021)**				**2021-22 (01.04.2021 to 31.03.2022)**				**2022-23 (01.04.2022 to 31.03.2023)**				**2023-24 (01.04.2023 to 31.03.2024)**			
1	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**
USD 750M Drawl I	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-									25-04-2022	14	76.16	1,050.00	01-04-2023	13.79	82.74	1,140.67
Loan repayment upto previous period																				
Net loan at the Beginning of the period				-									25-04-2022	14	76.16	1,050.00	01-04-2023	13.79	82.74	1,140.67
Schedule repayment date of principal																				-
Scheduled payment date of interest				-									25-07-2022	0.07	80.02	5.91	25-04-2023	0.39	82.15	32.43
Witholding tax including surcharge on interest				-									25-07-2022	0.00	79.61	0.04	25-04-2023	0.00	81.72	0.25
Schedule repayment date of principal																				-
Scheduled payment date of interest				-									25-10-2022	0.13	83.14	10.87	25-10-2023	0.44	83.19	36.48
Witholding tax including surcharge on interest				-									25-10-2022	0.00	82.55	0.08	25-10-2023	0.00	82.78	0.28
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
													31-03-2023			90.67	31-03-2024			16.68
At the end of Financial year			**0.00**	**-**									31-03-2023	**13.79**	**82.74**	**1,140.67**	31-03-2024	**13.79**	**83.95**	**1,157.36**

5.79% **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)** **(Amount in Lacs)**

Financial Year (Starting from COD)	**2019-20 (01.04.2019 to 31.03.2020)**				**2020-21 (01.04.2020 to 31.03.2021)**				**2021-22 (01.04.2021 to 31.03.2022)**				**2022-23 (01.04.2022 to 31.03.2023)**				**2023-24 (01.04.2023 to 31.03.2024)**			
1	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**2**	**3**	**4**
USD 750M Drawl II	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-									29-07-2022	58	79.87	4,625.00	01-04-2023	57.90	82.74	4,790.93
Loan repayment upto previous period																				
Net loan at the Beginning of the period				-									29-07-2022	58	79.87	4,625.00	01-04-2023	57.90	82.74	4,790.93
Schedule repayment date of principal																				
Scheduled payment date of interest				-													25-04-2023	1.66	82.15	136.20
Witholding tax including surcharge on interest				-													25-04-2023	0.01	81.72	1.03
Schedule repayment date of principal																				
Scheduled payment date of interest				-									25-10-2022	0.53	83.14	44.08	25-10-2023	1.84	83.19	153.22
Witholding tax including surcharge on interest				-									25-10-2022	0.00	82.55	0.33	25-10-2023	0.01	82.78	1.16
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
													31-03-2023			165.93	31-03-2024			70.06
At the end of Financial year			**0.00**	**-**									31-03-2023	**57.90**	**82.74**	**4,790.93**	31-03-2024	**57.90**	**83.95**	**4,860.99**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form-4

Name of the Company: NTPC Ltd — PART-I
Name of the Power Station: Barauni-II TPS (2 x 250 MW)
Project Cost as on COD:
Date of Commercial Operation of the Station: 01.11.2021

0.25% (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
USD 750M Drawl III	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-									28-09-2022	6	81.58	500.00	01-04-2023	6.13	82.74	507.13
Loan repayment upto previous period																				
Net loan at the Beginning of the period				-									28-09-2022	6	81.58	500.00	01-04-2023	6.13	82.74	507.13
Schedule repayment date of principal																				
Scheduled payment date of interest				-													25-04-2023	0.18	82.15	14.42
Witholding tax including surcharge on interest				-													25-04-2023	0.00	81.72	0.11
Schedule repayment date of principal																				
Scheduled payment date of interest				-									25-10-2022	0.02	83.14	1.58	25-10-2023	0.19	83.19	16.22
Witholding tax including surcharge on interest				-									25-10-2022	0.00	82.55	0.01	25-10-2023	0.00	82.78	0.12
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
													31-03-2023			7.13	31-03-2024			7.42
At the end of Financial year			**0.00**	**-**									31-03-2023	**6.13**	**82.74**	**507.13**	31-03-2024	**6.13**	**83.95**	**514.55**

1.58% (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
USD 750M Drawl IV	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-									09-11-2022	16	82.46	1,300.00	01-04-2023	15.76	82.74	1,304.38
Loan repayment upto previous period																				
Net loan at the Beginning of the period				-									09-11-2022	16	82.46	1,300.00	01-04-2023	15.76	82.74	1,304.38
Schedule repayment date of principal																				
Scheduled payment date of interest				-													25-04-2023	0.42	82.15	34.29
Witholding tax including surcharge on interest				-													25-04-2023	0.00	81.72	0.26
Schedule repayment date of principal																				
Scheduled payment date of interest				-													25-10-2023	0.50	83.19	41.72
Witholding tax including surcharge on interest				-													25-10-2023	0.00	82.78	0.32
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
													31-03-2023			4.38	31-03-2024			19.08
At the end of Financial year			**0.00**	**-**									31-03-2023	**15.76**	**82.74**	**1,304.38**	31-03-2024	**15.76**	**83.95**	**1,323.46**

2.43% (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs) (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
USD 750M Drawl VI	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-									08-02-2023	24	82.44	2,000.00	01-04-2023	24.26	82.74	2,007.25
Loan repayment upto previous period																				-
Net loan at the Beginning of the period				-									08-02-2023	24	82.44	2,000.00	01-04-2023	24.26	82.74	2,007.25
Schedule repayment date of principal																				-
Scheduled payment date of interest				-													25-04-2023	0.30	82.15	24.60
Witholding tax including surcharge on interest				-													25-04-2023	0.00	81.72	0.19
Schedule repayment date of principal																				-
Scheduled payment date of interest				-													25-10-2023	0.77	83.19	64.19
Witholding tax including surcharge on interest				-													25-10-2023	0.01	82.78	0.49
Schedule repayment date of principal																				-
Scheduled payment date of interest				-																-
Witholding tax including surcharge on interest				-																-
													31-03-2023			7.25	31-03-2024			29.35
At the end of Financial year			**0.00**	**-**									31-03-2023	**24.26**	**82.74**	**2,007.25**	31-03-2024	**24.26**	**83.95**	2,036.60

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form-4

PART-I

Name of the Company: NTPC Ltd

Name of the Power Station: Barauni-II TPS (2 x 250 MW)

Project Cost as on COD

Date of Commercial Operation of the Station: 01.11.2021

0.85% (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
JPY Equ. $400 Million Drawl I	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-													15-05-2023	1,146	0.61	700.00
Loan repayment upto previous period																				-
Net loan at the Beginning of the period				-													15-05-2023	1,145.76	0.61	700.00
Schedule repayment date of principal																				-
Scheduled payment date of interest				-																-
Witholding tax including surcharge on interest				-																-
Schedule repayment date of principal																				-
Scheduled payment date of interest				-													15-11-2023	6.93	0.55	3.82
Witholding tax including surcharge on interest				-																-
Schedule repayment date of principal																				-
Scheduled payment date of interest				-																-
Witholding tax including surcharge on interest				-																-
ERV					31-03-2021				31-03-2022								31-03-2024			- 61.13
At the end of Financial year			**0.00**	**-**	31-03-2021	**-**	**0.67**	**-**	31-03-2022	**-**	**0.63**	**-**					31-03-2024	**1,145.76**	**0.56**	638.87

0.48% (Amount in Lacs)

Financial Year (Starting from COD)	2019-20 (01.04.2019 to 31.03.2020)				2020-21 (01.04.2020 to 31.03.2021)				2021-22 (01.04.2021 to 31.03.2022)				2022-23 (01.04.2022 to 31.03.2023)				2023-24 (01.04.2023 to 31.03.2024)			
1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
JPY Equ. $400 Million Drawl IV	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)	Date	Amount (FC)	Ex. Rate	Amount (INR)
Currency 1 JPY																				
At the date of drawl				-													22-12-2023	691	0.58	400.00
Loan repayment upto previous period																				
Net loan at the Beginning of the period				-													22-12-2023	691	0.58	400.00
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
Schedule repayment date of principal																				
Scheduled payment date of interest				-																
Witholding tax including surcharge on interest				-																
ERV					31-03-2021				31-03-2022								31-03-2024			- 14.67
At the end of Financial year			**0.00**	**-**	31-03-2021	**-**	**0.67**	**-**	31-03-2022	**-**	**0.63**	**-**					31-03-2024	**691.06**	**0.56**	**385.33**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

FORM-8

Details of Allocation of Corporate Bonds to various projects

Name of the Company **NTPC LIMITED**
Name of the Power Station **Barauni-II TPS (2 x 250 MW)**
Commercial Operation Date (COD) **01.11.2021**

Particulars	**74**	**75**	**78**
Series	**74**	**75**	**78**
Source of Loan1	BONDS	BONDS	BONDS
Currency2	INR	INR	**INR**
Amount of Loan sanctioned	399600	300000	200000
Interest Type6	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	6.87%	6.69%	0.0744
Base Rate, if Floating Interest7	N/A	N/A	N/A
Margin, if Floating Interest8	N/A	N/A	N/A
Are there any Caps/Floor9	No	No	No
If above is yes,specify caps/floor	N/A	N/A	N/A
Moratorium Period10	15 Years and 1 day	10	10
Moratorium effective from #	20-04-2021	13-09-2021	44798
Repayment Period11	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment effective from	21-04-2036	13-09-2031	48451
Repayment Frequency12	Bullet Repayment	Bullet Repayment	Bullet Repayment
Repayment Instalment13,14	399600	300000	200000
Base Exchange Rate16	N/A	N/A	N/A
Door to Door Maturity	15 Years and 1 day	10	10
Name of the Projects			
A&N SOLAR	0	0	0
Anantpur Solar	0	0	0
ANTA	0	-	0
Anta Solar 90MW	0	650	900
AURAIYA	0	0	0
Auraiya R&M	0	0	0
Auraiya Solar 20MW	0	0	0
Auraiya Solar FS 20MW	150	0	586
Badarpur R&M	0	-	0
Barauni-II	1500	8,400.00	500
BARH I	32900	42,800.00	4511
BARH II	0	-	0
Bhadla Solar	0	0	0
BONGAIGAON	0	-	0
CC	0	0	0
CC - Jhabua Power	0	0	60000
CC - NEEPCO	56696	48250	10922
CC - THDC	106304	90470	20478
Chatti Bariatu CMB	200	1,350.00	211
DADRI GAS	0	0	0
DADRI GAS R&M	100	200	0
DADRI SOLAR	0	0	0
DARLIPALLI	11500	1000	500
Dulanga CMP	3400	4,100.00	0
FARAKKA II	0	0	0
FARAKKA III	0	-	0
Farakka R&M	1600	1550	0
Farakka-I , II & III FGD	1500	550	0
FARIDABAD	0	0	0
Faridabad R&M	0	700.00	0
FARIDABAD SOLAR	0	0	0
GADARWARA	7500	0	0
GANDHAR	0	0	0
Gandhar 20MW	3750	90.00	0
Gandhar R &M	0	-	0
KAHALGAON II	0	0	0
Kahalgaon II Phase I	0	-	0
Kahalgaon II Phase II	0	-	0
KAHALGAON R&M	1200	2,620.00	0
Kahalgaon-I & II FGD	300	0	0
KAWAS	0	-	0
Kawas R & M	0	0	0
Kawas Solar	2800	5,250.00	800
Kayamkulam FS (22 MW)	2000	2195	100
Kayamkulam FS (70 MW)	2850	1,925.00	0
Khargone	2000	0	500
Kirenderi Coal Mine	0	165	1900
KOLDAM	0	0	0

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

KORBA III	0	-	0
Korba R&M	1350	4050	2200
Korba-I, II & III FGD	100	0	0
Kudgi	0	-	0
KUDGI-FGD	2950	1,000.00	0
LARA	14000	0	0
Lata Tapovan	0	-	0
LOHARINAGPALA	0	-	0
Mandsaur Solar	0	0	0
Mauda I	500	-	0
Mauda II	100	2200	0
Nabinagar	0	-	5664
NCPS-FGD	0	5600	0
NCTPP	0	0	0
NCTPP II	0	0	0
NCTPP R&M	200	0	0
Nokh Solar Plot-I (245MW)	0	-	7500
Nokh Solar Plot-II (245MW)	0	-	7500
Nokh Solar Plot-III (245MW)	0	-	7500
NORTH KARANPURA	11700	11,900.00	3917
Pakri Barwadih CMB	20000	-	41800
RAJGARH SOLAR	0	-	0
Ramagundam I & II R&M	0	-	0
Ramagundam Floating Solar-100 MW	3800	8640	1400
Ramagundam I & II R&M	3300	8,985.00	1800
RAMAGUNDAM SOLAR	0	0	0
Ramagundam-I & II FGD	0	100	0
Ramagundam-III (1x500 MW)	400	-	0
Rammam	1100	800.00	311
Rihand- I FGD	0	20	0
RIHAND II	0	0	0
Rihand- II & III FGD	0	130.00	0
RIHAND III	0	0	0
Rihand R&M	2000	6,275.00	2400
Rihand Solar (20MW)	300	510	400
SIMHADRI	0	0	0
Simhadri Floating	3050	525	0
Simhadri II	0	0	0
Simhadri R&M	0	200	0
Simhadri-II & I (2x500 MW) & (2x500 MW) FGD	7600	1150	0
Singrauli R&M	1700	2725	1300
Singrauli-I & II FGD	8700	150	0
SIPAT I	0	-	0
SIPAT II	**0**	**-**	-
Sipat-I (3x660 MW) FGD	5600	1,100.00	500
SOLAPUR	0	-	0
Solapur Solar	0	2,575.00	200
Solapur-FGD	2700	3,450.00	0
Talaipali Coal Mine	4800	2,160.00	856
TALCHER I	0	-	0
TALCHER II	0	0	0
TALCHER SOLAR	0	0	0
Tanda II	16700	1000	0
Tanda R&M	-	-	0
Tapovan Vishnugad	8000	1500	166
Telangana	20300	9200	8678
TSTPP R&M	0	640	700
TSTPS Stage-II & I FGD	9700	0	0
TTPS R&M	0	0	0
UNCHAHAR II	0	0	0
Unchahar III	0	0	0
Unchahar IV	0	0	0
Unchahar R&M	900	1050	1500
UNCHAHAR SOLAR	0	0	0
Unchahar-I, II & III-FGD	5400	5100	0
Unchahar-IV-FGD	2750	1200	0
Vidhyachal Hydro**	0	0	0
VINDHYACHAL II	0	0	0
Vindhyachal III	0	0	0
Vindhyachal IV	0	0	0
Vindhyachal R&M	1450	2900	1800
Vindhyachal V	0	0	0
Vindhyachal-I &II FGD	200	900	0
Vindyachal Solar**	0	0	0
TOTAL	**399600**	**300000**	**200000**

Signature Not Verified
Digitally signed by PRASHANT CHATURVEDI
Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

				Form 8
Name of the Company	**NTPC LIMITED**			
Name of the Power Station	**Barauni-II TPS (2 x 250 MW)**			
Statement Giving Details of Project Financed through a Combination of loan				
	TRANCHE NO			
BP NO 5050000762	**T00001**	**D00006**		
Unsecured Loan From AXIS BANK-II				
Source of Loan :	**AXIS BANK-II**			
Currency :	INR			
Amount of Loan :	20,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of Drawl	08.04.2020			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.45%			
Margin, If Floating Interest :	-			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	08.04.2020			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	9 Yearly Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	11.07.2023			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I	70,00,00,000	08.04.2020	**D00006**
	GADARWARA	60,00,00,000	08.04.2020	**D00006**
	DARLIPALLI	20,00,00,000	08.04.2020	**D00006**
	KHARGONE	20,00,00,000	08.04.2020	**D00006**
	BARAUNI-II	40,00,00,000	08.04.2020	**D00006**
	BILHAUR SOLAR 85MW	30,00,00,000	08.04.2020	**D00006**
	AURAIYA SOLAR 20MW	5,00,00,000	08.04.2020	**D00006**
	AURAIYA SOLAR FS 20MW	5,00,00,000	08.04.2020	**D00006**
	SIMHADRI FLOATING	5,00,00,000	08.04.2020	**D00006**
	SINGRAULI R&M	43,00,00,000	08.04.2020	**D00006**
	KORBA R&M	32,00,00,000	08.04.2020	**D00006**
	RAMAGUNDAM I & II R&M	45,00,00,000	08.04.2020	**D00006**
	VINDHYACHAL R&M	40,00,00,000	08.04.2020	**D00006**
	FARAKKA R&M	26,00,00,000	08.04.2020	**D00006**
	RIHAND R&M	35,00,00,000	08.04.2020	**D00006**
	DADRI GAS R&M	6,00,00,000	08.04.2020	**D00006**
	TSTPP R&M	8,00,00,000	08.04.2020	**D00006**
	NCTPP R&M	5,00,00,000	08.04.2020	**D00006**

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	CHATTI BARIATU CMB	5,00,00,000	08.04.2020	**D00006**
Total Allocated Amount		**5,00,00,00,000**		

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Location: NTPC LTD.

Statement Giving Details of Project Financed through a Combination of loan					
Form 8					
	TRANCHE NO				
BP NO 5050000762	T00001	D00008			
Unsecured Loan From AXIS BANK-II					
Source of Loan :	AXIS BANK-II				
Currency :	INR				
Amount of Loan :	20,00,00,00,000				
Total Drawn amount :	1,50,00,00,000				
Date of Drawl	28.05.2020				
Interest Type :	Floating				
Fixed Interest Rate :					
Base Rate, If Floating Interest	6.30%				
Margin, If Floating Interest :	-				
Are there any Caps/ Floor :	Y/N				
Frequency of Intt. Payment	MONTHLY				
If Above is yes, specify Caps/ Floor :					
Moratorium Period :	3 Years				
Moratorium effective from :	28.05.2020				
Repayment Period (Inc Moratorium) :	12 Years				
Repayment Frequency :	9 Yearly Yearly Instalment				
Repayment Type :	AVG				
First Repayment Date :	11.07.2023				
Base Exchange Rate :	RUPEE				
Date of Base Exchange Rate :	N.A.				
Project Code	Project Name		Amount		
	BARAUNI-II		25,00,00,000	28.05.2020	**D00008**
	BILHAUR SOLAR 140MW		30,00,00,000	28.05.2020	**D00008**
	NOKHRA SOLAR		55,00,00,000	28.05.2020	**D00008**
	ETTAYAPURAM SOLAR		40,00,00,000	28.05.2020	**D00008**
Total Allocated Amount			**1,50,00,00,000**		

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Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050000931	**T00001**	**D00004**		
Unsecured Loan From Punjab National Bank-V				
Source of Loan :	**Punjab National Bank-V**			
Currency :	INR			
Amount of Loan :	30,00,00,00,000			
Total Drawn amount :	4,00,00,00,000			
Date of Drawl	14.07.2021			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	5.70%			
Margin, If Floating Interest :	0.00%			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	14.07.2021			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	27.03.2024			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I	65,00,00,000.00	14.07.2021	14.07.2021
	TAPOVAN VISHNUGARH	15,00,00,000.00	14.07.2021	14.07.2021
	NORTH KARANPURA	1,00,00,00,000.00	14.07.2021	14.07.2021
	DARLIPALLI	75,00,00,000.00	14.07.2021	14.07.2021
	RAMMAM	10,00,00,000.00	14.07.2021	14.07.2021
	TELANGANA	35,00,00,000.00	14.07.2021	14.07.2021
	BARAUNI-II	40,00,00,000.00	14.07.2021	14.07.2021
	TALAIPALI COAL MINE	60,00,00,000.00		
Total Allocated Amount		**4,00,00,00,000.00**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement Giving Details of Project Financed through a Combination of loan				
Form 8				
	TRANCHE NO			
BP NO 5050000661	**T00001**	**D00006**		
Unsecured Loan From SBI-XI				
Source of Loan :	**SBI-XI**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	20,00,00,00,000			
Date of Drawal:	21.12.2018			
Interest Type :	Floating			
Fixed Interest Rate :	----------			
Base Rate, If Floating Interest	8.30%			
Margin, If Floating Interest :	0.00%			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	Monthly			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	21.12.2018			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	9 Yearly Installments			
Repayment Type :	AVG			
First Repayment Date :	01.10.2022			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	**Project Name**	**Amount**		
	BARAUNI-I	1,50,00,00,000	21.12.2018	8.30%
	BARAUNI-II	18,50,00,00,000	21.12.2018	8.30%
Total Allocated Amount		**20,00,00,00,000.00**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement Giving Details of Project Financed through a Combination of loan				
Form 8				
	TRANCHE NO			
BP NO 5050000661	**T00001**	**D00008**		
Unsecured Loan From SBI-XI				
Source of Loan :	**SBI-XI**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	42,00,00,000			
Date of Drawal:	22.05.2019			
Interest Type :	Floating			
Fixed Interest Rate :	----------			
Base Rate, If Floating Interest	8.30%			
Margin, If Floating Interest :	0.00%			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	Monthly			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	22.05.2019			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	9 Yearly Installments			
Repayment Type :	AVG			
First Repayment Date :	01.10.2022			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	**Project Name**	**Amount**		
	BARAUNI-II	42,00,00,000	22.05.2019	8.30%
Total Allocated Amount		**42,00,00,000.00**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

	TRANCHE NO			
BP NO 5050000981	**T00001**	**D00001**		
Unsecured Loan From HDFC Bank Ltd. IX				
Source of Loan :	**HDFC Bank Ltd. IX**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	3,00,00,00,000			
Date of drawl	30.06.2020			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	6.30%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	30.06.2020			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	30.06.2024			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I	67,66,00,000	30.06.2020	
	TAPOVAN VISHNUGAD	26,65,00,000	30.06.2020	
	PAKRI BARWADIH CMB	49,00,00,000	30.06.2020	
	LARA-I	25,59,00,000	30.06.2020	
	GADARWARA	20,25,00,000	30.06.2020	
	DARLIPALLI	20,00,00,000	30.06.2020	
	TALAIPALI COAL MINE	15,00,00,000	30.06.2020	
	BARAUNI-II	20,00,00,000	30.06.2020	
	BILHAUR SOLAR 140MW	20,00,00,000	30.06.2020	
	JETSAR SOLAR	5,00,00,000	30.06.2020	
	KIRENDARI	15,00,00,000	30.06.2020	
	CHATTI BARIATU CMB	15,85,00,000	30.06.2020	
Total Allocated Amount		**3,00,00,00,000**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

	TRANCHE NO			
BP NO 5050000981	**T00001**	**D00008**		
Unsecured Loan From HDFC Bank Ltd. IX				
Source of Loan :	**HDFC Bank Ltd. IX**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of drawl	18.11.2020			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	5.95%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	18.11.2020			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	30.06.2024			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH I	1,75,00,00,000.00	18.11.2020	
	BARAUNI-II	25,00,00,000.00	18.11.2020	
	SOLAPUR	20,00,00,000.00	18.11.2020	
	TTPS R&M	1,00,00,000.00	18.11.2020	
	SINGRAULI R&M	15,00,00,000.00	18.11.2020	
	KORBA R&M	15,00,00,000.00	18.11.2020	
	RAMAGUNDAM I & II R&M	43,50,00,000.00	18.11.2020	
	VINDHYACHAL R&M	18,00,00,000.00	18.11.2020	
	FARAKKA R&M	12,00,00,000.00	18.11.2020	
	UNCHAHAR R&M	16,00,00,000.00	18.11.2020	
	RIHAND R&M	16,00,00,000.00	18.11.2020	
	FARIDABAD R&M	1,50,00,000.00	18.11.2020	
	DADRI GAS R&M	3,00,00,000.00	18.11.2020	
	TSTPP R&M	11,50,00,000.00	18.11.2020	
	KAHALGAON R&M	16,00,00,000.00	18.11.2020	
	SIMHADRI R&M	1,50,00,000.00	18.11.2020	
	CHATTI BARIATU CMB	25,00,00,000.00	18.11.2020	
	TALAIPALI COAL MINE	75,00,00,000.00	18.11.2020	
	KIRENDARI	10,00,00,000.00	18.11.2020	
Total Allocated Amount		**5,00,00,00,000**		

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Location: NTPC LTD.

	TRANCHE NO			
BP NO 5050000981	**T00001**	**D00010**		
Unsecured Loan From HDFC Bank Ltd. IX				
Source of Loan :	**HDFC Bank Ltd. IX**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	6,83,00,00,000			
Date of drawl	24.12.2020			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	5.95%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	24.12.2020			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	30.06.2024			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	TANDA-II	7,50,00,000.00	24.12.2020	
	BARH I	68,00,00,000.00	24.12.2020	
	NORTH KARANPURA	50,00,00,000.00	24.12.2020	
	GADARWARA	50,00,00,000.00	24.12.2020	
	LARA-I	30,00,00,000.00	24.12.2020	
	DARLIPALLI	10,00,00,000.00	24.12.2020	
	KHARGONE	84,00,00,000.00	24.12.2020	
	TAPOVAN VISHNUGARH	25,00,00,000.00	24.12.2020	
	RAMMAM	15,00,00,000.00	24.12.2020	
	BARAUNI-II	3,00,00,000.00	24.12.2020	
	RAMAGUNDAM FLOATING SOLAR	9,00,00,000.00	24.12.2020	
	BILHAUR SOLAR 140MW	6,00,00,000.00	24.12.2020	
	BILHAUR SOLAR 85MW	13,00,00,000.00	24.12.2020	
	AURAIYA SOLAR 20MW	3,20,00,000.00	24.12.2020	
	SIMHADRI FLOATING	1,50,00,000.00	24.12.2020	
	KAYAMKULAM FS (22 MW)	4,00,00,000.00	24.12.2020	
	JETSAR SOLAR	2,00,00,000.00	24.12.2020	
	FATEHGARH (296MW)	60,00,00,000.00	24.12.2020	
	BONGAIGAON	60,00,00,000.00	24.12.2020	
	SOLAPUR	10,00,00,000.00	24.12.2020	
	KORBA R&M	10,00,00,000.00	24.12.2020	
	VINDHYACHAL R&M	5,30,00,000.00	24.12.2020	
	FARAKKA R&M	2,50,00,000.00	24.12.2020	
	KIRENDARI	4,00,00,000.00	24.12.2020	
	PAKRI BARWADIH CMB	1,50,00,00,000.00	24.12.2020	
Total Allocated Amount		**6,83,00,00,000**		

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Form 8				
	TRANCHE NO			
BP NO 5050000791	**T00001**	**D00005**		
Unsecured Loan From HDFC Bank Ltd. VII				
Source of Loan :	**HDFC Bank Ltd. VII**			
Currency :	INR			
Amount of Loan :	25,00,00,00,000			
Total Drawn amount :	3,00,00,00,000			
Date of drawl	11.02.2020			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.50%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	6 Years			
Moratorium effective from :	11.02.2020			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	9 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	11.06.2026			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I	30,00,00,000	11.02.2020	
	TAPOVAN VISHNUGAD	20,00,00,000	11.02.2020	
	NORTH KARANPURA	20,00,00,000	11.02.2020	
	DARLIPALLI	35,00,00,000	11.02.2020	
	RAMMAM	20,00,00,000	11.02.2020	
	BARAUNI-II	1,30,00,00,000	11.02.2020	
	DULANGA CMB	15,00,00,000	11.02.2020	
	TALAIPALI CMB	30,00,00,000	11.02.2020	
Total Allocated Amount		**3,00,00,00,000**		
Statement Giving Details of Project Financed through a Combination of loan				
Form 8				
	TRANCHE NO			
BP NO 5050000521	**T00001**	**D00006**		
Unsecured Loan From HDFC Bank Ltd.-IV				
Source of Loan :	**HDFC Bank Ltd.-IV**			
Currency :	INR			
Amount of Loan :	20,00,00,00,000			
Total Drawn amount :	13,84,00,000			
Date of drawl	45,015			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	8.01%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			

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Location: NTPC LTD.

Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	02.07.2018			
Repayment Period (Inc Moratorium) :	12 Years			
Repayment Frequency :	9 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	17.04.2021		Loan repayment started on 17-(	
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	Tapovan Vishnugarh	88400000	30-03-2023	
	Barauni-II	50000000	30-03-2023	
Total Allocated Amount		**13,84,00,000**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001151	**T00001**	**D00002**		
Unsecured Loan From HDFC Bank Ltd. X				
Source of Loan :	**HDFC Bank Ltd. X**			
Currency :	INR			
Amount of Loan :	30,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of drawl	24.11.2021			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	5.83%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	24.11.2021			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	24.11.2025			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	NORTH KARANPURA	24,00,00,000.00	21.03.2022	5.83%
	RAMMAM	3,00,00,000.00	21.03.2022	5.83%
	TELANGANA	23,00,00,000.00	21.03.2022	5.83%
	LARA	50,00,00,000.00	21.03.2022	5.83%
	GADARWARA	50,00,00,000.00	21.03.2022	5.83%
	DARLIPALLI	77,00,00,000.00	21.03.2022	5.83%
	TANDA-II	65,00,00,000.00	21.03.2022	5.83%
	BARAUNI-II	20,00,00,000.00	21.03.2022	5.83%
	SINGRAULI R&M	15,00,00,000.00	21.03.2022	5.83%
	KORBA R&M	25,00,00,000.00	21.03.2022	5.83%
	RAMAGUNDAM I & II R&M	40,00,00,000.00	21.03.2022	5.83%
	VINDHYACHAL R&M	7,00,00,000.00	21.03.2022	5.83%
	FARAKKA R&M	10,00,00,000.00	21.03.2022	5.83%
	UNCHAHAR R&M	4,00,00,000.00	21.03.2022	5.83%
	RIHAND R&M	15,00,00,000.00	21.03.2022	5.83%
	KAHALGAON R&M	3,00,00,000.00	21.03.2022	5.83%
	CHATTI BARIATU CMB	5,00,00,000.00	21.03.2022	5.83%
	DULANGA COAL MINE	26,00,00,000.00	21.03.2022	5.83%
	TALAIPALI COAL MINE	26,00,00,000.00	21.03.2022	5.83%
	KIRENDARI	3,00,00,000.00	21.03.2022	5.83%
	BARH-II FGD	2,50,00,000.00	21.03.2022	5.83%
	MOUDA-II FGD	6,50,00,000.00	21.03.2022	5.83%
Total Allocated Amount		**5,00,00,00,000**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001151	**T00001**	**D00003**		
Unsecured Loan From HDFC Bank Ltd. X				
Source of Loan :	**HDFC Bank Ltd. X**			
Currency :	INR			
Amount of Loan :	30,00,00,00,000			
Total Drawn amount :	6,30,00,00,000			
Date of drawl	02.05.2022			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	5.83%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	24.11.2021			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	24.11.2025			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	KHARGONE	60,00,00,000.00	02.05.2022	5.83%
	LARA	40,00,00,000.00	02.05.2022	5.83%
	GADARWARA	15,00,00,000.00	02.05.2022	5.83%
	DARLIPALLI	1,50,00,00,000.00	02.05.2022	5.83%
	TANDA-II	40,00,00,000.00	02.05.2022	5.83%
	BARAUNI-II	15,00,00,000.00	02.05.2022	5.83%
	TALAIPALI COAL MINE	15,00,00,000.00	02.05.2022	5.83%
	KIRENDARI	15,00,00,000.00	02.05.2022	5.83%
	TELANGANA	88,00,00,000.00	02.05.2022	5.83%
	NORTH KARANPURA	1,92,00,00,000.00	02.05.2022	5.83%
Total Allocated Amount		**6,30,00,00,000**		

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement Giving Details of Project Financed through a Combination of loan				
Form 8				
	TRANCHE NO			
BP NO 5050001263	**T00001**	D0001		
Unsecured Loan From Indusind Bank				
Source of Loan :	Indusind Bank			
Currency :	INR			
Amount of Loan :	15,00,00,00,000			
Total Drawn amount :	2,16,42,00,000			
Date of Drawal:	15.07.2022			
Interest Type :	FLOATING			
Rate of Interest	6.82%			
Margin, If Floating Interest :	0.00%			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	15-Jul-22			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Equal annual Instalments			
Repayment Type :	AVG			
First Repayment Date :	15-Jul-26			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	**Project Name**	**Amount**		
	ETTAYAPURAM SOLAR(230MW)	14,42,00,000.00	15.07.2022	D0001
	NORTH KARANPURA	52,00,00,000.00	15.07.2022	D0001
	DEVIKOT SOLAR-90MW	13,00,00,000.00	15.07.2022	D0001
	SAMBHU KI BHURJ SOLAR 250	9,00,00,000.00	15.07.2022	D0001
	FATEHGARH (296MW)	10,00,00,000.00	15.07.2022	D0001
	KAWAS SOLAR 56MW	5,00,00,000.00	15.07.2022	D0001
	BARAUNI-II (2X250MW)	8,00,00,000.00	15.07.2022	D0001
	SINGRAULI R&M	20,00,00,000.00	15.07.2022	D0001
	KORBA R&M	20,00,00,000.00	15.07.2022	D0001
	RAMAGUNDAM I & II R&M	20,00,00,000.00	15.07.2022	D0001
	VINDHYACHAL R&M	11,00,00,000.00	15.07.2022	D0001
	FARAKKA R&M	7,00,00,000.00	15.07.2022	D0001
	CHATTI BARIATU CMB	10,00,00,000.00	15.07.2022	D0001
	TALAIPALI COAL MINE	13,00,00,000.00	15.07.2022	D0001
	KIRENDARI	4,00,00,000.00	15.07.2022	D0001
Total Allocated Amount		**2,16,42,00,000.00**		

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement Giving Details of Project Financed through a Combination of loan				
Form 8				
	TRANCHE NO			
BP NO 50500001042	**T00001**	D00004		
Unsecured Loan From ICICI-VII				
Source of Loan :	**ICICI-VII**			
Currency :	INR			
Amount of Loan :	20,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of Drawal	11.07.2022			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	6,3%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	01.07.2021			
Repayment Period (Inc Moratorium) :	15 years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	30.12.2024			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	**Project Name**	**Amount**		
	BARH-I	30,00,00,000.00	11.07.2022	
	NORTH KARANPURA	10,00,00,000.00	11.07.2022	
	RAMAGUNDAM FS SOLAR	7,00,00,000.00	11.07.2022	
	KAYAKULAM FLOATING	8,00,00,000.00	11.07.2022	
	AURAIYA SOLAR FS 20	5,00,00,000.00	11.07.2022	
	JETSAR SOLAR	7,00,00,000.00	11.07.2022	
	DEVIKOT SOLAR	4,00,00,000.00	11.07.2022	
	DEVIKOT SOLAR-90MW	7,00,00,000.00	11.07.2022	
	SAMBHU KI BHURJ	29,00,00,000.00	11.07.2022	
	SAMBHU KI BHURJ-II	43,50,00,000.00	11.07.2022	
	FATEHGARH	60,50,00,000.00	11.07.2022	
	NOKHRA SOLAR	1,43,50,00,000.00	11.07.2022	
	ETTAYAPURAM SOLAR	13,00,00,000.00	11.07.2022	
	RIHAND SOLAR (20MW)	1,00,00,000.00	11.07.2022	
	KAWAS SOLAR 56MW	36,50,00,000.00	11.07.2022	
	ANTA SOLAR 90MW	10,50,00,000.00	11.07.2022	
	SOLAPUR SOLAR	2,50,00,000.00	11.07.2022	
	NOKH SOLAR PLOT-I (245MW)	1,00,00,000.00	11.07.2022	
	NOKH SOLAR PLOT-II	1,00,00,000.00	11.07.2022	
	KHARGONE	10,00,00,000.00	11.07.2022	
	LARA-I	15,00,00,000.00	11.07.2022	
	DARLIPALLI	10,00,00,000.00	11.07.2022	
	TANDA-II	25,00,00,000.00	11.07.2022	

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Location: NTPC LTD.

	BARAUNI-II	12,00,00,000.00	11.07.2022	
	KIRENDARI	8,00,00,000.00	11.07.2022	
Total Allocated Amount		**5,00,00,00,000.00**		

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001441	**T00001**	**D00001**		
Unsecured Loan From HDFC Bank Ltd. XII				
Source of Loan :	**HDFC Bank Ltd. XII**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	5,00,00,00,000			
Date of drawl	13-Oct-23			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.65%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	13.10.2023			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	13.10.2027			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	SINGRAULI-I & II FGD	17,00,00,000.00	13-10-2023	
	UNCHAHAR-I, II & III-FGD	1,00,00,000.00	13-10-2023	
	TANDA II	20,00,00,000.00	13-10-2023	
	KORBA-I,FGD	8,00,00,000.00	13-10-2023	
	VINDHYACHAL-III&IV FGD	1,00,00,000.00	13-10-2023	
	SIPAT-I (3X660 MW) FGD	3,00,00,000.00	13-10-2023	
	SIPAT-II (3X660 MW) FGD	7,00,00,000.00	13-10-2023	
	TSTPS STAGE-II & I FGD	1,00,00,000.00	13-10-2023	
	BARH I	75,00,00,000.00	13-10-2023	
	TAPOVAN VISHNUGARH (4X130	24,00,00,000.00	13-10-2023	
	BARH II FGD	1,00,00,000.00	13-10-2023	
	NORTH KARANPURA	50,00,00,000.00	13-10-2023	
	RAMAGUNDAM-I & II FGD	3,00,00,000.00	13-10-2023	
	RAMAGUNDAM-III (1X500 MW)	1,00,00,000.00	13-10-2023	
	MOUDA-I FGD	2,00,00,000.00	13-10-2023	
	MAUDA II FGD	3,00,00,000.00	13-10-2023	
	SOLAPUR FGD	1,00,00,000.00	13-10-2023	
	KUDGI FGD	1,00,00,000.00	13-10-2023	
	LARA	10,00,00,000.00	13-10-2023	
	LARA, STAGE-II, 2X800 MW	80,00,00,000.00	13-10-2023	
	GADARWARA	10,00,00,000.00	13-10-2023	
	RAMMAM (3X40MW)	13,50,00,000.00	13-10-2023	
	KHARGONE	20,00,00,000.00	13-10-2023	
	TELANGANA	92,50,00,000.00	13-10-2023	
	TALLAIPALLI	16,00,00,000.00	13-10-2023	
	BARAUNI-II	10,00,00,000.00	13-10-2023	
	KERANDARI CMB	9,00,00,000.00	13-10-2023	

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Location: NTPC LTD.

	NABINAGAR	20,00,00,000.00	13-10-2023	
Total Allocated Amount		5,00,00,00,000.00		

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001441	**T00001**	**D00003**		
Unsecured Loan From HDFC Bank Ltd. XII				
Source of Loan :	**HDFC Bank Ltd. XII**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	10,00,00,00,000			
Date of drawl	01-Dec-23			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.65%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	13.10.2023			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	13.10.2027			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I (3X 660MW)	2,13,00,00,000.00	01-12-2023	
	TAPOVAN VISHNUGARH (4X130	86,50,00,000.00	01-12-2023	
	NORTH KARANPURA (3X660)	47,00,00,000.00	01-12-2023	
	RAMMAM (3X40MW)	10,00,00,000.00	01-12-2023	
	LARA, STAGE-II, 2X800 MW	75,00,00,000.00	01-12-2023	
	GANDHAR 20MW	1,00,00,000.00	01-12-2023	
	SOLAPUR SOLAR (23MW)	3,00,00,000.00	01-12-2023	
	RIHAND SOLAR (20MW)	2,00,00,000.00	01-12-2023	
	ANTA SOLAR (90MW)	6,00,00,000.00	01-12-2023	
	NOKH SOLAR PLOT-I (245MW)	15,00,00,000.00	01-12-2023	
	NOKH SOLAR PLOT-II (245MW	24,00,00,000.00	01-12-2023	
	NOKH SOLAR PLOT-III (245M	29,00,00,000.00	01-12-2023	
	LARA-I	70,00,00,000.00	01-12-2023	
	KHARGONE	43,00,00,000.00	01-12-2023	
	GADARWARA	30,00,00,000.00	01-12-2023	
	DARLIPALLI	50,00,00,000.00	01-12-2023	
	TANDA-II	10,00,00,000.00	01-12-2023	
	BARAUNI-II (2X250MW)	20,00,00,000.00	01-12-2023	
	NABINAGAR	20,00,00,000.00	01-12-2023	
	CHATTI BARIATU CMB	20,00,00,000.00	01-12-2023	
	TALAIPALI COAL MINE	22,00,00,000.00	01-12-2023	
	KERANDARI	14,00,00,000.00	01-12-2023	
	PAKRI BARWADIH CMB	60,00,00,000.00	01-12-2023	
	RIHAND- I FGD	5,00,00,000.00	01-12-2023	
	RIHAND- II & III FGD	5,00,00,000.00	01-12-2023	
	UNCHAHAR-I, II & III-FGD	4,00,00,000.00	01-12-2023	
	VINDHYACHAL-I &II FGD	8,50,00,000.00	01-12-2023	

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	VINDHYACHAL-III &IV FGD	5,50,00,000.00	01-12-2023	
	SIPAT-II FGD	4,00,00,000.00	01-12-2023	
	KORBA-I, II & III FGD	20,50,00,000.00	01-12-2023	
	BARH-II FGD	2,00,00,000.00	01-12-2023	
	RAMAGUNDAM-I & II FGD	20,00,00,000.00	01-12-2023	
	RAMAGUNDAM-III FGD	4,00,00,000.00	01-12-2023	
	MOUDA-I FGD	2,00,00,000.00	01-12-2023	
	MOUDA-II FGD	1,00,00,000.00	01-12-2023	
	SOLAPUR-FGD	1,00,00,000.00	01-12-2023	
	KUDGI-FGD	2,00,00,000.00	01-12-2023	
	SINGRAULI-I & II FGD	21,00,00,000.00	01-12-2023	
	FARAKKA-I , II & III FGD	1,00,00,000.00	01-12-2023	
	KAHALGAON-I & II FGD	17,00,00,000.00	01-12-2023	
	TSTPS STAGE-II & I FGD	6,00,00,000.00	01-12-2023	
Total Allocated Amount		10,00,00,00,000.00		

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001441	**T00001**	**D00004**		
Unsecured Loan From HDFC Bank Ltd. XII				
Source of Loan :	**HDFC Bank Ltd. XII**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	8,75,00,00,000			
Date of drawl	01-Jan-24			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.65%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	13.10.2023			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	13.10.2027			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I (3X 660MW)	2,40,00,00,000.00	01-01-2024	
	TAPOVAN VISHNUGARH (4X130	32,00,00,000.00	01-01-2024	
	NORTH KARANPURA (3X660)	1,47,00,00,000.00	01-01-2024	
	RAMMAM (3X40MW)	3,00,00,000.00	01-01-2024	
	TELANGANA (2X800MW)	40,00,00,000.00	01-01-2024	
	GANDHAR 20MW	1,00,00,000.00	01-01-2024	
	RIHAND SOLAR (20MW)	1,00,00,000.00	01-01-2024	
	ANTA SOLAR (90MW)	2,00,00,000.00	01-01-2024	
	NOKH SOLAR PLOT-II (245MW	22,00,00,000.00	01-01-2024	
	NOKH SOLAR PLOT-III (245M	36,00,00,000.00	01-01-2024	
	LARA	32,00,00,000.00	01-01-2024	
	GADARWARA	9,00,00,000.00	01-01-2024	
	DARLIPALLI	25,00,00,000.00	01-01-2024	
	TANDA-II	20,00,00,000.00	01-01-2024	
	BARAUNI-II (2X250MW)	9,00,00,000.00	01-01-2024	
	NABINAGAR	9,00,00,000.00	01-01-2024	
	CHATTI BARIATU CMB	9,50,00,000.00	01-01-2024	
	TALAIPALI COAL MINE	20,00,00,000.00	01-01-2024	
	KERANDARI	3,50,00,000.00	01-01-2024	
	PAKRI BARWADIH CMB	40,00,00,000.00	01-01-2024	
	DULANGA COAL MINE	3,00,00,000.00	01-01-2024	
	RIHAND- I FGD	11,50,00,000.00	01-01-2024	
	RIHAND- II & III FGD	1,00,00,000.00	01-01-2024	
	VINDHYACHAL-I &II FGD	3,00,00,000.00	01-01-2024	
	VINDHYACHAL-III &IV FGD	1,00,00,000.00	01-01-2024	
	SIPAT-I (3X660 MW) FGD	1,00,00,000.00	01-01-2024	
	SIPAT-II FGD	6,50,00,000.00	01-01-2024	

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	KORBA-I,II,III FGD	26,50,00,000.00	01-01-2024	
	BARH-II FGD	1,00,00,000.00	01-01-2024	
	RAMAGUNDAM-I & II FGD	16,00,00,000.00	01-01-2024	
	RAMAGUNDAM-III FGD	3,50,00,000.00	01-01-2024	
	SOLAPUR-FGD	35,00,00,000.00	01-01-2024	
	KUDGI-FGD	4,00,00,000.00	01-01-2024	
	SINGRAULI-I & II FGD	6,00,00,000.00	01-01-2024	
	FARAKKA-I , II & III FGD	15,50,00,000.00	01-01-2024	
	KAHALGAON-I & II FGD	18,00,00,000.00	01-01-2024	
	TSTPS STAGE-II & I FGD	21,50,00,000.00	01-01-2024	
Total Allocated Amount		8,75,00,00,000.00		

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8				
	TRANCHE NO			
BP NO 5050001441	**T00001**	**D00006**		
Unsecured Loan From HDFC Bank Ltd. XII				
Source of Loan :	**HDFC Bank Ltd. XII**			
Currency :	INR			
Amount of Loan :	50,00,00,00,000			
Total Drawn amount :	7,00,00,00,000			
Date of drawl	01-Mar-24			
Interest Type :	Floating			
Fixed Interest Rate :				
Base Rate, If Floating Interest	7.65%			
Margin, If Floating Interest :	NIL			
Are there any Caps/ Floor :	Y/N			
Frequency of Intt. Payment	MONTHLY			
If Above is yes, specify Caps/ Floor :				
Moratorium Period :	3 Years			
Moratorium effective from :	13.10.2023			
Repayment Period (Inc Moratorium) :	15 Years			
Repayment Frequency :	12 Yearly Instalment			
Repayment Type :	AVG			
First Repayment Date :	13.10.2027			
Base Exchange Rate :	RUPEE			
Date of Base Exchange Rate :	N.A.			
Project Code	Project Name	Amount		
	BARH-I (3X 660MW)	40,00,00,000.00	01-03-2024	
	TAPOVAN VISHNUGARH	52,00,00,000.00	01-03-2024	
	NORTH KARANPURA (3X660MW)	1,10,00,00,000.00	01-03-2024	
	RAMMAM (3X40MW)	18,00,00,000.00	01-03-2024	
	TELANGANA (2X800MW)	50,00,00,000.00	01-03-2024	
	TTPS III (2X660MW)	5,00,00,000.00	01-03-2024	
	LARA, STAGE-II, 2X800 MW	6,00,00,000.00	01-03-2024	
	SOLAPUR SOLAR (23MW)	1,00,00,000.00	01-03-2024	
	ANTA SOLAR (90MW)	55,00,00,000.00	01-03-2024	
	NOKH SOLAR PLOT-I (245MW)	56,50,00,000.00	01-03-2024	
	NOKH SOLAR PLOT-II 245MW	1,21,50,00,000.00	01-03-2024	
	NOKH SOLAR PLOT-III (245M	66,00,00,000.00	01-03-2024	
	GADARWARA	20,00,00,000.00	01-03-2024	
	DARLIPALLI	10,00,00,000.00	01-03-2024	
	TANDA-II	5,00,00,000.00	01-03-2024	
	BARAUNI-II (2X250MW)	4,00,00,000.00	01-03-2024	
	NABINAGAR	10,00,00,000.00	01-03-2024	
	TALAIPALI COAL MINE	8,00,00,000.00	01-03-2024	
	KERANDARI	30,00,00,000.00	01-03-2024	
	RIHAND- I FGD	22,00,00,000.00	01-03-2024	
	RIHAND- II & III FGD	1,00,00,000.00	01-03-2024	
	SIPAT-II FGD	1,00,00,000.00	01-03-2024	
	KORBA-I, II & III FGD	6,00,00,000.00	01-03-2024	
	MOUDA-II FGD	2,00,00,000.00	01-03-2024	
Total Allocated Amount		7,00,00,00,000.00		

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Digitally signed by PRASHANT CHATURVEDI
Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form 8

Name of the Company NTPC LIMITED
Name of the Power Station Barauni-II TPS (2 x 250 MW)

Particulars							
	21	22	23	24	26		
Source of Loan	USD 750 Million Drawl I	USD 750 Million Drawl II	USD 750 Million Drawl III	USD 750 Million Drawl IV	USD 750 Million Drawl VI	JPY Equ. $400 Million Drawl I	JPY Equ. $400 Million Drawl IV
Drawal							
Currency	USD	USD	USD	USD	USD	JPY	JPY
Amount of loan sanctioned	10,00,00,000	10,00,00,000	25,00,00,000	10,00,00,000	10,00,00,000	13,51,55,00,000	14,25,65,00,000
Amount of Gross Loan drawn upto 19.03.2024	10,00,00,000	10,00,00,000	25,00,00,000	10,00,00,000	10,00,00,000	13,51,55,00,000	14,25,65,00,000
Interest Type	Floating	Floating	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable	-	-	-	-	-	-	-
Base Rate, if floating interest*	6 Month Term SOFR*	6 Month Term SOFR*	6 Month Term SOFR*	6 Month Term SOFR*	6 Month Term SOFR*	6M Compounded TONA	6M Compounded TONA
Margin, if floating interest rate	1.16933%	1.16933%	1.16933%	1.16933%	1.16933%	1.20000%	1.20000%
Are there any Caps / Floor	No	No	No	No	No	No	No
If above is Yes, specify Caps / Floor	-	-	-	-	-	-	-
Moratorium Period	4	4	4	4	4	4	4
Moratorium effective from	25-Apr-2022	25-Apr-2022	25-Apr-2022	25-Apr-2022	25-Apr-2022	31-Aug-2023	31-Aug-2023
Repayment period	Yearly	Yearly	Yearly	Yearly	Yearly	Yearly	Yearly
Repayment effective from	05-Oct-2026	05-Oct-2026	05-Oct-2026	05-Oct-2026	05-Oct-2026	31-Aug-2027	31-Aug-2027
Repayment frequency	Seven times	Seven times	Seven times	Seven times	Seven times	Seven times	Seven times
Repayment installment	1,42,85,714	1,42,85,714	3,57,14,286	1,42,85,714	1,42,85,714	1,93,07,85,714	2,03,66,42,857
						-	-
Base Exchange Rate -							
Are foreign currency loan hedged	No	No	No	No	No	-	-
If above is Yes, specify details	-	-	-	-	-		

Name of the Projects	%	%	%	%	%	%	%
Koldam			6.42%				
Sipat I			10.89%				1.27%
Sipat-I FGD	3.55%	1.49%	0.29%		1.09%	1.94%	
Sipat-II FGD		0.63%			0.24%	0.85%	0.67%
Bongaigaon							
Tapovan Vishugad	14.53%	4.76%	21.20%	2.79%		3.09%	0.48%
Rihand-II&III FGD	0.39%	0.38%	0.15%	0.97%	0.24%	1.63%	1.15%
VSTPS- I & II			0.86%	1.46%			
VSTPS- III & IV			0.66%	0.85%			
Simhadari-I&II FGD		1.45%	0.61%	2.38%		0.94%	0.12%
Mouda-I			4.03%				
Barh-I	7.02%	22.35%	11.83%	15.52%	2.55%	5.81%	9.21%
Barh-II			4.59%	0.67%			
Barh-II FGD		2.10%	0.17%			0.12%	1.09%
Kudgi							
Lara	11.82%		0.10%	5.34%	2.43%	6.18%	1.39%
Mouda-II						0.73%	
Solapur							
Solapur FGD	0.66%	0.31%	0.20%		0.18%	1.94%	0.48%
Vindhyachal-V							
Vindhyachal-IV			2.67%				
Gadarwara	5.12%	0.75%	0.25%	1.82%		3.63%	1.21%
Kudgi (FGD)		0.73%	0.34%	0.46%	5.82%	0.48%	1.09%
Singrauli-I&II FGD	1.31%	3.44%	1.08%	3.58%	7.16%	3.00%	2.79%
Korba-I,II&III	0.39%	0.41%	1.20%	3.09%	8.25%	5.03%	2.30%
North Karanpura	22.91%	16.12%	4.41%	11.35%	10.19%	4.72%	2.91%
Dadri-II							
Ramagundam-I & II FGD		0.44%	1.27%	2.03%	2.85%	0.97%	2.36%
Farakka-I,II&III FGD		3.13%	0.59%	3.09%	3.20%	3.39%	3.39%
Kahalgaon-I&II FGD	0.79%	0.26%	0.49%	1.66%	0.97%	2.54%	3.03%
Talcher STPS-I&II FGD	0.39%	0.72%	1.18%	1.76%	4.85%	1.27%	5.05%
Talcher III			12.52%			3.88%	
Unchahar-I, II &III FGD		1.94%	0.59%	2.21%	2.67%	0.36%	1.09%
Darlipali	4.92%		1.13%	4.00%	2.55%	0.48%	5.33%
Tanda II	2.95%			4.73%	2.18%	3.75%	7.88%
Unchahar-IV				0.12%			
Khargone	0.92%		0.25%	1.82%	4.00%	10.90%	
Ramman	2.43%	2.38%	0.39%	0.36%	0.24%	1.45%	
Telangana	10.04%	17.03%	4.02%	4.85%	3.88%	13.81%	7.88%
Barauni-II	1.38%	5.79%	0.25%	1.58%	2.43%	0.85%	0.48%
Dulanga Coal Mine	0.92%	2.13%	0.98%	0.24%	0.24%		
Talaipali Coal Mine	0.59%	3.26%	0.15%	1.94%	3.64%	1.63%	0.48%
Chatti Bariatu CMB	3.41%	1.00%	0.49%	0.49%	5.94%	0.85%	1.70%
Kirendari	3.55%	3.26%	2.16%	2.43%	3.64%	3.54%	4.48%
Nabinagar				14.13%	7.28%	3.15%	6.06%
Ramagundam- III FGD				0.30%	0.42%	0.24%	0.97%
NCPS-FGD		0.25%					
Unchahar-IV FGD			0.37%				
Mouda-I FGD		0.42%	0.86%	1.00%	0.55%	0.61%	
Mouda-II FGD		0.21%	0.29%	0.33%	0.24%		2.54%
Dadri-II FGD			0.10%				
Rihand-I FGD		2.88%		0.67%	0.36%	1.70%	4.42%
Darlipali (FGD)							
Telengana							
Pakri Barwadih CMB							8.85%
Vindhyachal-I &II FGD					6.79%	2.85%	4.42%
Vindhyachal-III &IV FGD					2.91%	1.70%	3.39%
Unallocated							
Total	100.0000%	100.0000%	100.0000%	100.00%	100.00%	100.00%	100.00%

Notes:-
a) The Interest rate is exclusive of withholding tax currently @ 5.46%(Inclusive of surcharge & education cess)*

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Name of the Petitioner				**NTPC Ltd**							**Form 9A**
Name of the Generating Station				**Barauni-II TPS (2 x 250 MW)**							
COD				**01.11.2021**							
For Financial Year				**2019-24 (Summary)**							
											Rs. Lakhs
Sl. No.	**Head of Work /Equipment**	**ACE Claimed Cash Basis**						**Regulation**	**Total**	**Justification**	**Admitted Cost by the Commission, if any**
		2019-20 (01.03.2020-31.03.2020)	**2020-21**	**2021-22 (01.04.2021 to 31.10.2021)**	**2021-22 (01.11.2021 to 31.03.2022)**	**2022-23**	**2023-24**				
1	**2**	**3**	**4**	**5**		**6**	**7**	**8**	**9**	**10**	**11**
A	**Works eligble for RoE at Normal Rate**										
	Works Admitted/Claimed										
A1	Original scope Works of Plant & Machinery including civil works.	-	-	-	4633.18	2991.15	7791.74	Reg 24 (1) (b)	15416.08	Refer to Form-9A of individual Financial Year	
A2	Combustion Modification (Nox) System U#8 and U#9					409.04	716.79	Reg 24(1) (b) & (e)	1125.82		
A3	Capitalization of Capital Spares	-	-	-	-	2533.34	5681.37	Reg 24 (1)	8214.71		
A4	Capitalization of MBOA items	0.00	349.69	0.00	297.02	390.68	356.47	Reg 24 (1) (b)	1393.86		
A5	Installation of ZLD System of Barauni-II	-	-	-	-	18.53	21.10	Reg 26(1) (b)	39.63		
A6	Installation of LED lighting fixtures etc.						25.78	Reg 26(1) (b)	25.78		
A7	Upgradation of HMI/ DCS system for U#8 and U#9	-	-	-	-	-	1001.94	24 (1) with Reg 76	1001.94		
A8	Water Sprinkler system etc. for Fugitive dust suppression						122.92	Reg 26(1) (b)	122.92		
A9	Ash related works / works towards for Ash utilization	-	-	-	-	-	469.58	Reg.19 (2) (i) & 26 (1) (b)	469.58		
A10	Construction of Vermi Composting plant at Barauni Township	-	-	-	-	-	81.99	Reg 26(1) (b)	81.99		
	Sub total (A)	**0.00**	**349.69**	**0.00**	**4930.20**	**6342.75**	**16269.66**		**27892.30**		
B	**Works eligble for RoE at Wtd. Average rate of Interest**										
1	-	-	-	-	-	-			0.00	Refer to Form-9A of individual Financial Year	
	Sub total (B)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**		**0.00**		
C	**Decapitalization /Adjustments**										
C.1	Decap of Spares: Part of Capital Cost	0.00	0.00	0.00	(68.82)	(161.19)	(264.70)		-494.71	Refer to Form-I of Individual Financial Year	
C.2	Decap of MBOA: Part of capital cost					(1.20)	(95.68)		-96.88		
C.3	Decap of HMI/DCS system : Part of capital cost						(254.80)		-254.80		
	Subtotal Decapitalization/ Adjustments (C)	**0.00**	**0.00**	**0.00**	**(68.82)**	**(162.39)**	**(615.18)**		**(846.39)**		
D	Add. Discharge of Liabilities pertaining to allowed/claimed works	**5232.96**	**4670.95**	**68.97**	**5661.21**	**1752.59**	**1411.49**		**18798.18**	Refer to Form-9A of individual Financial Year	
	Total Add Cap Claimed for Tariff (A+B+C+D)	**5232.96**	**5020.64**	**68.97**	**10522.60**	**7932.94**	**17065.98**		**45844.09**		

Petition

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- 9

Name of the Petitioner NTPC Limited
Name of the Generating Station Barauni-II TPS (2 x 250 MW)
COD of Station 01.11.2021
For Financial Year 2021-22

Rs. Lakhs

Sl. No.	Head of Work /Equipment	01.11.2021 to 31.03.2022 ACE Claimed (Actual)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Ind As Adj.	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3 *	Cash basis	IDC included in col. 3			
1	2	3	3A	3B=3+3A	4	5= (3-4)	6	7	8	9
A.	**Works eligible for ROE at Normal Rate**									
I	**Original scope Works of Plant & Machinery including civil works.**									
1	BHEL EPC works	1807.17	0.00	1807.17	5.68	1801.49	150.78	24 (1) (b)	These are actual capitalization of the deferred balance works of Original Scope within Cutoff period. Hon'ble Commission may pleased to allow.	
2	BHEL EPC Civil works	8.61	0.00	8.61	0.00	8.61				
3	Simariya Railway Siding	2244.77	0.00	2244.77	0.00	2244.77				
4	Storm water system, Land scaping works, Green belt work etc.	578.31	0.00	578.31	0.00	578.31				
	SubTotal (1 to 4)	**4638.86**	**0.00**	**4638.86**	**5.68**	**4633.18**	**150.78**			
5	MBOA items Capitalization									
5.1	Furniture and fixtures	135.82	0.00	135.82	0.00	135.82				
5.2	Other Office Equipments	60.80	0.00	60.80	0.00	60.80				
5.3	Hospital Equipments	19.85	0.00	19.85	0.00	19.85				
5.4	Miscellaneous Tools & Tackles (P&M) etc.	80.55	0.00	80.55	0.00	80.55				
	SubTotal (5)	**297.02**	**0.00**	**297.02**	**0.00**	**297.02**				
	SubTotal (I)	**4935.88**	**0.00**	**4935.88**	**5.68**	**4930.20**	**150.78**			
II	**Decap of spares : Part of Capital Cost**	-68.82	0.00	-68.82	0.00	-68.82				
III	**Add: Discharge of liability corresponding to allowed/Claimed works**					**5661.21**				
	Total Add. Cap. Claimed (A)	**4867.06**	**0.00**	**4867.06**	**5.68**	**10522.60**	**150.78**			
B	**Works eligible for RoE at weightage average rate of interest**									
B.1		**-**	**-**	**-**	**-**					
	Add: Discharge of liability corresponding to allowed/Claimed works					0.00				
	TOTAL Add cap claimed on cash basis and liability discharge (B)					0.00				
	TOTAL Add cap claimed on cash basis and liability discharge (A+B)					**10,522.60**				

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Year wise Statement of Additional Capitalisation after COD

PART-I
FORM- 9A
Amount in Rs. Lakhs

Name of the Petitioner	NTPC Ltd
Name of the Generating Station	Barauni-II TPS (2 x 250 MW)
Station COD/ Date of Take over	01.11.2021
For Financial Year	2022-23

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual for 2022-23)						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Ind AS Adj.	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A	**Works eligible for ROE at Normal Rate**									
A1	Steam Generator	1.64	0.00	1.64	0.00	1.64	0.00	Reg 24(1) (b)	These are actual capitalization of the deferred balance works of Original Scope works before cut-off date. Hon'ble Commission may be pleased to allow the same.	
A2	ESP	767.58	0.00	767.58	250.21	517.37	0.00			
A3	Turbine Generator & Auxiliaries	686.92	0.00	686.92	486.16	200.76	0.00			
A4	Control & Instrumentation	415.24	0.00	415.24	299.52	115.73	0.00			
A5	Transformer Package	185.74	0.00	185.74	36.23	149.51	0.00			
A6	Switchgear Package	82.32	0.00	82.32	22.73	59.59	0.00			
A7	Station lighting	4.71	0.00	4.71	0.00	4.71	0.00			
A8	Railway Siding related works Stage-II	3455.82	0.00	3455.82	1513.98	1941.84	0.00			
	Subtotal (A1 to A8)	**5599.98**	**0.00**	**5599.98**	**2608.83**	**2991.15**	**0.00**			
A9	**Installation of ZLD System of Barauni-II**	**19.40**	**0.00**	**19.40**	**0.87**	**18.53**	**0.00**	**Reg 26(1) (b)**	Zero Liquid Discharge (ZLD) needs to be installed in compliance of Environment (Protection) Rules, 1986, which mandates thermal power plant to avoid discharge of waste water for the prevention and control of water pollution . Further, as per the 'Consent to operate' dated 06.01.2020, granted by the Bihar State Pollution Control Board **(Copy attached at Annexure-I)**, the Zero liquid discharge has to be ensured by the power generating station. ZLD involves installation of following schemes which reduces requirement of freshwater consumption thereby reduces water charges liability on to the beneficiaries. a) Utilization of Waste water used for coal dust suppression, b) Sludge water recovery, c) Boiler blow down used as CT make up etc. Further, Hon'ble Commission in its orders dated 27.09.2022 in Petition no.396/GT/2020 for Bhilai Expansion Power Plant and Order dtd. 10.07.2023 in Petition no.369/GT/2020 for Anta Gas Power Station has has allowed additional capital expenditure incurred on implementation of ZLD. Therefore, to comply with this stringent regulatory requirement, it is humbly requested that Hon'ble Commission may be pleased to allow the same at the instant station under Regulation 26 (1) (b) of Tariff Regulations 2019.	
A10	**ECS system - Combustion Modification System (Nox) for Unit# 8 (U#1 of Stage-II)**	**673.84**	**0.00**	**673.84**	**264.80**	**409.04**	**0.00**	**Reg 24(1) (b) & (e)**	These works are part of original sope. Further,MoEF&CC, GoI vide Gazette Notification dated 07.12.2015 envisages strict emission norms for Coal based thermal power plants for emission control for Sox and Nox. In view of statutory compliance, the petitioner has installed Combustion modification system in Unit #8 (U#1) of instant station. Hon'ble Commission may be pleased to allow the said capitalization for Combustion Modification System of U#8..	
	Subtotal (A1 to A10)	**6293.22**	**0.00**	**6293.22**	**2874.50**	**3418.72**	**0.00**			
A11	**Capital spares capitalisation**	**2533.34**	**0.00**	**2533.34**	**0.00**	**2533.34**	**0.00**	**Reg 24(1) (C)**	These are actual capitalization of Original Scope of works which have been deferred but within cut-off date. Hon'ble Commission may be pleased to allow the same.	
A12	**Decap of Spares : Part of Capital Cost**	**-161.19**	**0.00**	**-161.19**	**0.00**	**-161.19**	**0.00**		These spares were part of capital cost , have become unserviceable. Therefore, to be removed from capital cost after de-capitalization.	
A13	**MBOA items Capitalisation**									
A13.1	Furniture & Fixtures	73.60	0.00	73.60	0.00	73.60	0.00	Reg 24 (1) (b)	These are actual capitalization of the deferred balance works of Original Scope works within cut-off date. These MBOA assets of minor nature are required for reliable and sustained operation of the plant. Hon'ble Commission may be pleased to allow the same.	
A13.2	Other office Equipments	64.21	0.00	64.21	0.00	64.21	0.00			
A13.3	EDP,Satcom Equipment etc.	88.26	0.00	88.26	0.00	88.26	0.00			
A13.4	Communication Equipment	4.01	0.00	4.01	0.00	4.01	0.00			
A13.5	Laboratory & Workshop Equipment	30.21	0.00	30.21	0.00	30.21	0.00			
A13.6	Hospital Equipments	2.28	0.00	2.28	0.00	2.28	0.00			
A13.7	Diesel bowser vehicle	18.20	0.00	18.20	0.00	18.20	0.00			
A13.8	Miscellaneous Tools & Tackles (P&M) etc.	109.91	0.00	109.91	0.00	109.91	0.00			
	Subtotal (A13)	**390.68**	**0.00**	**390.68**	**0.00**	**390.68**	**0.00**			
A14	**Decap of MBOA : Part of Capital Cost**	**-1.20**	**0.00**	**-1.20**	**0.00**	**-1.20**	**0.00**			
A15	**Contractor ERV Charged to P&L**	**0.00**	**101.27**	**101.27**	**101.27**	**0.00**	**0.00**	**Reg 24 (1)**	In the erstwhile IGAAP as per Para 46A of AS-11, FERV was to be capitalized and accordingly the same was claimed as part of capital cost. However, as per Ind AS, FERV after 01.04.2016 shall not form part of Gross Block and shall be charged to the statement of Profit & Loss as Borrowing cost/FERV. However, as per Clause 19(2)(c) of Tariff Regulations 2019, in case of new projects any gain or loss on account of foreign exchange risk variation shall form part of capital cost. Hence, Package ERV Charged to P&L has been claimed as capitalization. Hon'ble Commission may be pleased to allow the same.	
	Subtotal of Additional Capitalization (A1 to A15)	**9054.85**	**101.27**	**9156.12**	**2975.76**	**6180.35**	**0.00**			
A16	**Add: Discharge of liability corresponding to allowed/Claimed works**					**1,752.59**			Details in Form-S i.e. Liability Flow Statement	
	Total -Add cap claimed on cash basis and liability discharge (A)					**7,932.94**				
B	**For assets eligible for RoE at weightage average rate of interest on loan**									
B1	-									
B2	**Add: Discharge of liability corresponding to allowed/Claimed works**					0.00				
	Total Add cap claimed on cash basis and liability discharge (B)					**0.00**				
	Total Add cap claimed on cash basis and liability discharge (A+B)					**7932.94**				

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Date: 2024.11.04 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
Annexure- A
Amount in Rs.

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd**
Name of the Generating Station	**Barauni-II TPS (2 x 250 MW)**
Station COD/ Date of Take over	**01.11.2021**
For Financial Year	**2022-23**

Sl. No.	Head of Work /Equipment	Party Name	ACE Claimed (Actual for 2022-23)						Justification
			Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per IGAAP	Un discharged Liability	Cash basis	IDC included in col. 3	
1	2		3	3A	3B = 3+3A	4	5= (3B-4)	6	7
A	**Works under Original Scope, Change in law etc. eligible for ROE at Normal Rate**								
A1	Steam Generator	BHEL & others	1,64,176	0	1,64,176	0	1,64,176		
A2	ESP	BHEL & others	7,67,58,032	0	7,67,58,032	2,50,21,079	5,17,36,952		
A3	Turbine Generator & Auxiliaries	BHEL & others	6,86,92,371	0	6,86,92,371	4,86,16,190	2,00,76,180		
A4	Control & Instrumentation	BHEL & others	4,15,24,429	0	4,15,24,429	2,99,51,689	1,15,72,740		
A5	Transformer Package	BHEL & others	1,85,73,687	0	1,85,73,687	36,22,739	1,49,50,949		
A6	Switchgear Package	BHEL & others	82,32,373	0	82,32,373	22,73,244	59,59,129		
A7	Station lighting	BHEL & others	4,71,235	0	4,71,235	0	4,71,235		
A8	Railway Siding related works Stage-II	FA AND CAO, EC RAILWAY HAJIPUR ,Rites ,BHEL, Multiple parties etc.	34,55,81,993	0	34,55,81,993	15,13,98,153	19,41,83,840		
		Sub Total (A1 to A8)	**55,99,98,296**	**-**	**55,99,98,296**	**26,08,83,095**	**29,91,15,201**		
A9	Installation of ZLD System of Barauni-II	BHEL etc.	19,40,046	0	19,40,046	86,678	18,53,368		
A10	ECS system - Combustion Modification System (Nox) for Unit# 8 (U#1 of Stage-II)	GE POWER INDIA LTD	6,73,83,928	0	6,73,83,928	2,64,80,187	4,09,03,741		
		Sub Total (A1 to A10)	**62,93,22,270**	**-**	**62,93,22,270**	**28,74,49,960**	**34,18,72,311**	**-**	
A11	**Capital Spares capitalisation**		**25,33,34,359**	**0**	**25,33,34,359**		**25,33,34,359**		**As per Form 9A**
A12	**MBOA capitalisation items**								
A12.1	Furniture & Fixtures		73,59,698	0	73,59,698		73,59,698		
A12.2	Other office Equipments		64,21,124	0	64,21,124		64,21,124		
A12.3	EDP,Satcom Equipment etc.		88,25,555	0	88,25,555		88,25,555		
A12.4	Communication Equipment		4,00,739	0	4,00,739		4,00,739		
A12.5	Laboratory & Workshop Equipment		30,21,460	0	30,21,460		30,21,460		
A12.6	Hospital Equipments		2,28,280	0	2,28,280		2,28,280		
A12.7	Diesel bowser vehicle		18,20,000	0	18,20,000		18,20,000		
A12.8	Miscellaneous Tools & Tackles (P&M) etc.		1,09,91,091	0	1,09,91,091		1,09,91,091		
		Sub Total (A12)	**3,90,67,947**	**-**	**3,90,67,947**	**-**	**3,90,67,947**		
A12	**Decap of Capital spares : Part of Capital Cost**	-	**1,61,19,202**	**0**	**-1,61,19,202**	**-**	**-1,61,19,202**		
A13	**Decap of MBOA: Part of Capital cost**		**-1,19,980**	**0**	**-1,19,980**	**0**	**-1,19,980**		
A14	**Contractor ERV Charged to P&L**			**1,01,26,500**	**1,01,26,500**	**1,01,26,500**	**0**		
		Total Claim (A)	**90,54,85,394**	**1,01,26,500**	**91,56,11,894**	**29,75,76,460**	**61,80,35,434**	**-**	
B	**Exclusions**								
B1	**Overhauling**								
B1.1	**Overhauling (Capitalization)**		5,90,91,796	-5,90,91,796	0	0	0		
B1.2	**Overhauling (Decapitalization)**		-13,50,77,141	13,50,77,141	0	0	0		**As per Form K**
		Sub Total (B1)	**-7,59,85,345**	**7,59,85,345**	**0**	**0**	**0**		
B2	**Interunit Transfer**		-22,17,973		-22,17,973	0	-22,17,973		
		Total Exclusion (B)	**-7,82,03,318**	**7,59,85,345**	**-22,17,973**	**0**	**-22,17,973**	**-**	
		Grand Total (A+B)	**82,72,82,076**	**8,61,11,845**	**91,33,93,921**	**29,75,76,460**	**61,58,17,462**	**-**	

(Petitioner)

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Location: NTPC LTD.

ANNEXURE-IA-1

Summary of Gross Block Reconciliation (2022-23)

Amount in Rs

Sr. No.	Particular	Total	Stage I	Stage II
1	Closing Gross Block as per Books as on **31.03.2023**	**34,42,85,09,298.54**	2,68,40,09,731.61	31,74,44,99,566.93
2	Opening Gross Block as per Books as on **01.04.2022**	**32,14,13,76,070.00**	1,22,41,58,579.21	30,91,72,17,490.79
3	Total Addition During the Year as per books (Ind-AS) **(1-2)**	**2,28,71,33,228.54**	1,45,98,51,152.40	82,72,82,076.14
4	Ind-AS Adjustment	**8,61,11,845.17**	-	8,61,11,845.17
5	**Total Addition During the Year (3+4) (IGAAP) Barauni**	**2,37,32,45,073.71**	**1,45,98,51,152.40**	**91,33,93,921.31**

(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Year wise Statement of Additional Capitalisation after COD

PART-I
FORM- 9A
Amount in Rs. Lakhs

Name of the Petitioner	NTPC Ltd
Name of the Generating Station	Barauni-II TPS (2 x 250 MW)
Station COD/ Date of Take over	01.11.2021
For Financial Year	2023-24

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual for 2023-24						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Ind AS Adj.	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A	**Works eligible for ROE at Normal Rate**									
A1	Steam Generator	2583.05	0.00	2583.05	349.79	2233.26	0.00	Reg 24(1) (b)	These are actual capitalization of the deferred balance works of Original Scope works before cut-off date. Hon'ble Commission may be pleased to allow the same.	
A2	Turbine Generator	1721.57	0.00	1721.57	0.00	1721.57	0.00			
A3	CHP	1221.86	0.00	1221.86	26.53	1195.33	0.00			
A4	Air Compressor System	101.10	0.00	101.10	24.88	76.22	0.00			
A5	Power & Control Cables	56.62	0.00	56.62	0.00	56.62	56.62			
A6	Clarification Plant (PT Plant)	2.09	0.00	2.09	0.00	2.09	0.00			
A7	Switchyard	783.01	0.00	783.01	0.00	783.01	0.00			
A8	Main Plant/ Offsite Civil works	379.78	0.00	379.78	24.62	355.16	0.00			
A9	Road & Drainage	54.39	0.00	54.39	0.00	54.39	0.00			
A10	Enabling works in Township	39.54	0.00	39.54	0.00	39.54	0.00			
A11	Storm water drainage	82.45	0.00	82.45	0.00	82.45	23.87			
A12	Railway Siding related works Stage-II	1192.10	0.00	1192.10	0.00	1192.10	0.00			
	Subtotal (A1 to A12)	**8217.56**	**0.00**	**8217.56**	**425.82**	**7791.74**	**80.48**			
A13	Installation of ZLD System of Barauni-II	**21.10**	**0.00**	**21.10**	**0.00**	**21.10**	**0.00**	**Reg 26(1) (b)**	Refer to justification provided in Form 9 of FY 2022-23.	
A14	Installation of LED lighting fixtures etc.	**25.78**	**0.00**	25.78	**0.00**	**25.78**	**0.00**	**Reg 26(1) (b)**	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 is being implemented by EESL. In this regard, through MoP, GoI vide letter dated 02.08.2017 NTPC was mandated to replace all old bulbs with LED bulbs in all NTPC buildings including compound/ street lighting occupied by NTPC. 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; " .. Any directions of Government of India is required to implemented and has the force of Law, In order to comply with the directions of Govt. of India vide its letter dated 02.08.2017, 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, **detailed justification provided at Annexure-E of the petition**. 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. Accordingly, the additional capitalization of capex nature pertains to installation of LED lighting fixtures by replacing the existing ones. It is humbly submitted that Hon'ble Commission may be pleased to allow the said capitalization.	
A15	Upgradation of HMI/ DCS system for U#8 and U#9	1094.71	0.00	1094.71	92.77	1001.94	0.00	**Reg 24 (1) alongwith Reg 76**	The HMI system previously deployed at Station relied on the Windows XP operating system. The DCS/ Human Machine Interface (HMI) are based on Microsoft Windows XP Operating platform. Since Microsoft no longer supports Windows XP, this created significant cybersecurity risks as no more security updates / virus definitions are available, this makes the system more vulnerable for the system security. To address these concerns and ensure continued functionality and reliability of the system, an upgradation of same was necessary. It is submitted that the SG, TG, and BOP station C&I system at NTPC Barauni-II, Unit 8 (Unit#1) and Unit 9 (Unit#2) operates on the DCS MAX DNA platform with a Windows XP operating system. Microsoft has declared Windows XP as obsolete and has withdrawn the support for all XP based systems including automatic security updates, non - security hotfixes etc.. With the cessation of support, no further maintenance patches, security updates, or antivirus support are available, exposing the existing system to significant security risks and vulnerability. It is further submitted that , the CEA Guidelines (2021) for Cyber Security in the Power Sector (**attached as Annexure -K**) mandates :(i) Phasing out legacy systems, (ii) Hardening existing systems with additional security controls in consultation with the OEM, and (iii) Maintaining system logs for a minimum of six months etc. In light of these mandates, it was essential to upgrade the existing DCS /HMI system and implement a cybersecurity suite to strengthen system hardening to ensure improved reliability and availability of the system. Communication from the HMI OEM, BHEL regarding obsolescence is attached as **as Annexure -J** Hon'ble Commission has allowed the similar additional capital expenditure incurred on HMI upgradation in Anta gas power station and Meja thermal power station vide its order dated 05.09.2023 (in petition no. 432-GT-2020) and order dated 27.04.2023 (in petition no. 568-GT-2020) respectively. Therefore, for continued and efficient operation of the system and the station, it is humbly requested that Hon'ble Commission may be pleased to allow the same.	

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Location: NTPC LTD.

Year wise Statement of Additional Capitalisation after COD

PART-I
FORM- 9A
Amount in Rs. Lakhs

Name of the Petitioner	NTPC Ltd
Name of the Generating Station	Barauni-II TPS (2 x 250 MW)
Station COD/ Date of Take over	01.11.2021
For Financial Year	2023-24

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual for 2023-24						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Ind AS Adj.	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A16	Water Sprinkler system etc. for Fugitive dust suppression	140.52	0.00	140.52	17.60	122.92	0.00	Reg 26(1) (b)	The Bihar State Pollution control board has directed **(attached at Annexure-M)** for various measures to prevent air pollution/ fugitive emission in plant area as well as near ash dykes/lagoons.The plant as well as ash dyke is in vicinity of villages i.e. surrounded by dense population. In view to meet the ambient air quality, as per the norms, which will help in providing clean air to the villagers living around the plant area and in compliance to the statutory directions, the petitioner has installed water sprinkler system, constructed boundary wall along bund etc. as measures to control fugitive dust.These measures will ensure reduction of Particulate Matter (PM) in the air and to ensure clean air around the station. It is submitted that in this system, the water droplets are sprayed into the air, and it captures the dust floating in the air, therefore, this system is effective in the suppression of fugitive dust. Hon'ble Commission may be pleased to allow the same under "Change in Law or compliance of any existing law"	
A17	Ash related works / works towards for Ash utilization	469.58	0.00	469.58	0.00	469.58	0.00	Reg.19 (2) (i) & 26 (1) (b)	Hon'ble Commission in its order dated 28.10.2022 in petition no. 205/MP/2021 has recognized notification dated 31.12.2021 as Change in Law and has considered the need to implement measures to improve utilization of fly ash so to reduce cost of fly ash transportation and stated as under: *"52. ..we direct the Petitioner to ensure the strict compliance of the notifications issued by the statutory authority and implement measures to improve the utilization of fly ash in all its thermal generating stations, thereby reducing the cost of fly ash transportation....."* In view to undertake ash ultilization as per MoEFCC notification dated 31.12.202, the petitioner had incurred expenditure to develop/construct infrastucture facilities i.e road from ash dyke area to nearest Highway,ramp/road at Ash Silo area for ash bagging loading etc. to facilitate safe handling and transporation of ash for disposal and utilization. Hon'ble Commission may be pleased to allow the same under Reg.19 (2) (i) & 26 (1) (b)	
A18	Construction of Vermi Composting plant at Barauni	89.47	0.00	89.47	7.48	81.99	0.00	Reg 26(1) (b)	The management of municipal solid waste/Hazardous Waste/E-Waste/Plastic Waste/ Bio-Medical/Battery waste etc. are the most important obligatory functions of the any industry & urban local bodies. Solid waste management is one among the important components of Swachh Bharat Mission. Improper dispose of these wastes cause adverse effect on environment,quality of life and also poses threat to the human health. Further, in view of the safety concerns,disposal and handling of solid wastes (like bio-degradable waste, agricultural waste,household waste etc.) in an environmentally sound manner is necessary. solid waste generted cannot be kept in open condition and needs to be handled based on based on Rules notified by the Ministry of Environment, Forest & Climate Change, Govt. of India time to time. Solid Waste Management Rules, 2016 notified by MOEF&CC provides one of the duties of Waste generators, as per Clause 4.7 that bio-degradable waste shall be processed, treated, and disposed off through composting or bio-methanation within the premises as far as possible and makes it mandatory for the solid wastes are to be managed in environmentally sound manner **(Attached at Annexure-L)**. In view of above and inline with MOEF&CC's notification, the petitioner has set up the vermi-composting plant at instant station and is thereby treating the organic wastes at the source point itself in the most environment friendly manner. Hon'ble Commission may be pleased to allow the same under "Change in Law or compliance of any existing law"	
A19	ECS system-Combustion Modification System (Nox) for Unit# 9 (U#2 of Stage-II)	870.55	0.00	870.55	153.76	716.79	0.00	Reg 24(1) (b) & (e)	These works are part of original sope. Further,MoEF&CC, GoI vide Gazette Notification dated 07.12.2015 envisages strict emission norms for Coal based thermal power plants for emission control for Sox and Nox. In view of statutory compliance, the petitioner has installed Combustion modification system in Unit #9 (U#2) of instant station. Hon'ble Commission may be pleased to allow the said capitalization for Combustion Modification System of U#8..	
	Subtotal (A1 to A19)	**10929.26**	**0.00**	**10929.26**	**697.43**	**10231.83**	**80.48**			
A20	**Capital spares capitalisation**	**5723.56**	**0.00**	**5723.56**	**42.19**	**5681.37**	**0.00**	Reg 24(1) (c)	These are actual capitalization of Original Scope of works which have been deferred but within cut-off date. Hon'ble Commission may be pleased to allow the same.	
A21	**Decap of Spares : Part of Capital Cost**	**-264.70**	**0.00**	**-264.70**	**0.00**	**-264.70**	**0.00**		These spares were part of capital cost , have become unserviceable. Therefore, to be removed from capital cost after de-capitalization.	
A22	**Decap of HMI/DCS system : Part of capital cost**	**-254.80**	**0.00**	**-254.80**	**0.00**	**-254.80**	**0.00**			
A23	**MBOA items Capitalisation**									
A23.1	Furniture & Fixtures	50.42	0.00	50.42	4.35	46.07	0.00	Reg 24 (1) (b)	These are actual capitalization of the deferred balance works of Original Scope works within cut-off date. These MBOA assets of minor nature are required for reliable and sustained operation of the plant. Hon'ble Commission may be pleased to allow the same.	
A23.2	Other office Equipments	68.15	0.00	68.15	8.72	59.42	0.00			
A23.3	EDP,Satcom Equipment etc.	129.09	0.00	129.09	4.98	124.11	0.00			
A23.4	Communication Equipment	0.18	0.00	0.18	0.00	0.18	0.00			
A23.5	Laboratory & Workshop Equipment	15.67	0.00	15.67	0.00	15.67	0.00			
A23.6	Hospital Equipments	0.30	0.00	0.30	0.00	0.30	0.00			
A23.7	Miscellaneous Tools & Tackles (P&M) etc.	121.78	0.00	121.78	11.06	110.72	0.00			
	Subtotal (A29)	**385.59**	**0.00**	**385.59**	**29.12**	**356.47**	**0.00**			
A24	**Decap of MBOA : Part of Capital Cost**	**-85.93**	**-9.74**	**-95.68**	**0.00**	**-95.68**	**0.00**			

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Location: NTPC LTD.

Year wise Statement of Additional Capitalisation after COD

PART-I
FORM- 9A
Amount in Rs. Lakhs

Name of the Petitioner	NTPC Ltd
Name of the Generating Station	Barauni-II TPS (2 x 250 MW)
Station COD/ Date of Take over	01.11.2021
For Financial Year	2023-24

Sl. No.	Head of Work /Equipment	ACE Claimed (Actual for 2023-24						Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		Accrual basis	Ind AS Adj.	Accrual basis as per IGAAP	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	3A	3B = 3+3A	4	5= (3B-4)	6	7	8	9
A25	Contractor ERV Charged to P&L	0.00	13.56	13.56	13.56	0.00	0.00	Reg 24 (1)	In the erstwhile IGAAP as per Para 46A of AS-11, FERV was to be capitalized and accordingly the same was claimed as part of capital cost. However, as per Ind AS, FERV after 01.04.2016 shall not form part of Gross Block and shall be charged to the statement of Profit & Loss as Borrowing cost/FERV. However, as per Clause 19(2)(c) of Tariff Regulations 2019, in case of new projects any gain or loss on account of foreign exchange risk variation shall form part of capital cost. Hence, Package ERV Charged to P&L has been claimed as capitalization. Hon'ble Commission may be pleased to allow the same.	
Subtotal of Additional Capitalization (A1 to A25)		16432.97	3.81	16436.78	782.29	15654.48	80.48			
A26	Add: Discharge of liability corresponding to allowed/Claimed works					1,411.49			Details in Form-S i.e. Liability Flow Statement	
	Total -Add cap claimed on cash basis and liability discharge (A)					17,065.98				
B	For assets eligible for RoE at weightage average rate of interest on loan									
B1	-									
B2	Add: Discharge of liability corresponding to allowed/Claimed works					0.00				
	Total Add cap claimed on cash basis and liability discharge (B)					0.00				
Total Add cap claimed on cash basis and liability discharge (A+B)						17065.98				

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Location: NTPC LTD.

PART-I
Annexure- A
Amount in Rs.

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner	**NTPC Ltd**
Name of the Generating Station	**Barauni Stage-II**
Station COD/ Date of Take over	**01.11.2021**
For Financial Year	**2023-24**

Sl. No.	Head of Work /Equipment	Party Name	ACE Claimed (Actual for 2023-24)						Justification
			Accrual basis as per Note 2	Ind AS Adj.	Accrual basis as per IGAAP	Un discharged Liability	Cash basis	IDC included in col. 3	
1	2		3	3A	3B = 3+3A	4	5= (3B-4)	6	7
A	**Works under Original Scope, Change in law etc. eligible for ROE at Normal Rate**								
A1	Steam Generator	BHEL & others	25,83,05,072	0	25,83,05,072	3,49,78,800	22,33,26,273		
A2	Turbine Generator	BHEL & others	17,21,57,075	0	17,21,57,075		17,21,57,075		
A3	CHP	BHEL , Sarp enterprises etc.	12,21,86,016	0	12,21,86,016	26,52,700	11,95,33,316		
A4	Air Compressor System	BHEL, ELGI etc.	1,01,10,407	0	1,01,10,407	24,87,980	76,22,427		
A5	Power & Control Cables	BHEL	56,61,611	0	56,61,611		56,61,611	56,61,611.00	
A6	Clarification Plant (PT Plant)	BHEL	2,08,566	0	2,08,566		2,08,566		
A7	Switchyard	BHEL	7,83,00,929	0	7,83,00,929		7,83,00,929		
A8	Main Plant/ Offsite Civil works	RANJEET KUMAR SINGH , BIPIN KUMAR, BY ENTERPRISES etc.	3,79,78,410	0	3,79,78,410	24,62,302	3,55,16,108		
A9	Road & Drainage	RANJEET KUMAR SINGH etc.	54,38,647	0	54,38,647	0	54,38,647		
A10	Enabling works in Township	RANJEET KUMAR SINGH ,	39,53,859	0	39,53,859	0	39,53,859		
A11	Storm water drainge	RANJEET KUMAR SINGH	82,45,435	0	82,45,435		82,45,435	23,86,609.81	
A12	Railway Siding related works Stage-II	Rites Ltd. etc.	11,92,10,138	0	11,92,10,138	0	11,92,10,138		
		Sub Total	**82,17,56,164**	**-**	**82,17,56,164**	**4,25,81,781**	**77,91,74,383**		
A13	Installation of ZLD System of Barauni-II	BHEL, Sakib etc.	21,09,555	0	21,09,555		21,09,555		
A14	Installation of LED lighting fixtures etc.	ENERGY EFFICIENCY SERVICES	25,77,585	0	25,77,585		25,77,585		
A15	Upgradation of HMI / DCS system for U#8 and U#9	BHEL	10,94,71,448	0	10,94,71,448	92,77,241	10,01,94,207		
A16	Water Sprinkler system etc. for Fugitive dust suppression	AGRI SERVE PVT LTD, B Y ENTERPRISE etc.	1,40,51,627	0	1,40,51,627	17,60,000	1,22,91,627		As per Form 9A
A17	Ash related works / works towards for Ash utilization	R N JHA & Multiple parties	4,69,58,186	0	4,69,58,186	0	4,69,58,186		
A18	Construction of Vermi Composting Unit at Barauni	RANJEET KUMAR SINGH	89,46,751	0	89,46,751	7,48,188	81,98,563		
A19	ECS system- Combustion Modification System (Nox) for Unit# 9 (U#2 of Stage-II)	GE POWER INDIA LTD	8,70,54,750	0	8,70,54,750	1,53,76,042	7,16,78,708		
		Sub Total	**27,11,69,902**	**-**	**27,11,69,902**	**2,71,61,471**	**24,40,08,431**		
A20	**Capital Spares capitalisation**		**57,23,55,535**	**0**	**57,23,55,535**	**42,18,808**	**56,81,36,727**		
A21	**MBOA items capitalisation**								
A21.1	Furniture & Fixtures		50,41,829	0	50,41,829	4,34,571	46,07,258		
A21.2	Other office Equipments		68,14,767	0	68,14,767	8,72,325	59,42,442		
A21.3	EDP,Satcom Equipment etc.		1,29,09,106	0	1,29,09,106	4,98,429	1,24,10,677		
A21.4	Communication Equipment		18,000	0	18,000		18,000		
A21.5	Laboratory & Workshop Equipment		15,66,804	0	15,66,804		15,66,804		
A21.6	Hospital Equipments		29,599	0	29,599		29,599		
A21.7	Miscellaneous Tools & Tackles (P&M) etc.		1,21,78,416	0	1,21,78,416	11,06,400	1,10,72,016		
		Sub Total (A21)	**3,85,58,521**	**-**	**3,85,58,521**	**29,11,725**	**3,56,46,796**		
A22	**Decap of Spares : Part of Capital Cost**		**- 2,64,70,295**	**0**	**-2,64,70,295**	**-**	**-2,64,70,295**		
A23	**Decap of HMI/DCS system : Part of capital cost**		**- 2,54,80,000**	**0**	**-2,54,80,000**	**-**	**-2,54,80,000**		
A24	**Decap of MBOA items: Part of capital cost**		**-85,93,273**	**-9,74,293**	**-95,67,566**	**0**	**-95,67,566**		
A25	**Contractor ERV Charged to P&L**			**13,55,500**	**13,55,500**	**13,55,500**	**0**		
		Total Claim (A)	**1,64,32,96,554**	**3,81,207**	**1,64,36,77,761**	**7,82,29,285**	**1,56,54,48,476**	**-**	
B	**Exclusions**								
B1	**Overhauling**								
B1.1	**Overhauling (Capitalization)**		20,55,56,032	-20,55,56,032	0	0	0		
B1.2	**Overhauling (decapitalization)**		-16,23,98,965	16,23,98,965	0	0	0		
		Sub Total (B1)	**4,31,57,066**	**-4,31,57,066**	**0**	**0**	**0**		As per Form K
B2	**Interunit Transfer**		50,213	1,288	51,500	0	51,500		
B3	**Capitalization IT/office equipment**		1,19,000	0	1,19,000	0	1,19,000		
B4	**Decap of IT/office equipment : Not Part of Capital Cost**		-1,19,000	0	-1,19,000	0	-1,19,000		
B5	**Liability Reversal**		0		0	0	0		
B6.1	Steam Generator	BHEL	-57,78,27,122	0	-57,78,27,122	-57,78,27,122	0		
B6.2	Turbine Generator	BHEL	-33,01,26,119	0	-33,01,26,119	-33,01,26,119	0		
B6.3	Ash Handling System	BHEL	-7,00,81,884	0	-7,00,81,884	-7,00,81,884	0		
		Sub Total (B3)	**-97,80,35,125**	**0**	**-97,80,35,125**	**-97,80,35,125**	**0**	**0**	
		Total Exclusion (B)	**- 93,48,27,846**	**- 4,31,55,779**	**- 97,79,83,625**	**- 97,80,35,125**	**51,500**	**-**	
		Grand Total (A+B)	**70,84,68,708**	**- 4,27,74,572**	**66,56,94,137**	**- 89,98,05,839**	**1,56,54,99,976**	**-**	

(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

ANNEXURE-IA-1

Summary of Gross Block Reconciliation (2023-24)

Amount in Rs

Sr. No.	Particular	Total	Stage I	Stage II
1	Closing Gross Block as per Books as on **31.03.2024**	**35,23,84,13,716.41**	2,78,54,45,441.02	32,45,29,68,275.32
2	Opening Gross Block as per Books as on **01.04.2023**	**34,42,85,09,298.54**	2,68,40,09,731.61	31,74,44,99,566.93
3	Total Addition During the Year as per books (Ind-AS) **(1-2)**	**80,99,04,417.80**	10,14,35,709.41	70,84,68,708.39
4	Ind-AS Adjustment	**-5,47,56,214.18**	-1,19,81,642.52	-4,27,74,571.66
5	**Total Addition During the Year (3+4) (IGAAP) Barauni**	**75,51,48,203.62**	**8,94,54,066.89**	**66,56,94,136.73**

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Location: NTPC LTD.

PART-I
FORM- 10

Name of the Petitioner	**NTPC Limited**
Name of the Generating Station	**Barauni-II TPS (2 x 250 MW)**
Date of Commercial Operation	**01-11-2021**

Amount in Rs Lakh

Financial Year (Starting from COD)1	Actual					Admitted				
	2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
1		3	4	5	6	7	8	9	10	11
Amount capitalised in Work/ Equipment										
Financing Details	**Add cap is proposed to be finance in Debt:Equity ratio of 70:30**									
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan2										
Equity Internal Resources										
Others (Pl. specify)										
Total										

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I

FORM- 11

Calculation of Depreciation

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Barauni TPS Stage-II

(Amount in Rs Lakh)

Sl.No.	Name of the Assets1	**Gross Block as on COD of U# 8 (01.03.2020)**	Depreciation Rates as per CERC's Depreciation Rate Schedule	**Gross block as on (31.03.2020)**	**Gross block as on (31.03.2021)**	**Gross Block as on COD of U# 9 (01.11.2021)**	Depreciation Amount for for U#8 COD (01.03.2020)	Depreciation Amount for U#9 COD (01.11.2021)	**Gross block as on 31.03.2022**	Depreciation 2022-23	**Gross block as on 31.03.2023**	Depreciation for 2023-24
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
1	Freehold Land	-	0	0.00	0.00	0.00	-	-	-	-	-	-
2	Leasehold Land	-	3.34	0.00	0.00	0.00	-	-	2,244.77	74.98	2244.77	74.98
3	Roads, bridges, culverts & helipads	285.35	3.34	285.35	285.35	566.43	9.53	18.92	768.75	25.68	768.75	25.68
4	Main plant	20,667.38	3.34	20667.38	20667.38	30799.79	690.29	1,028.71	30,799.79	1,028.71	30799.79	1,028.71
5	Other Buildings	7,695.50	3.34	7695.50	7826.97	8857.18	257.03	295.83	9,200.59	307.30	8921.11	297.97
6	Temporary erection	18.66	100	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66
7	Water supply, drainage & sewerage	1,445.02	5.28	1445.02	1440.73	1597.80	76.30	84.36	1,638.15	86.49	1640.14	86.60
8	Railway siding	-	5.28	0.00	0.00	948.77	-	50.10	952.42	50.29	4408.24	232.76
9	Plant and machinery	1,50,682.09	5.28	150682.09	150598.60	258376.30	7,956.01	13,642.27	2,60,103.60	13,733.47	265842.04	14,036.46
10	Furniture and fixtures	365.17	6.33	365.17	478.06	506.20	23.12	32.04	513.89	32.53	587.98	37.22
11	Vehicles - Owned	-	9.5	0.00	78.25	77.63	-	7.38	78.25	7.43	95.63	9.09
12	Other Office Equipments	96.54	6.33	96.54	189.42	204.74	6.11	12.96	264.31	16.73	321.83	20.37
13	EDP, WP machines & SATCOM equipment	63.08	15.0	63.08	220.14	244.09	9.46	36.61	248.02	37.20	330.34	49.55
14	Construction equipment	378.41	5.28	378.41	399.02	353.81	19.98	18.68	399.02	21.07	333.20	17.59
15	Electrical installations	2,104.69	5.28	2104.69	1859.59	1973.44	111.13	104.20	2,061.25	108.83	2076.93	109.66
16	Communication equipment	10.65	6.33	10.65	17.44	23.74	0.67	1.50	77.14	4.88	81.14	5.14
17	Hospital equipment	-	5.28	0.00	22.88	46.66	-	2.46	66.51	3.51	68.30	3.61
18	Laboratory and workshop equipment	-	5.28	0.00	7.79	8.90	-	0.47	36.06	1.90	66.28	3.50
19	Software	1.53	15.0	1.53	53.48	53.48	0.23	8.02	53.48	8.02	53.48	8.02
	TOTAL	**1,83,814.08**		**1,83,814.08**	**1,84,163.77**	**3,04,657.63**	**9,178.52**	**15,363.17**	**3,09,524.67**	**15,567.68**	**3,18,658.62**	**16,065.57**
	Weighted Average Rate of Depreciation (%)						**4.99%**	**5.04%**		**5.03%**		**5.04%**

Petitioner

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- 12

Statement of Depreciation

Name of the Company : NTPC Limited

Name of the Power Station : Barauni-II TPS (2 x 250 MW)

(Amount in Rs Lakh)

S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020) COD of U-8	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 (01.11.2021 to 31.03.2022) COD of U-9	2022-23	2023-24
		31	*365*	*214*	*151*	*365*	*366*
1	**2**	**4**	**5**		**6**	**7**	**8**
1	Opening Capital Cost	1,57,063.69	1,62,296.65	1,67,317.29	2,68,304.63	2,78,827.22	2,86,760.17
2	Closing Capital Cost	1,62,296.65	1,67,317.29	1,67,386.26	2,78,827.22	2,86,760.17	3,03,826.15
3	Average Capital Cost	1,59,680.17	1,64,806.97	1,67,351.78	2,73,565.93	2,82,793.70	2,95,293.16
1a	*Cost of IT Equipments & Software included in (1) above	64.61	64.61	197.02	197.02	197.02	284.08
2a	*Cost of IT Equipments & Software included in (2) above	64.61	197.02	197.02	197.02	284.08	333.97
3a	*Average Cost of IT Equipments & Software	64.61	130.82	197.02	197.02	240.55	309.02
4	Freehold land	-	-	-	-	-	-
5	Rate of depreciation	4.99%	4.99%	4.99%	5.04%	5.03%	5.04%
6	Depreciable value	1,43,718.61	1,48,339.36	1,50,636.30	2,46,229.03	2,54,538.38	2,65,794.74
7	Balance useful life at the beginning of the period	25.00	24.92	23.92	24.16	23.75	22.75
8	Remaining depreciable value	1,43,718.61	1,47,664.01	1,41,731.53	2,32,424.84	2,35,033.98	2,32,089.38
9	Depreciation (for the period)	675.34	8,229.42	4,899.43	5,707.09	14,223.23	14,887.57
10	**Depreciation (annualised)**	**7,973.42**	**8,229.42**	**8,356.50**	**13,795.29**	**14,223.23**	**14,887.57**
11	Cumulative depreciation at the end of the period	675.34	8,904.77	13,804.19	19,511.29	33,727.63	48,592.93
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	-	-	-	6.89	22.27	95.38
15	Net Cumulative depreciation at the end of the period after adjustments	675.34	8,904.77	13,804.19	19,504.40	33,705.36	48,497.55

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
1	**State Bank of India-XI - Repayment from 01.10.2022**						
	Gross loan - Opening	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200
	Cumulative repayments of Loans upto previous period	-	-	-	-	-	21,022
	Net loan - Opening	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178
	Increase/ Decrease due to FERV	-	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-	-
	Total	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178
	Repayments of Loans during the period	-	-	-	-	21,022	21,022
	Net loan - Closing	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178	1,47,156
	Average Net Loan	1,89,200	1,89,200	1,89,200	1,89,200	1,78,689	1,57,667
	Rate of Interest on Loan	7.7000%	6.8034%	6.6500%	6.6500%	7.1626%	8.1320%
	Interest on Loan Annualised	14,568	12,872	12,582	12,582	12,799	12,821
2	**HDFC Bank Ltd. VII- Transferred to other Stations in March 2021**						
	Gross loan - Opening	13000.00	13000.00	13000.00	13000.00	13000.00	13000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	13000.00	13000.00	13000.00	13000.00
	Net loan - Opening	13000.00	13000.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	13000.00	13000.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	13000.00			0.00	0.00
	Net loan - Closing	13000.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	13000.00	6500.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	7.4500%	6.3982%	5.9500%	5.9500%	5.9500%	5.9500%
	Interest on Loan Annualised	968.50	415.88	0.00	0.00	0.00	0.00
3	**Axix Bank-II -D6-Transferred to other Stations in March 2021**						
	Gross loan - Opening		0.00	4000.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	4000.00	4000.00	4000.00	4000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	4000.00	0.00	0.00	0.00	0.00
	Total	0.00	4000.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	4000.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.0000%	6.3913%	6.3000%	6.3000%	6.3000%	6.3000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
4	**Axix Bank-II -D8-Repayment from 11.07.2023**						
	Gross loan - Opening		0.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	2500.00	2500.00	2500.00	2500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	2500.00	0.00	0.00	0.00	0.00
	Total	0.00	2500.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	2500.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.0000%	6.3000%	6.3000%	6.3000%	6.3000%	6.3000%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
5	**PNB-V-D-4- Repayment from 27-03-2024**						
	Gross loan - Opening		0.00	0.00	4000.00	4000.00	4000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	4000.00	4000.00	4000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	4000.00	0.00	0.00	0.00
	Total	0.00	0.00	4000.00	4000.00	4000.00	4000.00
	Repayments of Loans during the period	0.00	0.00			0.00	333.33
	Net loan - Closing	0.00	0.00	4000.00	4000.00	4000.00	3666.67
	Average Net Loan	0.00	0.00	2000.00	4000.00	4000.00	3833.33
	Rate of Interest on Loan	0.0000%	0.0000%	6.0678%	5.8000%	7.1475%	7.9000%
	Interest on Loan Annualised	0.00	0.00	121.36	232.00	285.90	302.83
6	**HDFC-IX-D-1- Transferred to other Stations March 2021**						
	Gross loan - Opening		0.00	2000.00	2000.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	2000.00	2000.00	2000.00	2000.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	2000.00	0.00	0.00	0.00	0.00
	Total	0.00	2000.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	2000.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.0000%	6.2288%	5.9500%	5.9500%	5.9500%	5.9500%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
7	**HDFC-IX-D-8- Transferred to other Stations March 2021**						
	Gross loan - Opening		0.00	2500.00	2500.00	2500.00	2500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	2500.00	2500.00	2500.00	2500.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	2500.00	0.00	0.00	0.00	0.00
	Total	0.00	2500.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	2500.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	5.9500%	5.9500%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
8	**HDFC-IX-D-10- Repayment from 30-06-2024 Transferred to other Stations March 2021**						
	Gross loan - Opening		0.00	300.00	300.00	300.00	300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	300.00	300.00	300.00	300.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	300.00	0.00	0.00	0.00	0.00
	Total	0.00	300.00	0.00	0.00	0.00	0.00
	Repayments of Loans during the period	0.00	300.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	0.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	5.9500%	5.9500%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	0.00
9	**HDFC IV - Repayment wef 17.4.2021 - Nine instalments**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	500.00	0.00
	Total	0.00	0.00	0.00	0.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00			0.00	71.43
	Net loan - Closing	0.00	0.00	0.00	0.00	500.00	428.57
	Average Net Loan	0.00	0.00	0.00	0.00	250.00	464.29
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	8.0100%	7.9600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	20.03	36.96

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
10	**HDFC-X-D-02 - Repayment wef 24.11.2025**						
	Gross loan - Opening		0.00	0.00	0.00	2000.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	2000.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	2000.00	0.00	0.00
	Total	0.00	0.00	0.00	2000.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	2000.00	2000.00	2000.00
	Average Net Loan	0.00	0.00	0.00	1000.00	2000.00	2000.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.8300%	6.9282%	7.9600%
	Interest on Loan Annualised	0.00	0.00	0.00	58.30	138.56	159.20
11	**HDFC-X-D-03 - Repayment wef 24.11.2025**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	1500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	1500.00	0.00
	Total	0.00	0.00	0.00	0.00	1500.00	1500.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	1500.00	1500.00
	Average Net Loan	0.00	0.00	0.00	0.00	750.00	1500.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	7.0301%	7.9600%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	52.73	119.40
12	**IndusInd Bank - Drawl 01 - Repayment wef 15.07.2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	800.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	800.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	800.00	0.00
	Total	0.00	0.00	0.00	0.00	800.00	800.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	800.00	800.00
	Average Net Loan	0.00	0.00	0.00	0.00	400.00	800.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	7.5365%	8.0664%

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Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	30.15	64.53

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
13	**ICICI Bank Ltd-VII - Drawl 04 - Repayment wef 30.12.2024**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	1200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	1200.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	1200.00	0.00
	Total	0.00	0.00	0.00	0.00	1200.00	1200.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	1200.00	1200.00
	Average Net Loan	0.00	0.00	0.00	0.00	600.00	1200.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	7.7180%	8.0464%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	46.31	96.56
14	**HDFC XII-Drawl 01 - Repayment wef 13.10.2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	1000.00
	Total	0.00	0.00	0.00	0.00	0.00	1000.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	1000.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	500.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	0.0000%	7.6731%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	38.37
15	**HDFC XII-Drawl 03- Repayment wef 13.10.2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	2000.00
	Total	0.00	0.00	0.00	0.00	0.00	2000.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	2000.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	1000.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	0.0000%	7.6939%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	76.94

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
16	**HDFC XII-Drawl 04- Repayment wef 13.10.2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	900.00
	Total	0.00	0.00	0.00	0.00	0.00	900.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	900.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	450.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	0.0000%	7.6737%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	34.53
17	**HDFC XII -Drawl 06 - Repayment wef 13.10.2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	400.00
	Total	0.00	0.00	0.00	0.00	0.00	400.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	400.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	200.00
	Rate of Interest on Loan	0.0000%	5.9500%	5.9500%	5.9500%	0.0000%	7.6194%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	15.24
18	**Bond Series-74 - Repayment 21.4.2036**						
	Gross loan - Opening		0.00	0.00	1500.00	1500.00	1500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	1500.00	1500.00	1500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00		1500.00	0.00	0.00	0.00
	Total	0.00	0.00	1500.00	1500.00	1500.00	1500.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	1500.00	1500.00	1500.00	1500.00
	Average Net Loan	0.00	0.00	750.00	1500.00	1500.00	1500.00

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
	Rate of Interest on Loan	0.0000%	0.0000%	6.9000%	6.9000%	6.9000%	6.9000%
	Interest on Loan Annualised	0.00	0.00	51.75	103.50	103.50	103.50

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
19	**Bond Series-75 (Repayment Sep-2031)**						
	Gross loan - Opening		0.00	0.00	8400.00	8400.00	8400.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	8400.00	8400.00	8400.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	8400.00	0.00	0.00	0.00
	Total	0.00	0.00	8400.00	8400.00	8400.00	8400.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	8400.00	8400.00	8400.00	8400.00
	Average Net Loan	0.00	0.00	4200.00	8400.00	8400.00	8400.00
	Rate of Interest on Loan	0.0000%	0.0000%	6.7200%	6.7200%	6.7200%	6.7200%
	Interest on Loan Annualised	0.00	0.00	282.24	564.48	564.48	564.48
20	**Bond Series-78 (Repayment Aug-2032)**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	500.00	0.00
	Total	0.00	0.00	0.00	0.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	500.00	500.00
	Average Net Loan	0.00	0.00	0.00	0.00	250.00	500.00
	Rate of Interest on Loan	0.0000%	0.0000%	6.7200%	7.4700%	7.4700%	7.4700%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	18.68	37.35
21	**USD 750 Million I Drawl 1 - Repayment wef October 2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	1050.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	1050.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	1050.00	0.00
	Total	0.00	0.00	0.00	0.00	1050.00	1050.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	1050.00	1050.00
	Average Net Loan	0.00	0.00	0.00	0.00	525.00	1050.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	4.2808%	6.5323%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	22.47	68.59

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
22	**USD 750 Million I Drawl II - Repayment wef October 2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	4625.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	4625.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	4625.00	0.00
	Total	0.00	0.00	0.00	0.00	4625.00	4625.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	4625.00	4625.00
	Average Net Loan	0.00	0.00	0.00	0.00	2312.50	4625.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	5.0849%	6.5323%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	117.59	302.12
23	**USD 750 Million I Drawl III - Repayment wef October 2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	500.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	500.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	500.00	0.00
	Total	0.00	0.00	0.00	0.00	500.00	500.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	500.00	500.00
	Average Net Loan	0.00	0.00	0.00	0.00	250.00	500.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	5.5927%	6.5323%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	13.98	32.66
24	**USD 750 Million I Drawl IV - Repayment wef October 2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	1300.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	1300.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	1300.00	0.00
	Total	0.00	0.00	0.00	0.00	1300.00	1300.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	1300.00	1300.00
	Average Net Loan	0.00	0.00	0.00	0.00	650.00	1300.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	5.8303%	6.5353%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	37.90	84.96

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
25	**USD 750 Million I Drawl VI - Repayment wef October 2026**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	2000.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	2000.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	2000.00	0.00
	Total	0.00	0.00	0.00	0.00	2000.00	2000.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	2000.00	2000.00
	Average Net Loan	0.00	0.00	0.00	0.00	1000.00	2000.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	5.8303%	6.5353%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	58.30	130.71
26	**JPY Equ. $400 Million Drawl I - Repayment wef August 2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	700.00
	Total	0.00	0.00	0.00	0.00	0.00	700.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	700.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	350.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	1.2085%
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	4.23
27	**JPY Equ. $400 Million Drawl IV - Repayment wef Aug 2027**						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	400.00
	Total	0.00	0.00	0.00	0.00	0.00	400.00
	Repayments of Loans during the period	0.00	0.00			0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	0.00	400.00
	Average Net Loan	0.00	0.00	0.00	0.00	0.00	200.00
	Rate of Interest on Loan	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	1.2222%

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.

Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
	Interest on Loan Annualised	0.00	0.00	0.00	0.00	0.00	2.44

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Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
	TOTAL LOAN						
	Gross loan - Opening	2,02,200	2,02,200	2,13,500	2,27,400	2,29,400	2,43,375
	Cumulative repayments of Loans upto previous period	-	-	24,300	24,300	24,300	45,322
	Net loan - Opening	2,02,200	2,02,200	1,89,200	2,03,100	2,05,100	1,98,053
	Increase/ Decrease due to FERV	-	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	11,300	13,900	2,000	13,975	5,400
	Total	2,02,200	2,13,500	2,03,100	2,05,100	2,19,075	2,03,453
	Repayments of Loans during the period	-	24,300	-	-	21,022	21,427
	Net loan - Closing	2,02,200	1,89,200	2,03,100	2,05,100	1,98,053	1,82,026
	Average Net Loan	2,02,200	1,95,700	1,96,150	2,04,100	2,01,576	1,90,039
	Rate of Interest on Loan	7.6839%	6.7899%	6.6465%	6.6340%	7.0987%	7.9441%
	Interest on Loan Annualised	15,537	13,288	13,037	13,540	14,309	15,097
1	**State Bank of India-XI - D00006- Repayment from 01.10.2022**						
	Gross loan - Opening	185000	185000	185000	185000	185000	185000
	Cumulative repayments of Loans upto previous period	0	0	0	0	0	20556
	Net loan - Opening	185000	185000	185000	185000	185000	164444
	Increase/ Decrease due to FERV	0	0	0	0	0	0
	Increase/ Decrease due to ACE/Drawl during the period	0	0	0	0	0	0
	Total	185000	185000	185000	185000	185000	164444
	Repayments of Loans during the period	0	0			20556	20556
	Net loan - Closing	185000	185000	185000	185000	164444	143889
	Average Net Loan	185000.00	185000.00	185000.00	185000.00	174722.22	154166.67
	Rate of Interest on Loan	7.7000%	6.8034%	6.6500%	6.6500%	7.1626%	8.1320%
	Interest on Loan Annualised	14245.00	12586.29	12302.50	12302.50	12514.66	12536.78
2	**State Bank of India-XI -D00008- Repayment from 01.10.2022**						
	Gross loan - Opening	4,200	4200.00	4200.00	4200.00	4200.00	4200.00
	Cumulative repayments of Loans upto previous period	0.00	0.00	0.00	0.00	0.00	466.67
	Net loan - Opening	4200.00	4200.00	4200.00	4200.00	4200.00	3733.33
	Increase/ Decrease due to FERV	0.00	0.00	0.00	0.00	0.00	0.00
	Increase/ Decrease due to ACE/Drawl during the period	0.00	0.00	0.00	0.00	0.00	0.00
	Total	4200.00	4200.00	4200.00	4200.00	4200.00	3733.33
	Repayments of Loans during the period	0.00	0.00			466.67	466.67
	Net loan - Closing	4200.00	4200.00	4200.00	4200.00	3733.33	3266.67
	Average Net Loan	4200.00	4200.00	4200.00	4200.00	3966.67	3500.00
	Rate of Interest on Loan	7.7000%	6.8034%	6.6500%	6.6500%	7.1626%	8.1320%
	Interest on Loan Annualised	323.40	285.74	279.30	279.30	284.12	284.62
2	**State Bank of India-XI -TOTAL- Repayment from 01.10.2022**						

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Location: NTPC LTD.

Form -13

Calculation of Interest on Actual Loans

Name of the Company NTPC LTD.
Name of the Power Station Barauni TPS Stage-II

(Rs Lakhs)

Sl. no.	Particulars	2019-20 (01.03.2020-31.03.2020)	2020-21	2021-22 (01.04.2021-30.10.2021)	2021-22 (01.11.2021-31.03.2022)	2022-23	2023-24
	2	3	4	5	6	7	8
	Gross loan - Opening	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200
	Cumulative repayments of Loans upto previous period	-	-	-	-	-	21,022
	Net loan - Opening	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178
	Increase/ Decrease due to FERV	-	-	-	-	-	-
	Increase/ Decrease due to ACE/Drawl during the period	-	-	-	-	-	-
	Total	1,89,200	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178
	Repayments of Loans during the period	-	-	-	-	21,022	21,022
	Net loan - Closing	1,89,200	1,89,200	1,89,200	1,89,200	1,68,178	1,47,156
	Average Net Loan	1,89,200	1,89,200	1,89,200	1,89,200	1,78,689	1,57,667
	Rate of Interest on Loan	7.7000%	6.8034%	6.6500%	6.6500%	7.1626%	8.1320%
	Interest on Loan Annualised	14,568	12,872	12,582	12,582	12,799	12,821

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Location: NTPC LTD.

Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
Axis Bank-II	**40,00,00,000**	08-Apr-20	08-Apr-20	7.45%			Prior to COD							
	25,00,00,000	28-May-20	26-Apr-20	6.7000%			Prior to COD							
			26-May-20	6.3000%			Prior to COD							
HDFC Bank-VII	**1,30,00,00,000**	11-Feb-20	11-Feb-20	7.50%	19	1.425	Prior to COD							
HDFC Bank-VII			01-Mar-20	7.45%	31	2.310	Prior to COD							
HDFC Bank-VII			01-Apr-20	7.4500%	61	4.545	Prior to COD							
HDFC Bank-VII			01-Jun-20	6.3000%	206	12.978	Prior to COD							
HDFC Bank-VII			24-Dec-20	5.9500%	98	5.831	Prior to COD							
HDFC Bank-VII			01-04-2021	5.95%	214	12.733	Prior to COD							
HDFC Bank-VII			01-11-2021	5.95%	151	8.985	Nov 21 to Mar 22							
HDFC Bank-VII			01-04-2022	5.95%	53	3.154	2022-23							
HDFC Bank-VII			24-05-2022	6.35%	31	1.969	2022-23							
HDFC Bank-VII			24-06-2022	6.85%	61	4.179	2022-23							
HDFC Bank-VII			24-08-2022	7.35%	61	4.484	2022-23							
HDFC Bank-VII			24-10-2022	7.85%	61	4.789	2022-23							
HDFC Bank-VII			24-12-2022	8.20%	8	0.656	2022-23							
HDFC Bank-VII			01-01-2023	7.95%	59	4.691	2022-23							
HDFC Bank-VII			01-03-2023	8.01%	31	2.483	2022-23							
HDFC Bank-VII			01-Apr-23	8.01%	61	4.886	2023-24							
HDFC Bank-VII			01-Jun-23	7.95%	305	24.248	2023-24	5.9500%	7.2335%	7.9600%				
			01-Apr-24											
HDFC Bank-IX	**20,00,00,000**		30-06-2020	6.3000%	177	11.151	Prior to COD	5.9500%	7.2335%	7.9600%				
HDFC Bank-IX	**25,00,00,000**		24-12-2020	5.9500%	98	5.831	Prior to COD							
HDFC Bank-IX	**3,00,00,000**		01-04-2021	5.9500%	214	12.733	Prior to COD							
HDFC Bank-IX			01-11-2021	5.9500%	151	8.985	Nov 21 to Mar 22							
HDFC Bank-IX			01-04-2022	5.9500%	53	3.154	2022-23							
HDFC Bank-IX			24-05-2022	6.3500%	31	1.969	2022-23							
HDFC Bank-IX			24-06-2022	6.8500%	61	4.179	2022-23							
HDFC Bank-IX			24-08-2022	7.3500%	61	4.484	2022-23							
HDFC Bank-IX			24-10-2022	7.8500%	61	4.789	2022-23							
HDFC Bank-IX			24-12-2022	8.2000%	8	0.656	2022-23							
HDFC Bank-IX			01-01-2023	7.9500%	59	4.691	2022-23							
HDFC Bank-IX			01-03-2023	8.0100%	31	2.483	2022-23							
HDFC Bank-IX			01-04-2023	8.0100%	61	4.886	2023-24							
HDFC Bank-IX			01-06-2023	7.9500%	305	24.248	2023-24							
HDFC Bank-IX			01-04-2024											

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Location: NTPC LTD.

Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
HDFC X			24-11-2021	5.83%	128	7.462	Nov 21 to Mar 22	5.8300%	6.9282%	7.9600%				
HDFC X			01-04-2022	5.83%	53	3.090	2022-23							
HDFC X			24-05-2022	6.23%	92	5.732	2022-23							
HDFC X			24-08-2022	7.23%	130	9.399	2022-23							
HDFC X			01-01-2023	7.73%	54	4.174	2022-23							
HDFC X			24-02-2023	8.20%	5	0.410	2022-23							
HDFC X			01-03-2023	8.01%	31	2.483	2022-23							
HDFC X			01-Apr-23	8.01%	61	4.886	2023-24							
HDFC X			01-Jun-23	7.95%	305	24.248	2023-24							
			01-Apr-24				0							
HDFC X-D2			02-05-2022	5.83%	22	1.283	2022-23	0.0000%	7.0301%	7.9600%				
HDFC X-D2			24-05-2022	6.23%	92	5.732	2022-23							
HDFC X-D2			24-08-2022	7.23%	130	9.399	2022-23							
HDFC X-D2			01-01-2023	7.73%	54	4.174	2022-23							
HDFC X-D2			24-02-2023	8.20%	5	0.410	2022-23							
HDFC X-D2			01-03-2023	8.01%	31	2.483	2022-23							
HDFC X-D2			01-Apr-23	8.01%	61	4.886	2023-24							
HDFC X-D2			01-Jun-23	7.95%	305	24.248	2023-24							
			01-Apr-24				0							
IndusInd Bank			15-07-2022	6.82%	92	6.274	2022-23	0.0000%	7.5365%	8.0664%				
IndusInd Bank			15-10-2022	7.87%	92	7.240	2022-23							
IndusInd Bank			15-01-2023	8.00%	76	6.080	2022-23							
IndusInd Bank			01-Apr-23	8.00%	14	1.120	2023-24							
IndusInd Bank			15-Apr-23	8.10%	91	7.371	2023-24							
IndusInd Bank			15-Jul-23	8.15%	67	5.461	2023-24							
IndusInd Bank			20-Sep-23	8.00%	91	7.280	2023-24							
IndusInd Bank			20-Dec-23	8.05%	103	8.292	2023-24							
IndusInd Bank			01-Apr-24											
ICICI Bank Ltd-VII			11-07-2022	6.49%	11	0.714	2022-23	0.0000%	7.7180%	8.0464%				
ICICI Bank Ltd-VII			22-07-2022	7.50%	31	2.325	2022-23							
ICICI Bank Ltd-VII			22-08-2022	7.65%	31	2.372	2022-23							
ICICI Bank Ltd-VII			22-09-2022	7.75%	30	2.325	2022-23							
ICICI Bank Ltd-VII			22-10-2022	7.85%	31	2.434	2022-23							
ICICI Bank Ltd-VII			22-11-2022	8.05%	10	0.805	2022-23							
ICICI Bank Ltd-VII			02-12-2022	7.75%	91	7.053	2022-23							
ICICI Bank Ltd-VII			03-03-2023	8.10%	29	2.349	2022-23							
ICICI Bank Ltd-VII			01-Apr-23	8.10%	155	12.555	2023-24							
ICICI Bank Ltd-VII			03-Sep-23	8.15%	10	0.815	2023-24							
ICICI Bank Ltd-VII			13-Sep-23	8.00%	201	16.080	2023-24							
			01-Apr-24											
HDFC Bank Limited-IV			30-03-2023	8.01%	2	0.160	2022-23	0.0000%	8.0100%	7.9600%				
HDFC Bank Limited-IV			01-Apr-23	8.01%	61	4.886	2023-24							
HDFC Bank Limited-IV			01-Jun-23	7.95%	305	24.248	2023-24							
			01-Apr-24											

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
HDFC Bank Ltd-XII-D1			13-10-2023	7.57%	31	2.347	2023-24	0.0000%	0.0000%	7.6731%				
HDFC Bank Ltd-XII-D1			13-11-2023	7.71%	30	2.313	2023-24							
HDFC Bank Ltd-XII-D1			13-12-2023	7.78%	31	2.412	2023-24							
HDFC Bank Ltd-XII-D1			13-01-2024	7.70%	31	2.387	2023-24							
HDFC Bank Ltd-XII-D1			13-02-2024	7.65%	29	2.219	2023-24							
HDFC Bank Ltd-XII-D1			13-03-2024	7.60%	19	1.444	2023-24							
			01-Apr-24											
HDFC Bank Ltd-XII-D2			01-12-2023	7.71%	12	0.925	2023-24	0.0000%	0.0000%	7.6939%				
HDFC Bank Ltd-XII-D2			13-12-2023	7.78%	31	2.412	2023-24							
HDFC Bank Ltd-XII-D2			13-01-2024	7.70%	31	2.387	2023-24							
HDFC Bank Ltd-XII-D2			13-02-2024	7.65%	29	2.219	2023-24							
HDFC Bank Ltd-XII-D2			13-03-2024	7.60%	19	1.444	2023-24							
			01-Apr-24											
HDFC Bank Ltd-XII-D3			01-01-2024	7.78%	12	0.934	2023-24	0.0000%	0.0000%	7.6737%				
HDFC Bank Ltd-XII-D3			13-01-2024	7.70%	31	2.387	2023-24							
HDFC Bank Ltd-XII-D3			13-02-2024	7.65%	29	2.219	2023-24							
HDFC Bank Ltd-XII-D3			13-03-2024	7.60%	19	1.444	2023-24							
			01-Apr-24											
HDFC Bank Ltd-XII-D4			01-03-2024	7.65%	12	0.918	2023-24	0.0000%	0.0000%	7.6194%				
HDFC Bank Ltd-XII-D4			13-03-2024	7.60%	19	1.444	2023-24							
			01-Apr-24											
PNB-V	**40,00,00,000**	14-Jul-21	14-Jul-21	5.70%	69	3.933	Prior to COD	5.8000%	7.1475%	7.9000%				
PNB-V			21-Sep-21	5.80%	41	2.378	Prior to COD							
PNB-V			01-Nov-21	5.80%	151	8.758	Nov 21 to Mar 22							
PNB-V			01-Apr-22	5.80%	81	4.698	2022-23							
PNB-V			21-Jun-22	6.70%	72	4.824	2022-23							
PNB-V			01-Sep-22	7.20%	30	2.160	2022-23							
PNB-V			01-Oct-22	7.70%	92	7.084	2022-23							
PNB-V			01-Jan-23	8.05%	59	4.750	2022-23							
PNB-V			01-Mar-23	8.30%	31	2.573	2022-23							
PNB-V			01-Apr-23	7.90%	366	28.914	2023-24							
			01-Apr-24											

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Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
State Bank of India-XI	**18,50,00,00,000**	21-Dec-18	21-Dec-18	8.30%	21	1.743	Prior to COD	6.6500%	7.1626%	8.1320%				
State Bank of India-XI	**42,00,00,000**	22-May-19	11-Jan-19	8.35%	90	7.515	Prior to COD							
State Bank of India-XI			11-Apr-19	8.30%	91	7.553	Prior to COD							
State Bank of India-XI			11-Jul-19	8.20%	92	7.544	Prior to COD							
State Bank of India-XI			11-Oct-19	7.85%	92	7.222	Prior to COD							
State Bank of India-XI			11-Jan-20	7.75%	21	1.628	Prior to COD							
State Bank of India-XI			01-Feb-20	7.70%	60	4.620	Prior to COD							
State Bank of India-XI			01-Apr-20	7.70%	10	0.770	Prior to COD							
State Bank of India-XI			11-Apr-20	7.15%	91	6.507	Prior to COD							
State Bank of India-XI			11-Jul-20	6.65%	264	17.556	Prior to COD							
State Bank of India-XI			01-04-2021	6.65%	214	14.231	Prior to COD							
State Bank of India-XI			01-11-2021	6.65%	151	10.042	Nov 21 to Mar 22							
State Bank of India-XI			01-04-2022	6.65%	101	6.717	2022-23							
State Bank of India-XI			11-07-2022	7.05%	82	5.781	2022-23							
State Bank of India-XI			01-10-2022	7.05%	10	0.705	2022-23							
State Bank of India-XI			11-10-2022	7.35%	126	9.261	2022-23							
State Bank of India-XI			14-02-2023	8.00%	46	3.680	2022-23							
State Bank of India-XI			01-Apr-23	8.00%	10	0.800	2023-24							
State Bank of India-XI			11-Apr-23	8.10%	183	14.823	2023-24							
State Bank of India-XI			11-Oct-23	8.15%	92	7.498	2023-24							
State Bank of India-XI			11-Jan-24	8.20%	81	6.642	2023-24							
State Bank of India-XI			01-Apr-24											
Total	**21,75,00,00,000**													

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Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
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)**	**No of days**	**Product**	**Loan Proportion**	**Nov 21 to Mar 22**	**2022-23**	**2023-24**
USD 750 Million Drawl I	25-04-2022	24-07-2022	2.12913%	0		Act/360	2022-23	2.129130%	91	1.7024964	86.6667%			
USD 750 Million Drawl I	25-07-2022	24-10-2022	3.72092%	0		Act/360	2022-23	3.720920%	92	3.0080204	86.6667%			
USD 750 Million Drawl I	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	158	7.8774559	86.6667%			
USD 750 Million Drawl I	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	24	1.1998539	86.6667%			
USD 750 Million Drawl I	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	183	10.107284	86.6667%			
USD 750 Million Drawl I	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	159	9.273128	86.6667%			
USD 750 Million Drawl I	25-04-2022	24-07-2022	2.04913%	5.46000%	100.00000%	Act/360	2022-23	2.167474%	91	0.2666408	13.3334%			
USD 750 Million Drawl I	25-07-2022	24-10-2022	3.64092%	5.46000%	100.00000%	Act/360	2022-23	3.851195%	92	0.478977	13.3334%			
USD 750 Million Drawl I	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	158	1.2638401	13.3334%			
USD 750 Million Drawl I	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	24	0.1925017	13.3334%			
USD 750 Million Drawl I	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	183	1.6447789	13.3334%			
USD 750 Million Drawl I	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	159	1.4907964	13.3334%	0	4.28080%	6.53230%
USD 750 Million Drawl II	29-07-2022	24-10-2022	3.75674%	0		Act/360	2022-23	3.756740%	88	2.9049351	86.6667%			
USD 750 Million Drawl II	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	158	7.8774559	86.6667%			
USD 750 Million Drawl II	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	24	1.1998539	86.6667%			
USD 750 Million Drawl II	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	183	10.107284	86.6667%			
USD 750 Million Drawl II	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	159	9.273128	86.6667%			
USD 750 Million Drawl II	29-07-2022	24-10-2022	3.67674%	5.46000%	100.00000%	Act/360	2022-23	3.889084%	88	0.4626593	13.3334%			
USD 750 Million Drawl II	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	158	1.2638401	13.3334%			
USD 750 Million Drawl II	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	24	0.1925017	13.3334%			
USD 750 Million Drawl II	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	183	1.6447789	13.3334%			
USD 750 Million Drawl II	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	159	1.4907964	13.3334%			
USD 750 Million Drawl II Weighted Average rate													5.08490%	6.53230%
USD 750 Million Drawl III	28-09-2022	24-10-2022	4.41820%	0		Act/360	2022-23	4.418200%	27	1.0482184	86.6667%			
USD 750 Million Drawl III	25-10-2022	31-03-2023	5.67396%	0		Act/360	2022-23	5.673960%	158	7.8774559	86.6667%			
USD 750 Million Drawl III	01-04-2023	24-04-2023	5.67396%	0		Act/360	2023-24	5.673960%	24	1.1998539	86.6667%			
USD 750 Million Drawl III	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	183	10.107284	86.6667%			
USD 750 Million Drawl III	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	159	9.273128	86.6667%			
USD 750 Million Drawl III	28-09-2022	24-10-2022	4.06820%	5.46000%	100.00000%	Act/360	2022-23	4.303152%	27	0.1570647	13.3333%			
USD 750 Million Drawl III	25-10-2022	31-03-2023	5.59396%	5.46000%	100.00000%	Act/360	2022-23	5.917030%	158	1.2638306	13.3333%			
USD 750 Million Drawl III	01-04-2023	24-04-2023	5.59396%	5.46000%	100.00000%	Act/360	2023-24	5.917030%	24	0.1925002	13.3333%			
USD 750 Million Drawl III	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	183	1.6447666	13.3333%			
USD 750 Million Drawl III	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	159	1.4907852	13.3333%		5.59270%	6.53230%
USD 750 Million Drawl III Weighted Average rate														
USD 750 Million Drawl IV	09-11-2022	31-03-2023	5.71764%	0		Act/360	2022-23	5.717640%	143	7.1844821	86.6667%			
USD 750 Million Drawl IV	01-04-2023	24-04-2023	5.71764%	0		Act/360	2023-24	5.717640%	24	1.2090907	86.6667%			
USD 750 Million Drawl IV	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	183	10.107284	86.6667%			
USD 750 Million Drawl IV	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	159	9.273128	86.6667%			
USD 750 Million Drawl IV	09-11-2022	31-03-2023	5.63764%	5.46000%	100.00000%	Act/360	2022-23	5.963232%	143	1.1527783	13.3333%			
USD 750 Million Drawl IV	01-04-2023	24-04-2023	5.63764%	5.46000%	100.00000%	Act/360	2023-24	5.963232%	24	0.1940033	13.3333%			
USD 750 Million Drawl IV	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	183	1.6447666	13.3333%			
USD 750 Million Drawl IV	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	159	1.4907852	13.3333%			
USD 750 Million Drawl IV Weighted Average rate													5.83030%	6.53530%

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Location: NTPC LTD.

Name of the Company NTPC LTD. **Interest Rate**
Name of the Power Station Barauni TPS Stage-II

Name of the Bank	Drawl Amount	Drawl Date	Interest Details		No of days	Product	Fin Year	Nov 21 to Mar 2	2022-23	2023-24				
			w.e.f.	ROI										
USD 750 Million Drawl VI	08-02-2023	31-03-2023	5.71764%	0		Act/360	2022-23	5.717640%	52	2.612539	86.6667%			
USD 750 Million Drawl VI	01-04-2023	24-04-2023	5.71764%	0		Act/360	2023-24	5.717640%	24	1.2090907	86.6667%			
USD 750 Million Drawl VI	25-04-2023	24-10-2023	6.26834%	0		Act/360	2023-24	6.268340%	183	10.107284	86.6667%			
USD 750 Million Drawl VI	25-10-2023	31-03-2024	6.61909%	0		Act/360	2023-24	6.619090%	159	9.273128	86.6667%			
USD 750 Million Drawl VI	08-02-2023	31-03-2023	5.63764%	5.46000%	100.00000%	Act/360	2022-23	5.963232%	52	0.4191921	13.3333%			
USD 750 Million Drawl VI	01-04-2023	24-04-2023	5.63764%	5.46000%	100.00000%	Act/360	2023-24	5.963232%	24	0.1940033	13.3333%			
USD 750 Million Drawl VI	25-04-2023	24-10-2023	6.26834%	5.46000%	100.00000%	Act/360	2023-24	6.630358%	183	1.6447666	13.3333%			
USD 750 Million Drawl VI	25-10-2023	31-03-2024	6.53909%	5.46000%	100.00000%	Act/360	2023-24	6.916744%	159	1.4907852	13.3333%		5.83030%	6.53530%
USD 750 Million Drawl VI Weighted Average rate														
JPY Equ. $400 Million Drawl	15-05-2023	14-11-2023	1.20000%	0		Act/365	2023-24	1.200000%	184	2.2140493	100.0000%			
JPY Equ. $400 Million Drawl	15-11-2023	31-03-2024	1.21218%	0		Act/365	2023-24	1.212180%	138	1.6773914	100.0000%		0.00000%	1.20850%
JPY Equ. $400 Million Drawl I Weighted Average rate														
JPY Equ. $400 Million Drawl	22-12-2023	31-03-2024	1.21886%	0		Act/365	2023-24	1.218860%	101	1.2344213	100.0000%		0.00000%	1.22220%
JPY Equ. $400 Million Drawl IV Weighted Average rate														

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Location: NTPC LTD.

FORM- 15 :

Details of Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited

Name of the Generating Station Barauni Stage-II (2 x 250 MW)

S. No.	Month	Unit	Aug-21				Sep-21				Oct-21			
			Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported
A)	**OPENING QUANTITY**													
1	Opening Quantity of Coal	(MT)	87799.04	52.66	0.00	0.00	20201.91	809.77	0.00	0.00	3954.76	438.48	0.00	0.00
2	Value of Stock	(Rs.)	317967667.23	221710.26	0.00	0.00	73051138.13	3797851.56	0.00	0.00	14366186.28	1778260.47	0.00	0.00
B)	**QUANTITY**													
3	Quantity of Coal supplied by Coal Company	(MT)	26379.91	19326.73	0.00	0.00	28902.77	56127.73	0.00	0.00	67695.88	49211.01	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-582.66	0.00	0.00	0.00	-1252.72	0.00	0.00	0.00	-2709.62	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	25797.25	19326.73	0.00	0.00	27650.05	56127.73	0.00	0.00	64986.26	49211.01	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	206.38	154.61	0.00	0.00	221.20	449.02	0.00	0.00	519.89	393.69	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	25590.87	19172.12	0.00	0.00	27428.85	55678.71	0.00	0.00	64466.37	48817.32	0.00	0.00
C)	**PRICE**													
8	Amount charged by the Coal Company	(Rs.)	65325698.00	64122936.00	0.00	0.00	71525621.00	158103038.00	0.00	0.00	168493425.00	128923492.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-1442577.89	4106750.74	0.00	0.00	-3102008.79	11377427.60	0.00	0.00	-6761640.06	-13552731.26	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	2748801.66	2059341.50	0.00	0.00	2809631.38	5703361.53	0.00	0.00	8936390.40	6767104.27	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	66631921.77	70289028.23	0.00	0.00	71233243.59	175183827.13	0.00	0.00	170668175.34	122137865.00	0.00	0.00
D)	**TRANSPORATION**													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		24501275.00	18962564.08	0.00	0.00	27751409.00	48099912.47	0.00	0.00	64651124.00	49475311.00	0.00	0.00
	By Road		893268.26	669216.85	0.00	0.00	957424.22	1943506.37	0.00	0.00	1448627.09	1096976.54	0.00	0.00
	By Ship													
	……..													
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	29489.62	22092.97	0.00	0.00	31607.61	64161.30	0.00	0.00	165209.04	125104.97	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	25424032.87	19653873.90	0.00	0.00	28740440.83	50107580.14	0.00	0.00	66264960.14	50697392.50	0.00	0.00
17	Other Charges	(Rs.)				0.00				0.00				0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	92055954.64	89942902.13	0.00	0.00	99973684.42	225291407.27	0.00	0.00	236933135.48	172835257.50	0.00	0.00
E)	**TOTAL COST**													
19	Landed cost of Coal (2+18)/(1+7)	Rs./MT	**3616.05**	**4690.02**	**0.00**	**0.00**	**3632.63**	**4055.50**	**0.00**	**0.00**	**3672.83**	**3545.03**	**0.00**	**0.00**
20	Blending Ratio		87.00%	13.00%	0.00%	0.00%	44.61%	55.39%	0.00%	0.00%	65.00%	35.00%	0.00%	0.00%
21	**Weighted average cost of Coal**	**Rs./MT**		**3755.67**				**3866.86**				**3628.10**		
F)	**QUALITY**													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4602.00	5015.00	0.00		4602.00	4786.00	0.00		4602.00	5061.00	0.00	
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601.00	4785.00	0.00		4601.00	5065.00	0.00		4601.00	4509.00	0.00	
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
26	**Weighted average GCV of coal as Billed**	**(kCal/Kg)**		**4626.00**				**4856.00**				**4571.00**		
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4112.00	3725.00	0.00		4039.00	4107.00	0.00		3988.00	3391.00	0.00	
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3812.00	4108.00	0.00		3932.00	3381.00	0.00		3869.00	3262.00	0.00	
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0.00				0.00				0.00
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00				0.00				0.00
31	**Weighted average GCV of coal as Received**	**(kCal/Kg)**		**4048.00**				**3656.00**				**3661.00**		

Petitioner

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Location: NTPC LTD.

PART-I

FORM- 15A

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company :	**NTPC Ltd**
Name of the Power Station :	**Barauni Stage-II (2 x 250 MW)**

Sl.No.	Month	Unit	Aug-21	Sep-21	Oct-21
A	**Opening Quantity**				
1	Opening Stock	**KL**	3,937.38	3,811.38	3,452.38
2	Value of Opening Stock	**Rs**	17,61,03,962	17,04,68,469	15,44,11,787
B)	**Quantity**				
3	Quantity of Oil supplied by Oil Company	**KL**	-	-	2,969.16
4	Adjustment(+/-) in quantity supplied made by Oil Company	**KL**	-	-	-
5	Oil supplied by Oil Company (3+4)	**KL**	-	-	2,969.16
6	Normative Transit & Handling Losses for Coal /Lignite based projects)	**KL**	-	-	-
7	Net Oil Supplied (5-6)	**KL**	-	-	2,969.16
C	**Price**				
8	Amount charged by the Oil Company	**(Rs)**	-	-	17,59,82,641
9	Adjustment(+/-) in amount charged made by Oil Company	**(Rs)**	-	-	-
10	Handling, Sampling and such other similar charges				
11	Total amount charged (8+9+10)	**(Rs)**	-	-	17,59,82,641
D	**Transportation**				
12	Transportation charges by rail / ship / road transport	**(Rs)**	-	-	-
	By Rail		Inclusive	Inclusive	Inclusive
	By Road				
	By Ship				
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	**(Rs)**			
14	Demurrage Charges, if any	**(Rs)**			
15	Total Transportation Charges (12+13+14+15)	**(Rs)**			
16	Others Charges	**(Rs.)**	-	-	-
17	Total amount Charged for Oil supplied including Transportation (11+15+16)	**(Rs)**	-	-	17,59,82,641
E	**Total Cost**				
18	Weighted average cost of Oil	**(Rs/KL)**	**44,726.13**	**44,726.13**	**51,450.93**
F	**Quantity**				
19	GCV of Oil of the opening stock	**Kcal/KL**	9,514.00	9,514.00	9,514.00
20	Weighted average GCV of Oil	**Kcal/KL**	**9,514.00**	**9,514.00**	**9,409.00**

(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner:		**NTPC Limited**												
Name of the Generating Station		**Barauni Stage-II (2 x 250 MW)**												
S. No.	**Month**	**Unit**	**Oct-21**				**Nov-21**				**Dec-21**			
			Domestic (NTPC Mines)	**Domestic (Other Sources)**	**E-Auction**	**Imported**	**Domestic (NTPC Mines)**	**Domestic (Other Sources)**	**E-Auction**	**Imported**	**Domestic (NTPC Mines)**	**Domestic (Other Sources)**	**E-Auction**	**Imported**
A)	**OPENING QUANTITY**													
1	Opening Quantity of Coal	(MT)	3954.76	438.48	0.00	0.00	2227.13	2364.80	0.00	0.00	11806.31	39879.49	0.00	0.00
2	Value of Stock	(Rs.)	14366186.28	1778260.47	0.00	0.00	8179890.45	8383307.00	0.00	0.00	42343448.51	161104020.94	0.00	0.00
B)	**QUANTITY**													
3	Quantity of Coal supplied by Coal Company	(MT)	67695.88	49211.01	0.00	0.00	164795.54	37817.23	0.00	0.00	151664.57	38290.82	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-2709.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28078.34	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	64986.26	49211.01	0.00	0.00	164795.54	37817.23	0.00	0.00	123586.23	38290.82	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	519.89	393.69	0.00	0.00	1318.36	302.54	0.00	0.00	988.69	306.33	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	64466.37	48817.32	0.00	0.00	163477.18	37514.69	0.00	0.00	122597.54	37984.49	0.00	0.00
C)	**PRICE**													
8	Amount charged by the Coal Company	(Rs.)	168493425.00	128923492.00	0.00	0.00	401405794.00	97401290.50	0.00	0.00	368347707.33	117926877.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-6761640.06	-13552731.26	0.00	0.00	0.00	8051449.55	0.00	0.00	-67893458.48	-5883051.41	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	8936390.40	6767104.27	0.00	0.00	22138167.09	5080259.80	0.00	0.00	18118931.28	5613802.85	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	170668175.34	122137865.00	0.00	0.00	423543961.09	110532999.85	0.00	0.00	318573180.13	117657628.44	0.00	0.00
D)	**TRANSPORATION**													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		64651124.00	49475311.00	0.00	0.00	158483851.00	41248580.00	0.00	0.00	145690296.32	40349343.00	0.00	0.00
	By Road		1448627.09	1096976.54	0.00	0.00	3673503.97	842994.56	0.00	0.00	2754895.61	853551.49	0.00	0.00
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	165209.04	125104.97	0.00	0.00	418945.69	96139.53	0.00	0.00	314182.77	97343.50	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	66264960.14	50697392.50	0.00	0.00	162576300.66	42187714.09	0.00	0.00	148759374.70	41300237.99	0.00	0.00
17	Other Charges	(Rs.)				0.00				0.00				0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	236933135.48	172835257.50	0.00	0.00	586120261.75	152720713.94	0.00	0.00	467332554.83	158957866.43	0.00	0.00
E)	**TOTAL COST**													
19	Landed cost of Coal (2+18)/(1+7)	Rs./MT	**3672.83**	**3545.03**	**0.00**	**0.00**	**3586.51**	**4039.77**	**0.00**	**0.00**	**3792.12**	**4110.53**	**0.00**	**0.00**
20	Blending Ratio		65.00%	35.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	57.00%	43.00%	0.00%	0.00%
21	**Weighted average cost of Coal**	**Rs./MT**		**3628.10**				**3586.51**				**3929.04**		
F)	**QUALITY**													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4602.00	5061.00	0.00		4601.00	4514.00	0.00		4601.00	4484.00	0.00	
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601.00	4509.00	0.00		4601.00	4479.00	0.00		4601.00	5051.00	0.00	
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
26	**Weighted average GCV of coal as Billed**	**(kCal/Kg)**		**4571.00**				**4601.00**				**4664.00**		
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3988.00	3391.00	0.00		3876.00	3263.00	0.00		3826.00	3546.00	0.00	
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3869.00	3262.00	0.00		3825.00	3592.00	0.00		4181.00	3825.00	0.00	
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0.00				0.00				0.00
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00				0.00				0.00
31	**Weighted average GCV of coal as Received**	**(kCal/Kg)**		**3661.00**				**3826.00**				**3946.00**		

Petitioner

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I

FORM- 15A

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company :	**NTPC Ltd**
Name of the Power Station :	**Barauni Stage-II (2 x 250 MW)**

Sl.No.	Month	Unit	Oct-21	Nov-21	Dec-21
			LDO	LDO	LDO
A	**Opening Quantity**				
1	Opening Stock	KL	3,452.38	5,896.54	5,133.54
2	Value of Opening Stock	Rs	15,44,11,787.11	30,33,82,688.00	26,41,25,626.00
B)	**Quantity**				
3	Quantity of Oil supplied by Oil Company	KL	2,969.16	-	-
4	Adjustment(+/-) in quantity supplied made by Oil Company	KL	-	-	-
5	Oil supplied by Oil Company (3+4)	KL	2,969.16	-	-
6	Normative Transit & Handling Losses for Coal /Lignite based projects)	KL	-	-	-
7	Net Oil Supplied (5-6)	KL	2,969.16	-	-
C	**Price**				
8	Amount charged by the Oil Company	(Rs)	17,59,82,640.61	-	
9	Adjustment(+/-) in amount charged made by Oil Company	(Rs)	-	-	-
10	Handling, Sampling and such other similar charges				
11	Total amount charged (8+9+10)	(Rs)	17,59,82,640.61	-	-
D	**Transportation**				
12	Transportation charges by rail / ship / road transport	(Rs)	-	-	-
	By Rail		Inclusive	Inclusive	Inclusive
	By Road				
	By Ship				
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)			
14	Demurrage Charges, if any	(Rs)			
15	Total Transportation Charges (12+13+14+15)	(Rs)			
16	Others Charges	(Rs.)	-	-	-
17	Total amount Charged for Oil supplied including Transportation (11+15+16)	(Rs)	17,59,82,640.61	-	-
E	**Total Cost**				
18	Weighted average cost of Oil	(Rs/KL)	51,450.93	51,450.93	51,450.93
F	**Quantity**				
19	GCV of Oil of the opening stock	Kcal/KL	9,514.00	9,409.00	9,409.00
20	Weighted average GCV of Oil	Kcal/KL	**9,409.00**	**9,409.00**	**9,409.00**

(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

FORM- 15

Details of Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited

Name of the Generating Station Barauni Stage-II (2 x 250 MW)

S. No.	Month	Unit	Oct-22				Nov-22				Dec-22			
			Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported
A)	**OPENING QUANTITY**													
1	Opening Quantity of Coal	(MT)	31536.65	9252.98	0.00	0.00	43386.53	5230.08	0.00	0.00	54268.17	11164.51	0.00	0.00
2	Value of Stock	(Rs.)	108232363.18	54824710.38	0.00	0.00	149334431.75	28505788.28	0.00	0.00	187476804.95	56059889.98	0.00	0.00
B)	**QUANTITY**													
3	Quantity of Coal supplied by Coal Company	(MT)	208367.82	4129.14	0.00	0.00	200616.57	39450.03	0.00	0.00	224486.31	55809.72	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	208367.82	4129.14	0.00	0.00	200616.57	39450.03	0.00	0.00	224486.31	55809.72	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	1666.94	33.03	0.00	0.00	1604.93	315.60	0.00	0.00	1795.89	446.48	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	206700.88	4096.11	0.00	0.00	199011.64	39134.43	0.00	0.00	222690.42	55363.24	0.00	0.00
C)	**PRICE**													
8	Amount charged by the Coal Company	(Rs.)	516149376.00	13806739.00	0.00	0.00	490295180.00	117732871.00	0.00	0.00	553238770.00	173150642.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-11042673.24	0.00	0.00	0.00	-2504259.00	34057704.00	0.00	0.00	-7475925.23	-2142723.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	8266747.78	163818.76	0.00	0.00	11201896.75	2202784.96	0.00	0.00	7962858.16	1979652.50	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	513373450.54	13970557.76	0.00	0.00	498992817.75	153993359.96	0.00	0.00	553725702.93	172987571.50	0.00	0.00
D)	**TRANSPORATION**													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		193241747.00	3859758.00	0.00	0.00	182855307.00	39044310.00	0.00	0.00	206699783.00	46816307.00	0.00	0.00
	By Road		4948865.18	98069.64	0.00	0.00	5901367.68	1160468.11	0.00	0.00	7305464.28	1816217.28	0.00	0.00
	By Ship													
	……..													
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	206179.13	4085.77	0.00	0.00	313716.38	61690.42	0.00	0.00	500694.55	124478.07	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	198396791.31	3961913.41	0.00	0.00	189070391.06	40266468.53	0.00	0.00	214505941.83	48757002.35	0.00	0.00
17	Other Charges	(Rs.)				0.00				0.00				0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	711770241.85	17932471.17	0.00	0.00	688063208.81	194259828.49	0.00	0.00	768231644.76	221744573.85	0.00	0.00
E)	**TOTAL COST**													
19	Landed cost of Coal (2+18)/(1+7)	Rs./MT	**3441.95**	**5450.35**	**0.00**	**0.00**	**3454.64**	**5021.26**	**0.00**	**0.00**	**3450.73**	**4175.77**	**0.00**	**0.00**
20	Blending Ratio		96.00%	4.00%	0.00%	0.00%	85.00%	15.00%	0.00%	0.00%	80.00%	20.00%	0.00%	0.00%
21	**Weighted average cost of Coal**	**Rs./MT**	**3522.29**				**3689.63**				**3595.74**			
F)	**QUALITY**													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4601.00	4663.00	0.00		4601.00	4829.00	0.00		4601.00	4496.00	0.00	
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601.00	5201.00	0.00		4601.00	4452.00	0.00		4601.00	5164.00	0.00	
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
26	**Weighted average GCV of coal as Billed**	**(kCal/Kg)**	**4610.00**				**4585.00**				**4691.00**			
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3555.00	3020.00	0.00		3510.00	2893.00	0.00		3582.00	3376.00	0.00	
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3503.00	2605.00	0.00		3598.00	3440.00	0.00		3761.00	2591.00	0.00	
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0.00				0.00				0.00
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00				0.00				0.00
31	**Weighted average GCV of coal as Received**	**(kCal/Kg)**	**3485.00**				**3551.00**				**3525.00**			

Petitioner

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- 15A

Details of Secondary Fuel for Computation of Energy Charges

Name of the Company :	**NTPC Ltd**
Name of the Power Station :	**Barauni Stage-II (2 x 250 MW)**

Sl.No.	Month	Unit	Oct-22	Nov-22	Dec-22
			LDO	**LDO**	**LDO**
A	**Opening Quantity**				
1	Opening Stock	**KL**	4,440.04	4,248.04	4,040.04
2	Value of Opening Stock	**Rs**	36,35,31,469.00	34,78,11,346.00	33,07,81,211.00
B)	**Quantity**				
3	Quantity of Oil supplied by Oil Company	**KL**	-	-	-
4	Adjustment(+/-) in quantity supplied made by Oil Company	**KL**	-	-	-
5	Oil supplied by Oil Company (3+4)	**KL**	-	-	-
6	Normative Transit & Handling Losses for Coal /Lignite based projects)	**KL**	-	-	-
7	Net Oil Supplied (5-6)	**KL**	-	-	-
C	**Price**				
8	Amount charged by the Oil Company	**(Rs)**	-	-	-
9	Adjustment(+/-) in amount charged made by Oil Company	**(Rs)**	-		-
10	Handling, Sampling and such other similar charges				
11	Total amount charged (8+9+10)	**(Rs)**	-	-	-
D	**Transportation**				
12	Transportation charges by rail / ship / road transport	**(Rs)**	-	-	-
	By Rail		Inclusive	Inclusive	Inclusive
	By Road				
	By Ship				
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	**(Rs)**			
14	Demurrage Charges, if any	**(Rs)**			
15	Total Transportation Charges (12+13+14+15)	**(Rs)**			
16	Others Charges	**(Rs.)**	-	-	-
17	Total amount Charged for Oil supplied including Transportation (11+15+16)	**(Rs)**	-	-	-
E	**Total Cost**				
18	Weighted average cost of Oil	**(Rs/KL)**	81,875.65	81,875.65	81,875.65
F	**Quantity**				
19	GCV of Oil of the opening stock	**Kcal/KL**	9,310.00	9,310.00	9,310.00
20	Weighted average GCV of Oil	**Kcal/KL**	**9,310.00**	**9,310.00**	**9,310.00**

(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Computation of Energy Charges

Form-O (i)
ADDITIONAL FORM

Name of the Company	**NTPC Limited**
Name of the Power Statio	**Barauni-II TPS (2 x 250 MW)**

		2019-20 (01.03.2020 to 31.03.2020) COD of U-8	**2020-21**	**2021-22 (01.04.2021 to 31.10.2021)**	**2021-22 (01.11.2021 to 31.03.2022) COD of U-9**	**2022-23**	**2023-24**
No of Days in the year	Days	365	365	365	365	365	366
Sp. Oil consumption	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5
Auxiliary consumption	%	9.8	9.80	9.80	9.80	9.80	9.8
Heat Rate	Kcal/Kwh	2388.38	2388.38	2388.38	2388.38	2388.38	2388.38
Computation of Variable Charges							
Variable Charge (Coal)	p/kwh	223.069	223.069	283.857	267.607	263.453	277.135
Variable Charge (Oil)	p/kwh	2.791	2.791	2.131	2.604	2.852	4.539
Total	p/kwh	225.860	225.860	285.988	270.210	266.306	281.673
Price of fuel from Form-15/15A (2019-24)							
Coal Cost	(Rs./MT)	3321.89	3321.89	4301.29	3750.21	3714.55	3602.55
Oil Cost	(Rs./KL)	50356.73	50356.73	38434.32	46967.73	51450.93	81875.65
Coal GCV	(kCal/Kg)	4020.57	4020.57	4089.26	3788.33	3811.00	3520.33
Coal GCV (After Adjustment of 85Kcal/kg)	(kCal/Kg)	**3935.57**	**3935.57**	**4004.26**	**3703.33**	**3726.00**	**3435.33**
Oil GCV	(kCal/KL)	9178.00	9178.00	9600.00	9479.00	9409.00	9310.00
Computation of Fuel Expenses for Calculation of IWC:							
ESO in a year	(MUs)	1679.07	1679.07	1679.07	3358.15	3358.15	3367.35
Cost of coal for 50 Days	(Rs. Lakh)	5130.81	5130.81	6529.00	12310.44	12119.39	12748.75
Cost of oil for 2 months	(Rs. Lakh)	78.12	78.12	59.62	145.72	159.63	254.72
Energy Expenses for 45 days	(Rs. Lakh)	4675.51	4675.51	5920.20	11187.19	11025.53	11661.78
Alternate Fuel (p/kwh)		2.518	2.518	1.922	2.348	2.573	4.094
Heat Contribution from SFO / Alternate Fuel		4.589	4.589	4.800	4.740	4.705	4.655
Heat Contribution from coal		2383.791	2383.791	2383.580	2383.641	2383.676	2383.725
Specific Primary Fuel Consumption		0.606	0.606	0.595	0.644	0.640	0.694
Rate of Energy charge from Primary Fuel (p/kwh)		201.208	201.208	256.039	241.381	237.635	249.976
Rate of Energy charge ex-bus (p/kWh)		**225.860**	**225.860**	**285.988**	**270.210**	**266.306**	**281.673**

PETITIONER

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

							PART- 1
							FORM-17
Details of Capital Spares							
Name of the Petitioner		**NTPC Ltd**					
Name of the Generating Station		**Barauni Stage-II (2 x 250 MW)**					
							Amount in Rs Lakhs
2019-24			**Claimed as a part of additional Capitalisation**	**Funded through Compensatory Allowance**	**Funded through Special Allowance (If Applicable)**	**Claimed as a part of stores and spares**	**Justification**
S. No.	**Details of Capital Spares and Expenses**	**Amount in Rs. Lakh**					
	-						
	Total	**-**					

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1

Form -18

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**Barauni Stage-II (2 x 250 MW)**

Non-Tariff Income

S. No.	Parameters	2019-20	2020-21	2021-22	2022-23	2023-24
1.	Income from rent of land or buildings		**11.00**	**35.40**	**22.50**	**24.34**
2.	Income from sale of scrap		**8.22**	**54.84**	**15.84**	**188.88**
3.	Income from advertisements					
	Total	**0.00**	**19.22**	**90.24**	**38.34**	**213.22**

Note- 50% of Total Non-tariff income pertaining to generator has been shown.

Petitioner

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1
FORM- 19

Details of Water Charges

Name of the Petitioner:	**NTPC Ltd**
Name of the Generating Station:	**Barauni Stage-II (2 x 250 MW)**

S. No.	Details of Water charges (excluding water cess)		Quantity allocated	Quantity allocated	Normative consumption	Rate specified (as per govt. notification or agreement)	Spillage of water (in percentage)	Amount Claimed(Rs Lakhs)**
	1	1	2	3	4	5	6	7
	Name of source and quantity: **River Ganga**	Amount (Rs Lakhs)	Unit (Cusecs)	Unit (m3)	Unit (m3)	Unit		
1	2019-20	443.00	60	53727090	13140000	6.375 Cr/ annum	-	
2	2020-21	443.00	60	53727090	13140000	6.375 Cr/ annum	-	
3	2021-22	443.00	60	53727090	13140000	6.375 Cr/ annum	-	
4	2022-23	443.00	60	53727090	13140000	6.375 Cr/ annum	-	1513.82
5	2023-24	443.00	45	40295318	13140000	Rs. 18/ Kilogallon	-	443

##Water Charges based on agreement between WRD, GoB and BSEB/BSPGCL vide letter dated 18.06.2007 i.e. Rs. 6.375 Cr/annum **(attached at Annexure-D**).
** Water Charges aportioned stage wise, the amount Claimed in Col 7 includes arear for previous period.

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1
FORM- 20

Name of the Petitioner	**NTPC Ltd.**	
Name of the Generating Station	**Barauni Stage-II (2 x 250 MW)**	

Details of Statutory Charges

Particulars	**Unit Rate**	**No of Units**	**Amount Claimed**
Electricity Duty	-	-	NIL
Water Cess	-	-	NIL
…			

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

DETAILS OF ASSETS DE-CAPITALISED DURING 2021-22							Part- I
							Form - I
Name of Company		NTPC Ltd.					
Name of Station		Barauni-II TPS (2 x 250 MW)					
COD		01.11.2021					
For Financial Year		2021-22 (01.11.2021-31.03.2022)					Amount in Rs Lakhs
Sl No	Asset description	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised			Year Put to use	Depreciation recovered till date of decapitalization / Remark
			(As per Note 2 of BS)	Ind As Adjust	As per IGAAP		
I. Decap : Part of Capital Cost							
1	Decap of Spares : Part of Capital Cost	Claimed as Add cap	68.82	0.00	68.82	2019-20	6.89
		Subtotal: I	68.82		68.82		6.89
		Total Decapitalisation: Part of capital cost (I)	68.82	0.00	68.82	0.00	6.89
Period	Rate of Depreciation						
2019-20	4.99%						
2020-21	4.99%						
2021-22	5.04%						

(Petitioner)

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Location: NTPC LTD.

DETAILS OF ASSETS DE-CAPITALISED

PART-II
FORM- I
Amount in Lakh

Name of the Petitioner		**NTPC Ltd**					
Name of the Generating Station		**Barauni-II TPS (2 x 250 MW)**					
COD		**01.11.2021**					
For Financial Year		**2022-23**					
Sl No	**Asset description**	**Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)**	**Original Value of the Asset Capitalised**			**Year of Put to use**	**Remark/ Depreciation recovered till date of decapitalization**
			(As per Note 2 of BS)	**Ind As Adjust**	**As per IGAAP**		
Decapitalisation part of capital cost							
I.Decap : Part of capital cost							
1	Decap of spares : part of capital cost	Claimed in add cap	139.69	-	139.69	2019-20	21.01
			21.50	-	21.50	2021-22	1.08
		Sub Total(I)	**161.19**	**-**	**161.19**	**-**	**22.09**
II.Decap of MBOA : Part of capital cost							
1	Decap of EDP,Satcom Equipment etc.	Claimed in add cap	1.20	-	1.20	2019-20	0.18
		Sub Total (II)	**1.20**	**-**	**1.20**	**-**	**0.18**
	Total Decapitalisation: Part of capital cost (I &II)		**162.39**	**-**	**162.39**	**-**	**22.27**
	Period	**Rate of Depreciation**					
	2019-20	4.99%					
	2020-21	4.99%					
	2021-22	5.04%					
	2022-23	5.03%					
	2023-24	5.04%					
							(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

DETAILS OF ASSETS DE-CAPITALISED

PART-II
FORM- I
Amount in Lakh

Name of the Petitioner		**NTPC Ltd**					
Name of the Generating Station		**Barauni Stage-II**					
COD		**01.11.2021**					
For Financial Year		**2023-24**					
Sl No	**Asset description**	**Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)**	**Original Value of the Asset Capitalised**			**Year of Put to use**	**Remark/ Depreciation recovered till date of decapitalization**
			(As per Note 2 of BS)	**Ind As Adjust**	**As per IGAAP**		
Decapitalisation: Part of capital cost							
I.Decap of Capital Spares : Part of capital cost							
1	Decap of Capital Spares: part of capital cost	Claimed in add cap	127.90	-	127.90	2019-20	25.64
			136.80	-	136.80	2021-22	13.76
		Sub Total(I)	**264.70**	**-**	**264.70**	**-**	**39.39**
II.Decap of HMI/DCS system : Part of capital cost							
1	Decap HMI system- U#8	Claimed in add cap	127.55	-	127.55	2019-20	25.57
2	Decap HMI system- U#9	Claimed in add cap	127.25	-	127.25	2021-22	12.79
		Sub Total(II)	**254.80**	**-**	**254.80**	**-**	**38.36**
III.Decap of MBOA : Part of capital cost							
1	Decap of EDP,Satcom Equipment etc.	Claimed in add cap	43.12	0.00	43.12	2019-20	8.64
		Claimed in add cap	31.09	0.00	31.09	2020-21	4.68
2	Decap of Plant & Machinery (P&M)	Claimed in add cap	11.72	9.74	21.46	2019-20	4.30
		Sub Total(III)	**85.93**	**9.74**	**95.68**		**17.63**
IV.Decap IT/office Equipment : Not Part of capital cost							
1	Decap of EDP,Satcom Equipment etc.	Claimed in Exclusion	**1.19**	**-**	**1.19**	2023-24	
		Sub Total (IV)	**1.19**	**-**	**1.19**		**-**
		Total Decapitalisation (I to IV)	**606.63**	**9.74**	**616.37**	**-**	**95.38**
		Period	**Rate of Depreciation**				
	2019-20	4.99%					
	2020-21	4.99%					
	2021-22	5.01%					
	2022-23	5.03%					
	2023-24	5.04%					
							(Petitioner)

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Form -J

Reconciliation of capitalisation claimed vis-à-vis books

Name of the Petitioner		**NTPC LIMITED**							
Name of the Generating Station		**Barauni-II TPS (2 x 250 MW)**							
COD		**01.11.2021**							
									(Amount in Rs. Lakh)
S. No.	**Particulars**	**2019-20 as on CoD of Unit-8 (01.03.2020)**	**2019-20 (01.03.2020-31.03.2020)**	**2020-21**	**2021-22 (01.04.2021-31.10.2021)**	**2021-22 as on CoD of Unit-9 (01.11.2021)**	**2021-22 (01.11.2021-31.03.2022)**	**2022-23**	**2023-24**
1	**2**	3	**4**	**5**		**6**	**7**	**8**	
1	Closing Gross Block as per IND AS		194155.48	1,95,392.77	1,95,392.77	3,16,551.15	3,21,413.78	3,44,285.09	3,52,384.14
2	Add/Less: Adjustments*		1,113.44	347.63	347.63	348.06	352.49	1,213.61	666.05
3	Closing Gross Block as per IGAAP		1,95,268.92	1,95,740.40	1,95,740.40	3,16,899.21	3,21,766.27	3,45,498.70	3,53,050.19
4	Opening Gross Block as per IND AS	194118.13	194118.13	1,94,155.48	1,95,392.77	1,95,392.77	3,16,551.15	3,21,413.76	3,44,285.09
5	Add/Less: Adjustments*	1113.44	1,113.44	1,113.44	347.63	347.63	348.06	352.49	1,213.61
6	Opening Gross Block as per IGAAP	195231.58	1,95,231.57	1,95,268.92	1,95,740.40	1,95,740.40	3,16,899.21	3,21,766.27	3,45,498.70
7	**Total Additions as per books (G = 3 - 6)**	0.00	37.35	471.48	0.00	1,21,158.81	4,867.06	23,732.43	7,551.49
8	Less: Additions pertaining to other Stages (give Stage wise breakup)- **Stage-I**	0.00	37.35	121.78	0	664.96	0	14,598.51	894.54
9	**Net Additions pertaining to instant - Stage-II**	0.00	0.00	349.70	0.00	1,20,493.85	4,867.06	9,133.92	6,656.95
10	Less: Exclusions (items not allowable / not claimed)	0.00	0.00	0.00	0	0.00	0.00	-22.18	-9,779.84
11	**Net Additional Capital Expenditure Claimed (on accrual basis)**	0.00	0.00	349.70	0.00	120493.85	4867.06	9156.1	16436.8
12	**Less: Un-discharged Liabilities (as per IGAAP)**	0.00	0.00	0.00	0.00	36,628.52	5.68	2,975.8	782.3
13	**Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works (as per IGAAP)**	0.00	5232.96	4670.95	68.97	0.00	5661.21	1,752.59	1,411.49
14	**Net Additional Capital Expenditure Claimed (on cash basis)**	0.00	5,232.96	5,020.65	68.97	83,865.33	10,522.59	7,932.92	17,065.98

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- K
Amount in Rs lakh

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner	NTPC Ltd.
Name of the Generating Station	Barauni-II TPS (2 x 250 MW)
Take over Date	01.11.2021
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 IGAAP	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)	(3)	3A	3B = 3+3A	4	5= (3B-4)	(6)	(7)
	-							
	Total Exclusion	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs lakh

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**Barauni-II TPS (2 x 250 MW)**
Take over Date	**01.11.2021**
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 IGAAP	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)		(3)	3A	3B = 3+3A	4	5= (3B-4)	(6)	(7)
Ind AS Adjustment									
1	**Overhauling**								
1.1	**Overhauling (Capitalization)**		590.92	-590.92	0.00	0.00	0.00	0.00	These adjustments are due to change in accounting practices. Therefore, kept under exclusion.
1.2	**Overhauling (Decapitalization)**		-1350.77	1350.77	0.00	0.00	0.00	0.00	
	Subtotal of Ind AS adjustment (1)		**-759.85**	**759.85**	**0.00**	**0.00**	**0.00**	**0.00**	
2	**Inter Unit Transfer**								
2.1	Darlipalli	Plant Equipment	-22.18	0.00	-22.18	0.00	-22.18	0.00	As per practice, the Hon'ble Commission is not considering temporary type transfer in Inter unit transfers for tariff, hence kept under exclusion.
	Total Exclusion (1 to 2)		**-782.03**	**759.85**	**-22.18**	**0.00**	**-22.18**	**0.00**	

Petitioner

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Statement showing items/assets/works claimed under Exclusions

PART-I
FORM- K
Amount in Rs lakh

Name of the Petitioner	**NTPC Ltd.**
Name of the Generating Station	**Barauni-II TPS (2 x 250 MW)**
Take over Date	**01.11.2021**
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 IGAAP	Undischarged Liability included in col. 3	Cash basis	IDC included in col. 3	
(1)	(2)		(3)	3A	3B = 3+3A	4	5= (3B-4)	(6)	(7)
Ind AS Adjustment									
1	Overhauling								These adjustments are due to change in accounting practices. Therefore, kept under exclusion.
1.1	Overhauling (Capitalization)		2055.56	-2055.56	0.00	0.00	0.00	0.00	
1.2	Overhauling (Decapitalization)		-1623.99	1623.99	0.00	0.00	0.00	0.00	
	Subtotal of Ind AS adjustment (1)		**431.57**	**-431.57**	**0.00**	**0.00**	**0.00**	**0.00**	
2	Inter Unit Transfer								
2.1	Unchhar	EDP, WP machines and satcom equipment etc.	**0.50**	**0.01**	**0.52**	**0.00**	**0.52**	**0.00**	As per practice, the Hon'ble Commission is not considering temporary type transfer in Inter unit transfers for tariff, hence kept under exclusion.
3	Capitalization IT/office equipment		**1.19**	**0.00**	**1.19**	**0.00**	**1.19**	**0.00**	capitalization and corresponding decapitalization of IT/office equipment in FY 23-24 kept under exclusion , not part of capital cost. No impact on tariff, Hon'ble commission may allow the same.
4	Decap of IT/office equipment : Not part of Capital Cost		**-1.19**	**0.00**	**-1.19**	**0.00**	**-1.19**	**0.00**	
5	**Liability reversal**								
5.1	Steam Generator	BHEL	**-5778**	**0**	-5778.27	**-5778**	0.0	**0**	Since tariff on cash basis liability reversal is kept under exclusion.
5.2	Turbine Generator	BHEL	**-3301**	**0**	-3301.26	**-3301**	0.0	**0**	
5.3	Ash Handling System	BHEL	**-701**	**0**	-700.82	**-701**	0.0	**0**	
	Subtotal (5)		**-9780.35**	**0.00**	**-9780.35**	**-9780.35**	**0.00**	**0.00**	
	Total Exclusion (1 to 5)		**-9348.28**	**-431.56**	**-9779.84**	**-9780.35**	**0.52**	**0.00**	

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1

Name of the Petitioner NTPC Ltd

Name of the Generating Station Barauni-II TPS (2 x 250 MW)

Statement of Capital cost

(Amount in Rs. Lakh)

S. No.	Particulars	U#8 COD 01.03.2020			U#9 COD 01.11.2021			01.11.2021 - 31.03.2022			2022-23			2023-24		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening Gross Block Amount as per books	3,963.07	3.69	3,959.38	1,84,163.77	36,628.73	1,47,535.04	3,04,657.63	36,628.52	2,68,029.11	3,09,524.67	30,972.98	2,78,551.69	3,18,658.61	32,196.16	2,86,462.45
	b) Amount of IDC in A(a) above	-	-	-	12,636.36	-	12,636.36	31,589.02	-	31,589.02	31,739.80	-	31,739.80	31,739.80	-	31,739.80
	c) Amount of FC in A(a) above	-	-	-	-	-	-			-	-	-	-	-	-	-
	d) Amount of FERV in A(a) above	-	-	-	-	-	-			-	-	-	-	-	-	-
	e) Amount of Hedging Cost in A(a) above	-	-	-	-	-	-			-	-	-	-	-	-	-
	f) Amount of IEDC in A(a) above	-	-	-	2,463.63	-	2,463.63	7,756.48		7,756.48	7,840.05	-	7,840.05	7,840.05	-	7,840.05
		-	-		-	-										
		-	-		-	-										
B	a) Addition in Gross Block Amount during the period (Direct purchases)	1,324.72	42.98	1,281.74	9,445.06	-	9,445.06	4,376.41	5.68	4,370.73	2,279.87		2,279.87	5826.41	71.04	5755.37
	b) Amount of IDC in B(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	c) Amount of FC in B(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	d) Amount of FERV in B(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	e) Amount of Hedging Cost in B(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	f) Amount of IEDC in B(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
C	a) Addition in Gross Block Amount during the period (Transferred from CWIP)	1,78,877.14	26,703.72	1,52,173.42	1,11,048.80	-	1,11,048.80	559.45		559.45	7,016.46		7,016.46	1446.90	697.70	749.20
	b) Amount of IDC in C(a) above	12,636.36	-	12,636.36	18,952.65	-	18,952.65	150.78		150.78			-	80.48	0.00	80.48
	c) Amount of FC in C(a) above	-	-	-						-			-	0.00	0.00	0.00
	d) Amount of FERV in C(a) above	-	-	-						-			-	0.00	0.00	0.00
	e) Amount of Hedging Cost in C(a) above	-	-	-						-			-	0.00	0.00	0.00
	f) Amount of IEDC in C(a) above	2,463.63	73.66	2,389.97	5,292.84	-	5,292.84	83.57		83.57			-	0.00	0.00	0.00
D	a) Deletion in Gross Block Amount during the period	350.85	-	350.85	-	-	-	68.82		68.82	162.39		162.39	616.37	0.00	616.37
	b) Amount of IDC in D(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	c) Amount of FC in D(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	d) Amount of FERV in D(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	e) Amount of Hedging Cost in D(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	f) Amount of IEDC in D(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
E	a) Closing Gross Block Amount as per books	1,83,814.08	26,750.39	1,57,063.69	3,04,657.63	36,628.52	2,68,029.11	3,09,524.67	30,972.98	2,78,551.69	3,18,658.61	32,196.16	2,86,462.45	325315.55	21786.61	303528.94
	b) Amount of IDC in E(a) above	12,636.36	-	12,636.36	31,589.02	-	31,589.02	31,739.80	-	31,739.80	31,739.80		31,739.80	31820.28	0.00	31820.28
	c) Amount of FC in E(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	d) Amount of FERV in E(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	e) Amount of Hedging Cost in E(a) above	-	-	-	-	-	-			-			-	0.00	0.00	0.00
	f) Amount of IEDC in E(a) above	2,463.63	-	2,463.63	7,756.48	-	7,756.48	7,840.05	-	7,840.05	7,840.05		7,840.05	7840.05	0.00	7840.05

Note:

*** Relevant date/s means date of COD of unit/s/station and financial year start date and end date**

(Petitioner)

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Date: 2024.11.06 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1

FORM- M

Name of the Petitioner NTPC Ltd

Name of the Generating Station Barauni-II TPS (2 x 250 MW)

Statement of Capital Woks in Progress

(Amount in Rs. Lakh)

S. No.	Particulars	U#8 COD 01.03.2020			U#9 COD 01.11.2021			01.11.2021 - 31.03.2022			2022-23			2023-24		
		Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis	Accrual Basis	Un-discharged Liabilities	Cash Basis
A	a) Opening CWIP as per books	2,49,076.26	38,668.33	2,10,407.93	1,31,508.22	2,227.83	1,29,280.39	20,459.42	2,227.83	18,231.59	19,899.97	2,433.41	17,466.56	21,113.15	1,703.26	19,409.89
	b) Amount of IDC in A(a) above	5,533.77	-	5,533.77	18,952.65	-	18,952.65	-	-	-	150.78	-	150.78	150.78	-	150.78
	c) Amount of FC in A(a) above			-							-	-	-	-	-	-
	d) Amount of FERV in A(a) above			-							-	-	-	-	-	-
	e) Amount of Hedging Cost in A(a) above			-							-	-	-	-	-	-
	f) Amount of IEDC in A(a) above	2,049.76	-	2,049.76	5,292.84	-	5,292.84	-	-	-	83.57	-	83.57	83.57	-	83.57
B	a) Addition in CWIP during the period	31,762.78	3,056.24	28,706.54	-	-	-	-	-	-	8,283.68		8,283.68	-3363.39	1448.32	-4,811.70
	b) Amount of IDC in B(a) above	14,015.18	-	14,015.18	-	-	-	-	-	-			-	434.19	0.00	434.19
	c) Amount of FC in B(a) above			-									-	0.00	0.00	-
	d) Amount of FERV in B(a) above			-									-	0.00	0.00	-
	e) Amount of Hedging Cost in B(a) above			-									-	0.00	0.00	-
	f) Amount of IEDC in B(a) above	2,222.75	73.66	2,149.09	-	-	-	-	-	-			-	0.00	0.00	-
C	a) Transferred to Gross Block Amount during the period	1,78,877.14	26,703.72	1,52,173.42	1,11,048.80	-	1,11,048.80	559.45	-	559.45	7,016.46		7,016.46	1446.90	697.70	749.20
	b) Amount of IDC in C(a) above	12,636.36	-	12,636.36	18,952.65	-	18,952.65	150.78	-	150.78			-	80.48	0.00	80.48
	c) Amount of FC in C(a) above			-									-	0.00	0.00	-
	d) Amount of FERV in C(a) above.			-									-	0.00	0.00	-
	e) Amount of Hedging Cost in C(a) above			-									-	0.00	0.00	-
	f) Amount of IEDC in C(a) above	2,463.63	73.66	2,389.97	5,292.84	-	5,292.84	83.57	-	83.57			-	0.00	0.00	-
D	a) Deletion in CWIP during the period		-	-							54.04		54.04	0.00	0.00	-
	b) Amount of IDC in D(a) above	-	-	-										0.00	0.00	-
	c) Amount of FC in D(a) above	-	-	-										0.00	0.00	-
	d) Amount of FERV in D(a) above	-	-	-										0.00	0.00	-
	e) Amount of Hedging Cost in D(a) above	-	-	-										0.00	0.00	-
	f) Amount of IEDC in D(a) above	-	-	-										0.00	0.00	-
E	a) Closing CWIP as per books	1,01,961.90	15,020.84	86,941.06	20,459.42	2,227.83	18,231.59	19,899.97	2,433.41	17,466.56	21,113.15	1,703.26	19,409.89	16,302.86	1652.78	14,650.08
	b) Amount of IDC in E(a) above	6,912.60	-	6,912.60				150.78	-	150.78	150.78		150.78	504.49	0.00	504.49
	c) Amount of FC in E(a) above	-	-	-									-	0.00	0.00	-
	d) Amount of FERV in E(a) above	-	-	-									-	0.00	0.00	-
	e) Amount of Hedging Cost in E(a) above	-	-	-									-	0.00	0.00	-
	f) Amount of IEDC in E(a) above	1,808.88	-	1,808.88	-	-	-	83.57	-	83.57	83.57		83.57	83.57	0.00	83.57

Note:

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date

(Petitioner)

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART-I
FORM- N

Calculation of Interest on Normative Loan

Name of the Company : NTPC Limited

Name of the Power Station : Barauni-II TPS (2 x 250 MW)

(Amount in Rs Lakh)

S. No.	Particulars	2019-20 (01.03.2020 to 31.03.2020) COD of U-8	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 (01.11.2021 to 31.03.2022) COD of U-9	2022-23	2023-24
		31	*365*	*214*	*151*	*365*	*366*
1	**2**	**4**	**5**		**6**	**7**	**8**
1	Gross Normative loan – Opening	1,09,944.58	1,13,607.65	1,17,122.11	1,87,813.24	1,95,179.06	2,00,732.12
2	Cumulative repayment of Normative loan up to previous year	-	675.34	8,904.77	13,804.19	19,504.40	33,705.36
3	**Net Normative loan – Opening**	**1,09,944.58**	**1,12,932.31**	**1,08,217.34**	**1,74,009.04**	**1,75,674.66**	**1,67,026.75**
4	Add: Increase due to addition during the year / period	-	244.78	-	3,451.14	4,439.92	11,388.76
5	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-48.17	-113.67	-430.63
6	Less: Decrease due to reversal during the year / period	-	-	-	-	-	-
7	Add: Increase due to discharges during the year / period	3,663.07	3,269.67	48.28	3,962.85	1,226.81	988.05
8	**Net addition during the period**	**3663.07**	**3514.45**	**48.28**	**7365.82**	**5553.06**	**11946.19**
9	Addition in Loan due to Net add cap	3663.07	3514.45	48.28	7365.82	5553.06	11946.19
10	Less: Repayment of Loan	675.34	8229.42	4899.43	5707.09	14223.23	14887.57
11	Repayment adjustment on account of de□capitalisation	-	-	-	6.89	22.27	95.38
12	Repayment adjustment on account of discharges/reversals corresponding to un□discharged liabilities deducted as on 1.4.2009	-	-	-	-	-	-
13	**Net Normative loan - Closing**	**1,12,932.31**	**1,08,217.34**	**1,03,366.19**	**1,75,674.66**	**1,67,026.75**	**1,64,180.75**
14	Average Normative loan	1,11,438.45	1,10,574.82	1,05,791.76	1,74,841.85	1,71,350.71	1,65,603.75
15	Weighted average rate of interest (%)	7.684	6.790	6.647	6.634	7.099	7.944
16	**Interest on Loan**	**8562.82**	**7507.92**	**7031.45**	**11599.01**	**12163.67**	**13155.73**

(Petitioner)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1
FORM- O

Calculation of Interest on Working Capital

Name of the Company :	**NTPC Ltd**
Name of the Power Station :	**Barauni-II TPS (2 x 250 MW)**

(Amount in Rs Lakh)

S. No.	Particulars		2019-20 (01.03.2020 to 31.03.2020) COD of U-8	2020-21	2021-22 (01.04.2021 to 31.10.2021)	2021-22 (01.11.2021 to 31.03.2022) COD of U-9	2022-23	2023-24
1	2	3	4	5	6	7	8	9
1	Cost of Coal/Lignite	50 days	5130.81	5130.81	6529.00	12310.44	12119.39	12748.75
2	Cost of Main Secondary Fuel Oil	2 month	78.12	78.12	59.62	145.72	159.63	254.72
3	Fuel Cost							
4	Liquid Fuel Stock							
5	O & M Expenses	1 month	1008.76	800.54	802.39	1682.65	1870.58	1842.46
6	Maintenance Spares	20% of O&M	2421.03	1921.30	1925.74	4038.37	4489.40	4421.91
7	Receivables	45 days	9586.66	9182.33	10422.53	19191.54	19504.42	20459.99
8	**Total Working Capital**		18225.38	17113.10	19739.28	37368.72	38143.43	39727.82
9	Rate of Interest	%	12.0500	11.2500	10.5000	10.5000	10.5000	12.0000
10	**Interest on Working Capital**		**2196.16**	**1925.22**	**2072.62**	**3923.72**	**4005.06**	**4767.34**

Petitioner

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC-TTD

Liability Flow Statement				**FORM-S**									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
						1.03.2020-31.03.2020							
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Liability as on 01.03.2020**	**liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)**	**Contractors ERV updation**	**Discharge during the year 2019-20 (1.3.2020-31.3.03.2020)**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21**	**Contractors ERV updation**
								-by payment	**-by reversal**				
	For Assets eligble under Normal ROE												
1	HUE SERVICE PVT LTD	Procurement of HP Make, 50 nos Desktop PC	2018-19	CLAIMED	3,07,890.00	-	-	-	-	-	307890.00	-	
2	Progility Technologies Pvt Ltd	Procurement of Full HD Video Conference Equipment-1080P along with 2-monitors	2018-19	CLAIMED	61,300.00	-	-	-	-	-	61300.00	-	
3	PREMIUM TRANSMISSION PRIVATE	Procurement of Gearbox & spares for CT Fan Stage-I at NTPC Barauni	2019-20	CLAIMED	14,41,501.00	-	-	1441501	-	1441501.00	0.00	-	
4	GLOBAL FITNESS	Procurement of GYM and SPORTS equipments NTPC Barauni.	2019-20	CLAIMED	72,503.00	-	-	-	-	-	72503.00	-	
5	JINTECH SOLUTION LIMITED	Procurement of Large 55 - inch LED Display	2019-20	CLAIMED	5,78,799.00	-	-	578799	-	578799.00	0.00	-	
6	Godrej & Boyce Mfg Co Ltd	Procurement of furniture for Bachelor accommodation & conference room	2019-20	CLAIMED	22,05,040.25	-	-	2205040.25	-	2205040.25	0.00	-	
7	BHARAT HEAVY ELECTRICALS LIMIT	BHEL CAPITAL LIAB-R	2018-19	CLAIMED	71,34,59,166.08	-	-	-	-	-	713459166.08	-	
8	RITES LTD	RITES CAPITAL LIAB	2018-19	CLAIMED	37,45,562.24	-	-	-	-	-	3745562.24	-	
9	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	7,18,23,360.00	-	-	-	-	-	71823360.00	-	
10	BHARAT HEAVY ELECTRICALS LIMIT	TOP TEST ST II	2018-19	CLAIMED	6,95,13,600.00	-	-	-	-	-	69513600.00	-	
11	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	48,98,73,612.80		-	44,90,56,704.00	-	449056704.00	40816908.80	-	
12	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	48,98,73,612.80		-	-	-	-	489873612.80	-	
13	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	7,18,23,360.00	-	-	-	-	-	71823360.00	-	
14	BHARAT HEAVY ELECTRICALS LIMIT	PG TEST ST II	2018-19	CLAIMED	6,95,13,600.00	-	-	-	-	-	69513600.00	-	
15	BHARAT HEAVY ELECTRICALS LIMIT	Supply PVC & Taxes PAYABLE SUBJECT TO FINAL RECONC	2018-19	CLAIMED	18,24,99,042.56	-		-	-	-	182499042.56	-	
16	BHARAT HEAVY ELECTRICALS LIMIT	Erection PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	22,76,43,084.80	-	-	-	-	-	227643084.80	-	
17	BHARAT HEAVY ELECTRICALS LIMIT	Civil PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	5,20,33,001.60	-	-	-	-	-	52033001.60	-	
18	BHARAT HEAVY ELECTRICALS LIMIT	Spares PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	4,02,44,110.08	-	-	-	-	-	40244110.08	-	
19	SUDHEER KUMAR	Hiring & deployment of TATA INDIGO Car with GM(Project) at NTPC Barauni	2019-20	CLAIMED	19,148.16	-	-	-	-	-	19148.16	-	
20	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II	2019-20	CLAIMED	1,52,023.04	-	-	-	-	-	152023.04	-	
21	RANJEET KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	12,300.16	-	-	-	-	-	12300.16	-	
22	SAKIB	Contingency arrangement for disposal of ash slurry in temporary ash dyke	2019-20	CLAIMED	26,241.92	-	-	-	-	-	26241.92	-	
23	RANJEET KUMAR SINGH	Construction of ladies toilet for CISF personnel near CISF office	2019-20	CLAIMED	20,529.28	-	-	-	-	-	20529.28	-	
24	SUBODH SINGH	work of Construction of Ladies toilet for CISF personnel	2019-20	CLAIMED	30,620.80	-	-	-	-	-	30620.80	-	
25	OM CONSTRUCTION	Construction of Helipad at BTPS Township.	2019-20	CLAIMED	28,460.80	-	-	-	-	-	28460.80	-	
26	MANISH KUMAR	Scrap Yard Fencing works at Barauni TPS	2019-20	CLAIMED	68,714.24	-	-	-	-	-	68714.24	-	
27	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	12,85,995.52	-	-	34,057.00	-	34057.00	1251938.52	-	
28	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	2,87,859.20	-	-	-	-	0.00	287859.20	-	
29	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of 04 nos. of experienced graduate engineers in C<(>&<)>I	2019-20	CLAIMED	14,43,002.52	-	-	1443002.52	-	1443002.52	0.00	-	
30	SANJAY KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	12,525.37	-	-	-	-	-	12525.37	-	

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
						1.03.2020-31.03.2020							
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Liability as on 01.03.2020**	**liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)**	**Contractors ERV updation**	**Discharge during the year 2019-20 (1.3.2020-31.3.03.2020)**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21**	**Contractors ERV updation**
								-by payment	**-by reversal**				
31	S.B.CHAUDHARY CONSTRUCTION	Deployment of water sprinkler tank with tractor for Barauni TPS,	2019-20	CLAIMED	8,400.00	-	-	-	-	-	8400.00	-	
32	AJAY KUMAR	Deployment of Tractor and required labour for disposal of Cut Grass from	2019-20	CLAIMED	12,572.80	-	-	-	-	-	12572.80	-	
33	PRAGATI ELECTRICAL	Deployment of Tractor and required labour for disposal of Cut Grass	2019-20	CLAIMED	14,743.04	-	-	-	-	-	14743.04	-	
34	GAYA PRASAD SINGH CONSTRUCTION	Regularizing work for deployment of water tanker with sprinkler <(>&<)>	2019-20	CLAIMED	16,632.32	-	-	-	-	-	16632.32	-	
35	ARIHANT DEWATERING SYSTEMS	Transportation, Installation, commissioning, operation and maintenance	2019-20	CLAIMED	75,478.40	-	-	-	-	-	75478.40	-	
36	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	1,31,328.00	-	-	-	-	-	131328.00	-	
37	FA AND CAO, EC RAILWAY HAJIPUR	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	11,328.00	-	-	11328	-	11328.00	0.00	-	
38	TECHNO SCALE INDUSTRIES	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	13,593.60	-	-	2,000.00	-	2000.00	11593.60	-	
39	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	7,74,835.20	-	-	774835	-	774835.00	0.20	-	
40	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	1,31,328.00	-	-	-	-	-	131328.00	-	
41	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II for	2019-20	CLAIMED	1,33,153.28	-	-	-	-	-	133153.28	-	
42	RUPAK KUMAR	Regulrising PO for Construction of Approach area (PCC), Clearing Jungle	2019-20	CLAIMED	63,868.16	-	-	-	-	-	63868.16	-	
43	POWER MECH-PROJECTS LIMITED	Contract for O<(>&<)>M of CHP Stage-II for 03 months.	2019-20	CLAIMED	98,845.44	-	-	-	-	-	98845.44	-	
44	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	1,20,266.24	-	-	1,17,654.00	-	117654.00	2612.24	-	
45	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	17,841.92	-	-	17841.92	-	17841.92	0.00	-	
46	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-	2019-20	CLAIMED	20,040.96	-	-	-	-	-	20040.96	-	
47	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-		CLAIMED	3,34,817.28	-	-	8,867.00	-	8867.00	325950.28	-	
48	Complete Dewatering Systems	Installation, commissioning, operation and maintenance of equipment for	2019-20	CLAIMED	9,31,000.65	-	-	9,31,000.65	-	931000.65	0.00	-	
49	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage II boundary wall to Ganga River.	2019-20	CLAIMED	9,02,625.92	-	-	9,02,625.92	-	902625.92	0.00	-	
50	PRAGATI ELECTRICAL	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	1,88,973.77	-	-	188973.77	-	188973.77	0.00	-	
51	SANJAY KUMAR SINGH	Regularising PO for vegetation removal and grass cutting in various	2019-20	CLAIMED	1,82,791.58	-	-	182791.58	-	182791.58	0.00	-	
52	AJAY KUMAR	vegetation removal and grass cutting in various area of Stage-II in	2019-20	CLAIMED	1,81,384.76	-	-	181384.76	-	181384.76	0.00	-	
53	RANJEET KUMAR SINGH	Regularising PO for vegetation removal and grass cutting of StageI	2019-20	CLAIMED	1,90,364.42	-	-	190364.42	-	190364.42	0.00	-	
54	RUPAK KUMAR	Vegetation removal and grass cutting of Stage-I <(>&<)> Stage-II on	2019-20	CLAIMED	1,89,760.82	-	-	189760.82	-	189760.82	0.00	-	
55	Bharat Heavy Electricals Ltd	BHEL PSER Balance Services Portion	2019-20	CLAIMED	1,27,50,297.60	-	-	-	-	-	12750297.60	-	
56	Bharat Heavy Electricals Ltd	BHEL-ISG PACKAGE	2019-20	CLAIMED	42,03,530.24	-	-	253423	-	253423.00	3950107.24	-	
57	Bharat Heavy Electricals Ltd	BHEL Payment of Civil work on cost plus 10% basis	2019-20	CLAIMED	7,36,88,651.52	-	-	5,09,83,000.00	-	50983000.00	22705651.52	-	
58	HINDUSTAN PETROLEUM CORPORATION	Procurement of 3000 LDO for NTPC Barauni	2019-20	CLAIMED	4,87,372.20	-	-	-	-	0.00	487372.20	-	
59	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC Payment to BHEL for Barauni as Approval Dated 31.01.2019	2019-20	CLAIMED	3,51,11,512.96	-	-	8253666	-	8253666.00	26857846.96	-	

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		NTPC Ltd.											
Name of the Generating Station		Barauni TPS Stage-II											
						1.03.2020-31.03.2020							
Sl No.	Party name	Name of work	Year of creation		Liability as on 01.03.2020	liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)	Contractors ERV updation	Discharge during the year 2019-20 (1.3.2020-31.3.03.2020)		Total discharge	Undischarged liabilities relating to GB 31.03.2020	liability in additional capitalisation for 2020-21	Contractors ERV updation
								-by payment	-by reversal				
60	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 2nd Payment to BHEL for Barauni as Approval Date 28/03/2019.	2019-20	CLAIMED	3,24,19,126.40	-	-	2593341	-	2593341.00	29825785.40	-	
61	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 3rd Payment to BHEL for Barauni as Approval Date 30/07/2019	2019-20	CLAIMED	87,33,449.40	-	-	-	-	-	8733449.40	-	
62	BHARAT HEAVY ELECTRICALS LIMITED	Payment for balance BSPGCL verified invoices of BHEL against outstanding	2019-20	CLAIMED	95,41,826.18	-	-	421516.41	-	421516.41	9120309.77	-	
63	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2019-20	CLAIMED	1,54,060.80	-	-	4080	-	4080.00	149980.80	-	
64	SANJEET	shifting of vacant drums from different locations to	2019-20	CLAIMED	13,455.55	-	-	13,455.55	-	13455.55	0.00	-	
65	MATA CONSTRUCTION	Regularising PO for Cleaning of Raw Water Reservoir in Stage II of	2019-20	CLAIMED	1,86,430.08	-	-	4,937.00	-	4937.00	181493.08	-	
66		Removal of scrap from st-II and township	2019-20	CLAIMED	1,81,380.48	-	-	7,206.00	-	7206.00	174174.48	-	
67	GAYA PRASAD SINGH CONSTRUCTION	Transportation of mill rejects from Stage-I to Stage-II CHP area at NTPC	2019-20	CLAIMED	65,876.40	-	-	-	-	-	65876.40	-	
68	IIT ROORKEE	Area Drainage Study of Plant, township and Ash Dyke of Barauni Thermal Power Station	2019-20	CLAIMED	19,03,104.00	-	-	19,03,104.00	-	1903104.00	0.00	-	
69	K K CONSTRUCTION	vegetation removal and grass cutting of StageI <(>&<)> Stage-II.	2019-20	CLAIMED	1,88,794.88	-	-	1,88,794.88	-	188794.88	0.00	-	
70	P K ENGINEERING	Regularising PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	1,85,195.52	-	-	1,85,195.52	-	185195.52	0.00	-	
71	LALLU SINGH	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	1,90,357.04	-	-	-	-	-	190357.04	-	
72	SAKIB	Rectification of coupling leakage in Ash slurry line of stage-II	2019-20	CLAIMED	7,390.72	-	-	7,390.72	-	7390.72	0.00	-	
73	SAKIB	Deashing chute of ash silo-2	2019-20	CLAIMED	11,780.48	-	-	11,780.48	-	11780.48	0.00	-	
74	GAYA PRASAD SINGH CONSTRUCTION	Regularing PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	1,70,018.56	-	-	6,754.00	-	6754.00	163264.56	-	
75	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2020-21	CLAIMED		-	-	-	-	-	-	-	
76	Bharat Heavy Electricals Ltd	Purchase order for payment of Balance supply against Different BHEL Units for 2x250MW stage-II Barauni TPS	2020-21	CLAIMED		-	-	-	-	-	-	-	
77	Bharat Heavy Electricals Ltd	Release of payment against BSPGCL Verified BHEL Invoices.S/XX/03/8/0290 & S:XX:03:8:0355	2020-21	CLAIMED		-	-	-	-	-	-	-	
78	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer , Chemist from M/s	2020-21	CLAIMED		-	-	-	-	-	-	-	
79	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2020-21	CLAIMED		-	-	-	-	-	-	-	
80	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer	2020-21	CLAIMED		-	-	-	-	-	-	-	
81	GAYA PRASAD SINGH CONSTRUCTION	Deployment of 02 Nos of Sprinkler at BTPS	2020-21	CLAIMED		-	-	-	-	-	-	-	
82	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2020-21	CLAIMED		-	-	-	-	-	-	-	
83	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2020-21	CLAIMED		-	-	-	-	-	-	-	
84	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2020-21	CLAIMED		-	-	-	-	-	-	-	

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		NTPC Ltd.											
Name of the Generating Station		Barauni TPS Stage-II											
						1.03.2020-31.03.2020							
Sl No.	Party name	Name of work	Year of creation		Liability as on 01.03.2020	liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)	Contractors ERV updation	Discharge during the year 2019-20 (1.3.2020-31.3.2020)		Total discharge	Undischarged liabilities relating to GB 31.03.2020	liability in additional capitalisation for 2020-21	Contractors ERV updation
								-by payment	-by reversal				
85	POWERTEC SUPPLIES INDIA PVT LTD	Rectification of faulty SMPS of Unit - 9 at NTPC Barauni	2020-21	CLAIMED		-	-	-	-	-	-	-	
86	RANJEET KUMAR SINGH	Modification and Inter Connection of Ash Disposal of Stage-II and Separate AWRS Line from Stage-II.	2020-21	CLAIMED		-	-	-	-	-	-	-	
87	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2020-21	CLAIMED		-	-	-	-	-	-	-	
88	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2020-21	CLAIMED		-	-	-	-	-	-	-	
89	SHAHANSAH AUTO WORKS	Hiring of crane & erection of balance conveyor gallery 2A/B at risk and cost of BHEL in Barauni TPS Stage-II (2x250 MW)	2020-21	CLAIMED		-	-	-	-	-	-	-	
90	JAYA SHREE AND CO	Construction of Gate on NH and plant boundary rail lines and barrier of line, at Barauni TPS	2020-21	CLAIMED		-	-	-	-	-	-	-	
91	RANJEET KUMAR SINGH	Construction of Gate at external boundary wall entrance at Stage-II, at Barauni TPS.	2020-21	CLAIMED		-	-	-	-	-	-	-	
92	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards puchase	2020-21	CLAIMED		-	-	-	-	-	-	-	
94	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards purchase	2020-21	CLAIMED		-	-	-	-	-	-	-	
95	SHREE ABIRAMI ENGGINEERING WORKS	Supply of Distribution Transformers for Barauni Thermal.	2021-22	CLAIMED									
96	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2021-22	CLAIMED									
97	INDUSTRIAL TRADE LINKS	Procurement of Portable Lube Oil Centrifuging Machine for cleaning of oil in Mechanical Maintenance Department of Barauni TPS	2021-22	CLAIMED									
98	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage	2021-22	CLAIMED									
99	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2021-22	CLAIMED									
100	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2021-22	CLAIMED									
101	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2021-22	CLAIMED									
102	SANJAY KUMAR SINGH	Shifting of Materials and Scraps at NTPC Barauni.	2021-22	CLAIMED									
103	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2021-22	CLAIMED									
104	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2021-22	CLAIMED									
105	SAKIB	Laying of 600 NB ERW MS pipe at wagon tippler area, NTPC Barauni, Stage-II.	2021-22	CLAIMED									
106	ANAND KUMAR SINGHANIA	Construction of Road in BTPS Township Barauni	2021-22	CLAIMED									
107	Bharat Heavy Electricals Ltd	BHEL claim against contingency hopper arrangement to feed Raw coal to Crusher house, NTPC Barauni.	2021-22	CLAIMED									
108	GE POWER INDIA LTD	Supply of Main equipment under combustion modification pkg for Barauni TPP	2021-22	CLAIMED									

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Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
						1.03.2020-31.03.2020							
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Liability as on 01.03.2020**	**liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)**	**Contractors ERV updation**	**Discharge during the year 2019-20 (1.3.2020-31.3.2020)**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21**	**Contractors ERV updation**
								-by payment	**-by reversal**				
109	RANJEET KUMAR SINGH	Construction of Labour rest room in stage2 at BTPS Barauni	2021-22	CLAIMED									
110	ISGEC HEAVY ENGINEERING LIMITED	Ganga Water Supply PAckage, 2x110MW & 2X250MW, NTPC Barauni LOA no. CS-8004-132C-9-SC-NOA-6950, Dated 24.06.2020	2021-22	CLAIMED									
111	P S CONSTRUCTION	Providing and laying CLSM on pathway in Township Park at Barauni.	2021-22	CLAIMED									
112	HYDROTHERM TECHNOLOGY	For hiring of services for commissioning engineer of M/s HYDROTHERM TECHNOLOGY for replacement of bladder and seal kit of LP Bypass accumulator of unit#09 at NTPC Barauni	2021-22	CLAIMED									
113	BIHAR STATE POWER TRANSMISSION COM	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
114	RUPAK KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
115	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
116	LALLU SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
117	LEEWAY TECHNOSOLUTION PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
118	SUBODH SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
119	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
120	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
121	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
122	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
123	B Y ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
124	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
125	SUDHEER KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
126	BIPIN KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
127	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
128	RUPAK KUMAR	Switchgear_BTPS_Unit 9 _Development and paving of area in 220 kV switchyard area in stage-II	2022-23	CLAIMED									
129	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
130	Arun Kumar Yadav	Railway Siding Works_Stage II	2022-23	CLAIMED									
131	CE TESTING COMPANY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
132	POWER GRID CORPORATION OF INDIA LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
133	SAKIB	Railway Siding Works_Stage II	2022-23	CLAIMED									
134	RAJEEV KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
135	MARUTI CORPORATION	Railway Siding Works_Stage II	2022-23	CLAIMED									
136	P. K. ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED									
137	R N JHA	Railway Siding Works_Stage II	2022-23	CLAIMED									
138	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
139	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
140	P K ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED									
141	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED									
142	MEGGER (INDIA) Pvt Ltd	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
143	NADVIN TECH LABS	Railway Siding Works_Stage II	2022-23	CLAIMED									

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		NTPC Ltd.											
Name of the Generating Station		Barauni TPS Stage-II											
						1.03.2020-31.03.2020							
Sl No.	Party name	Name of work	Year of creation		Liability as on 01.03.2020	liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)	Contractors ERV updation	Discharge during the year 2019-20 (1.3.2020-31.3.2020)		Total discharge	Undischarged liabilities relating to GB 31.03.2020	liability in additional capitalisation for 2020-21	Contractors ERV updation
								-by payment	-by reversal				
144	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
145	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
146	SHRI RAM TRANSMISSIONS	Turbine Generator Unit _9	2022-23	CLAIMED									
147	FORBES MARSHALL PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
148	ASIAN CONTEC LIMITED	Turbine Generator Unit _9	2022-23	CLAIMED									
149	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED									
150	ANALYSER INSTRUMENT CO PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
151	KALYANI AGENCY	Railway Siding Works_Stage II	2022-23	CLAIMED									
152	JOST'S ENGINEERING COMPANY LIMITED	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
153	DOCKET CARE SYSTEMS	Railway Siding Works_Stage II	2022-23	CLAIMED									
154	BEACON ENERGY SOLUTIONS PVT. LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED									
155	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED									
156	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED									
157	MARUTI HANUMAN REFRIGERATION	Railway Siding Works_Stage II	2022-23	CLAIMED									
158	MUSKAN ELECTRICALS	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
159	SHARAD CHANDRA KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
160	STEEL AUTHORITY OF INDIA LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
161	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
162	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
163	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED									
164	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED									
165	FLOWMORE LTD	Turbine Generator Unit _9	2022-23	CLAIMED									
166	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9	2022-23	CLAIMED									
167	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED									
168	BHARAT HEAVY ELECTRICALS LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
169	THERMOKING	Railway Siding Works_Stage II	2022-23	CLAIMED									
170	ABB India Ltd.	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
171	ELECON ENGINEERING CO LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
172	BHARAT HEAVY ELECTRICALS LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
173	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED									
174	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
175	Bharat Heavy Electricals Ltd	ESP_BTPS_Unit 9	2022-23	CLAIMED									
176	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
177	SHANTI CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
178	G.D.R. INFRASTRUCTURE	Railway Siding Works_Stage II	2022-23	CLAIMED									
179	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		NTPC Ltd.											
Name of the Generating Station		Barauni TPS Stage-II											
						1.03.2020-31.03.2020							
Sl No.	Party name	Name of work	Year of creation		Liability as on 01.03.2020	liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)	Contractors ERV updation	Discharge during the year 2019-20 (1.3.2020-31.3.03.2020)		Total discharge	Undischarged liabilities relating to GB 31.03.2020	liability in additional capitalisation for 2020-21	Contractors ERV updation
								-by payment	-by reversal				
180	MAHESH TRADING CO.	Railway Siding Works_Stage II	2022-23	CLAIMED									
181	PETROLABS INDIA PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
182	MACAWBER BEEKAY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
183	Epoch Electronica Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
184	GE POWER INDIA LTD	Combustion Modification System Unit 8	2022-23	**CLAIMED**									
185	ENERGY EFFICIENCY SERVICES LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
186	MAGTECH SECURITY SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
187	TIMEWATCH INFOCOM PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
188	VINAYAKA CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
						1.03.2020-31.03.2020							
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Liability as on 01.03.2020**	**liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)**	**Contractors ERV updation**	**Discharge during the year 2019-20 (1.3.2020-31.3.2020)**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21**	**Contractors ERV updation**
								-by payment	**-by reversal**				
189	SAKIB	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED									
190	Bharat Heavy Electricals Ltd	Legacy PO for recommended different BHEL Units	2022-23	CLAIMED									
191	SARTECH INTL	Railway Siding Works_Stage II	2022-23	CLAIMED									
192	SHAHANSAH AUTO WORKS	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
193	METROHM INDIA PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
194	MINIMAC SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
195	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED									
196	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
197	GAYA PRASAD SINGH CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
198	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
199	LABINDIA ANALYTICAL INSTRUMENTS PVT	Railway Siding Works_Stage II	2022-23	CLAIMED									
200	JINDAL FORGING PVT LTD	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED									
201	INTEC INDIA LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
202	SECURE METERS LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED									
203	DTC APPLIANCES	Railway Siding Works_Stage II	2022-23	CLAIMED									
204	Action Construction Equipment Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
205	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED									
206	BOMAFA SPECIAL VALVE SOLUTIONS	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
207	MAGNUS ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
208	JAINCOM	Railway Siding Works_Stage II	2022-23	CLAIMED									
209	KRUGER & BRENTT EQUIPMENT PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
210	PREMIUM TRANSMISSION PRIVATE	Railway Siding Works_Stage II	2022-23	CLAIMED									
211	HUE SERVICE PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
212	Graphline Computers (P) Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
213	YOUNGMAN MANUFACTURING INDIA PVT LT	Railway Siding Works_Stage II	2022-23	CLAIMED									
214	MAINI CONSTRUCTION EQUIPMENTS	Railway Siding Works_Stage II	2022-23	CLAIMED									
215	SCOPE T&M PVT LTD	Transformer_BTPS_Unit 9_	2022-23	CLAIMED									
216	MANIAR & CO	Railway Siding Works_Stage II	2022-23	CLAIMED									
217	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED									
218	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED									
219	Bharat Heavy Electricals Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
220	GLOBAL FITNESS	Railway Siding Works_Stage II	2022-23	CLAIMED									
221	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
222	ASHBOND ENGINEERS PVT LTD	Station C&I _BTPS_Unit 9_	2022-23	CLAIMED									
223	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9_	2022-23	CLAIMED									

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Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
						1.03.2020-31.03.2020							
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Liability as on 01.03.2020**	**liability in additional capitalisation for 2019-20 (1.3.2020-31.3.2020)**	**Contractors ERV updation**	**Discharge during the year 2019-20 (1.3.2020-31.3.2020)**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2020**	**liability in additional capitalisation for 2020-21**	**Contractors ERV updation**
								-by payment	**-by reversal**				
224	ANB COMPUTER SOLUTIONS PVT LTD	MBOA	2023-24	CLAIMED									
226	BHARAT HEAVY ELECTRICALS LIMITED	Upgradation against Obsolescence of HMI of M/s BHEL	2023-24	CLAIMED									
227	BHARAT HEAVY ELECTRICALS LTD	Capital Spare	2023-24	CLAIMED									
228	BHARAT HEAVY ELECTRICALS LTD	Capital spare	2023-24	CLAIMED									
231	EKDANT ENTERPRISE	MBOA	2023-24	CLAIMED									
232	ELECTRO MECHNICO PROJECTS PVT LTD	Capital Spare	2023-24	CLAIMED									
234	GE POWER INDIA LTD	Combustion Modification System Unit 9	2023-24	**CLAIMED**									
235	JITENDRA KUMAR SINGH	MBOA	2023-24	CLAIMED									
237	KALYANI AGENCY	MBOA	2023-24	CLAIMED									
238	MERLIN HYDRAULICS PRIVATE LIMITED	MBOA	2023-24	CLAIMED									
240	PACIFIC PORTA CABINS	MBOA	2023-24	CLAIMED									
242	PRAGATI INSTRUMENTATION PVT LTD	Capital Spare	2023-24	CLAIMED									
243	RANJEET KUMAR SINGH	Construction of Vermi composting unit at Barauni Township	2023-24	CLAIMED									
245	SARP ENTERPRISES	CHP	2023-24	CLAIMED									
246	TEAM COMPUTERS PVT LTD	MBOA	2023-24	CLAIMED									
248	P. K. ENGINEERING	Main Plant Civil/ offsite	2023-24	CLAIMED									
250	ELGI EQUIPMENTS LTD	Air compressor system	2023-24	CLAIMED									
251	UNS AGRI SERVE PVT LTD	Sprinkler water system for Fugitive dust supression	2023-24	CLAIMED									
253	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED									
254	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED									
256	P S CONSTRUCTION	CHP	2023-24	CLAIMED									
		Total Liability claimed / allowed Items (A)			**2,67,50,39,153**	**-**	**-**	**52,32,96,176**	**-**	**52,32,96,176**	**2,15,17,42,977**	**-**	0
		Total Liability Not Claimed/ Disallowed Items (B)											
		Total Liability (A+B)			2,67,50,39,153	-	-	52,32,96,176	-	52,32,96,176	2,15,17,42,977	-	-
	For assets eligible for RoE at weightage average rate of interest on loan												
1													
	*As on U#8 COD capital liability of stage II shown in Gross block is 64% of liability, rest 36% is shown in CWIP.												

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				**FORM-S**									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
	For Assets eligble under Normal ROE												
1	HUE SERVICE PVT LTD	Procurement of HP Make, 50 nos Desktop PC	2018-19	CLAIMED	-		-	307890.00	-		3,07,890.00		3,07,890.00
2	Progility Technologies Pvt Ltd	Procurement of Full HD Video Conference Equipment-1080P along with 2-monitors	2018-19	CLAIMED	-		-	61300.00	-		61,300.00		61,300.00
3	PREMIUM TRANSMISSION PRIVATE	Procurement of Gearbox & spares for CT Fan Stage-I at NTPC Barauni	2019-20	CLAIMED	-		-	0.00	-		-		-
4	GLOBAL FITNESS	Procurement of GYM and SPORTS equipments NTPC Barauni.	2019-20	CLAIMED	-		-	72503.00	-		72,503.00		72,503.00
5	JINTECH SOLUTION LIMITED	Procurement of Large 55 - inch LED Display	2019-20	CLAIMED	-		-	0.00	-		-		-
6	Godrej & Boyce Mfg Co Ltd	Procurement of furniture for Bachelor accommodation & conference room	2019-20	CLAIMED	-		-	0.00	-		-		-
7	BHARAT HEAVY ELECTRICALS LIMIT	BHEL CAPITAL LIAB-R	2018-19	CLAIMED	20,82,425.13		20,82,425.13	711376740.95	-		26,45,388.00		26,45,388.00
8	RITES LTD	RITES CAPITAL LIAB	2018-19	CLAIMED	-		-	3745562.24	-		37,45,562.24		37,45,562.24
9	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	5,43,27,000.00		5,43,27,000.00	17496360.00	-		-		-
10	BHARAT HEAVY ELECTRICALS LIMIT	TOP TEST ST II	2018-19	CLAIMED	5,43,22,500.00		5,43,22,500.00	15191100.00	-		-		-
11	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	-		-	40816908.80	-		-		-
12	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	23,44,62,500.00		23,44,62,500.00	255411112.80	-		-		-
13	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	6,06,90,000.00		6,06,90,000.00	11133360.00	-		-		-
14	BHARAT HEAVY ELECTRICALS LIMIT	PG TEST ST II	2018-19	CLAIMED	5,48,47,500.00		5,48,47,500.00	14666100.00	-		-		-
15	BHARAT HEAVY ELECTRICALS LIMIT	Supply PVC & Taxes PAYABLE SUBJECT TO FINAL RECONC	2018-19	CLAIMED	-		-	182499042.56	-		-		-
16	BHARAT HEAVY ELECTRICALS LIMIT	Erection PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	-		-	227643084.80	-		-		-
17	BHARAT HEAVY ELECTRICALS LIMIT	Civil PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	-		-	52033001.60	-		-		-
18	BHARAT HEAVY ELECTRICALS LIMIT	Spares PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	-		-	40244110.08	-		-		-
19	SUDHEER KUMAR	Hiring & deployment of TATA INDIGO Car with GM(Project) at NTPC Barauni	2019-20	CLAIMED	-		-	19148.16	-		19,148.16		19,148.16
20	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II	2019-20	CLAIMED	1,52,023.04		1,52,023.04	0.00	-		-		-
21	RANJEET KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	12,300.16		12,300.16	0.00	-		-		-
22	SAKIB	Contingency arrangement for disposal of ash slurry in temporary ash dyke	2019-20	CLAIMED	26,241.92		26,241.92	0.00	-		-		-
23	RANJEET KUMAR SINGH	Construction of ladies toilet for CISF personnel near CISF office	2019-20	CLAIMED	20,529.28		20,529.28	0.00	-		-		-
24	SUBODH SINGH	work of Construction of Ladies toilet for CISF personnel	2019-20	CLAIMED	30,620.80		30,620.80	0.00	-		-		-
25	OM CONSTRUCTION	Construction of Helipad at BTPS Township.	2019-20	CLAIMED	-		-	28460.80	-		-		-
26	MANISH KUMAR	Scrap Yard Fencing works at Barauni TPS	2019-20	CLAIMED	-		-	68714.24	-		-		-
27	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	12,51,938.52		12,51,938.52	0.00	-		-		-
28	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	2,87,859.20		2,87,859.20	0.00	-		-		-
29	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of 04 nos. of experienced graduate engineers in C<(>&<)>I	2019-20	CLAIMED	-		-	0.00	-		-		-
30	SANJAY KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	12,525.37		12,525.37	0.00	-		-		-

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
31	S.B.CHAUDHARY CONSTRUCTION	Deployment of water sprinkler tank with tractor for Barauni TPS,	2019-20	CLAIMED	-		-	8400.00	-		8,400.00		8,400.00
32	AJAY KUMAR	Deployment of Tractor and required labour for disposal of Cut Grass from	2019-20	CLAIMED	12,572.80		12,572.80	0.00	-		-		-
33	PRAGATI ELECTRICAL	Deployment of Tractor and required labour for disposal of Cut Grass	2019-20	CLAIMED	14,743.04		14,743.04	0.00	-		-		-
34	GAYA PRASAD SINGH CONSTRUCTION	Regularizing work for deployment of water tanker with sprinkler <(>&<)>	2019-20	CLAIMED	-		-	16632.32	-		16,632.32		16,632.32
35	ARIHANT DEWATERING SYSTEMS	Transportation, Installation, commissioning, operation and maintenance	2019-20	CLAIMED	75,478.40		75,478.40	0.00	-		-		-
36	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	1,31,328.00		1,31,328.00	0.00	-		-		-
37	FA AND CAO, EC RAILWAY HAJIPUR	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	-		-	0.00	-		-		-
38	TECHNO SCALE INDUSTRIES	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	11,593.60		11,593.60	0.00	-		-		-
39	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	-		-	0.20	-		-		-
40	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	1,31,328.00		1,31,328.00	0.00	-		-		-
41	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II for	2019-20	CLAIMED	1,33,153.28		1,33,153.28	0.00	-		-		-
42	RUPAK KUMAR	Regulrising PO for Construction of Approach area (PCC), Clearing Jungle	2019-20	CLAIMED	63,868.16		63,868.16	0.00	-		-		-
43	POWER MECH-PROJECTS LIMITED	Contract for O<(>&<)>M of CHP Stage-II for 03 months.	2019-20	CLAIMED	98,845.44		98,845.44	0.00	-		-		-
44	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	2,612.24		2,612.24	0.00	-		-		-
45	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	-		-	0.00	-		-		-
46	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-	2019-20	CLAIMED	-		-	20040.96	-		20,040.96		20,040.96
47	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-		CLAIMED	3,25,950.28		3,25,950.28	0.00	-		-		-
48	Complete Dewatering Systems	Installation, commissioning, operation and maintenance of equipment for	2019-20	CLAIMED	-		-	0.00	-		-		-
49	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage II boundary wall to Ganga River.	2019-20	CLAIMED	-		-	0.00	-		-		-
50	PRAGATI ELECTRICAL	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	-		-	0.00	-		-		-
51	SANJAY KUMAR SINGH	Regularising PO for vegetation removal and grass cutting in various	2019-20	CLAIMED	-		-	0.00	-		-		-
52	AJAY KUMAR	vegetation removal and grass cutting in various area of Stage-II in	2019-20	CLAIMED	-		-	0.00	-		-		-
53	RANJEET KUMAR SINGH	Regularising PO for vegetation removal and grass cutting of StageI	2019-20	CLAIMED	-		-	0.00	-		-		-
54	RUPAK KUMAR	Vegetation removal and grass cutting of Stage-I <(>&<)> Stage-II on	2019-20	CLAIMED	-		-	0.00	-		-		-
55	Bharat Heavy Electricals Ltd	BHEL PSER Balance Services Portion	2019-20	CLAIMED	12,22,742.41		12,22,742.41	11527555.19	-		-		-
56	Bharat Heavy Electricals Ltd	BHEL-ISG PACKAGE	2019-20	CLAIMED	14,20,061.00		14,20,061.00	2530046.24	-		-		-
57	Bharat Heavy Electricals Ltd	BHEL Payment of Civil work on cost plus 10% basis	2019-20	CLAIMED	-		-	22705651.52	-		-		-
58	HINDUSTAN PETROLEUM CORPORATION	Procurement of 3000 LDO for NTPC Barauni	2019-20	CLAIMED	-		-	487372.20	-		-		-
59	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC Payment to BHEL for Barauni as Approval Dated 31.01.2019	2019-20	CLAIMED	-		-	26857846.96	-		-		-

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		NTPC Ltd.											
Name of the Generating Station		Barauni TPS Stage-II											
					01.04.2020-31.03.2021						01.04.2021-31.10.2021		
Sl No.	Party name	Name of work	Year of creation		Discharge during the year 2020-21		Total discharge	Undischarged liabilities relating to GB 31.03.2021	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during the year 01.04.2021-31.10.2021		Total discharge
					-by payment	-by reversal					-by payment	-by reversal	
60	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 2nd Payment to BHEL for Barauni as Approval Date 28/03/2019.	2019-20	CLAIMED	-		-	29825785.40	-		-		-
61	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 3rd Payment to BHEL for Barauni as Approval Date 30/07/2019	2019-20	CLAIMED	-		-	8733449.40	-		-		-
62	BHARAT HEAVY ELECTRICALS LIMITED	Payment for balance BSPGCL verified invoices of BHEL against outstanding	2019-20	CLAIMED	-		-	9120309.77	-		-		-
63	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2019-20	CLAIMED	1,49,980.80		1,49,980.80	0.00	-		-		-
64	SANJEET	shifting of vacant drums from different locations to	2019-20	CLAIMED	-		-	0.00	-		-		-
65	MATA CONSTRUCTION	Regularising PO for Cleaning of Raw Water Reservoir in Stage II of	2019-20	CLAIMED	1,81,493.08		1,81,493.08	0.00	-		-		-
66		Removal of scrap from st-II and township	2019-20	CLAIMED	1,74,174.48		1,74,174.48	0.00	-		-		-
67	GAYA PRASAD SINGH CONSTRUCTION	Transportation of mill rejects from Stage-I to Stage-II CHP area at NTPC	2019-20	CLAIMED	65,876.40		65,876.40	0.00	-		-		-
68	IIT ROORKEE	Area Drainage Study of Plant, township and Ash Dyke of Barauni Thermal Power Station	2019-20	CLAIMED	-		-	0.00	-		-		-
69	K K CONSTRUCTION	vegetation removal and grass cutting of Stagel <(>&<)> Stage-II.	2019-20	CLAIMED	-		-	0.00	-		-		-
70	P K ENGINEERING	Regularising PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	-		-	0.00	-		-		-
71	LALLU SINGH	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	1,90,357.04		1,90,357.04	0.00	-		-		-
72	SAKIB	Rectification of coupling leakage in Ash slurry line of stage-II	2019-20	CLAIMED	-		-	0.00	-		-		-
73	SAKIB	Deashing chute of ash silo-2	2019-20	CLAIMED	-		-	0.00	-		-		-
74	GAYA PRASAD SINGH CONSTRUCTION	Regularing PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	1,63,264.56		1,63,264.56	0.00	-		-		-
75	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2020-21	CLAIMED	-		-	0.00	-		-		-
76	Bharat Heavy Electricals Ltd	Purchase order for payment of Balance supply against Different BHEL Units for 2x250MW stage-II Barauni TPS	2020-21	CLAIMED	-		-	0.00	-		-		-
77	Bharat Heavy Electricals Ltd	Release of payment against BSPGCL Verified BHEL Invoices.S/XX/03/8/0290 & S:XX:03:8:0355	2020-21	CLAIMED	-		-	0.00	-		-		-
78	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer , Chemist from M/s	2020-21	CLAIMED	-		-	0.00	-		-		-
79	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2020-21	CLAIMED	-		-	0.00	-		-		-
80	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer	2020-21	CLAIMED	-		-	0.00	-		-		-
81	GAYA PRASAD SINGH CONSTRUCTION	Deployment of 02 Nos of Sprinkler at BTPS	2020-21	CLAIMED	-		-	0.00	-		-		-
82	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2020-21	CLAIMED	-		-	0.00	-		-		-
83	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2020-21	CLAIMED	-		-	0.00	-		-		-
84	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2020-21	CLAIMED	-		-	0.00	-		-		-

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S										
Name of the Petitioner		NTPC Ltd.												
Name of the Generating Station		Barauni TPS Stage-II												
					01.04.2020-31.03.2021						01.04.2021-31.10.2021			
Sl No.	Party name	Name of work	Year of creation		Discharge during the year 2020-21		Total discharge	Undischarged liabilities relating to GB 31.03.2021	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during the year 01.04.2021-31.10.2021		Total discharge	
					-by payment	-by reversal					-by payment	-by reversal		
85	POWERTEC SUPPLIES INDIA PVT LTD	Rectification of faulty SMPS of Unit - 9 at NTPC Barauni	2020-21	CLAIMED	-		-	0.00	-		-		-	
86	RANJEET KUMAR SINGH	Modification and Inter Connection of Ash Disposal of Stage-II and Separate AWRS Line from Stage-II.	2020-21	CLAIMED	-		-	0.00	-		-		-	
87	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2020-21	CLAIMED	-		-	0.00	-		-		-	
88	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2020-21	CLAIMED	-		-	0.00	-		-		-	
89	SHAHANSAH AUTO WORKS	Hiring of crane & erection of balance conveyor gallery 2A/B at risk and cost of BHEL in Barauni TPS Stage-II (2x250 MW)	2020-21	CLAIMED	-		-	0.00	-		-		-	
90	JAYA SHREE AND CO	Construction of Gate on NH and plant boundary rail lines and barrier of line, at Barauni TPS	2020-21	CLAIMED	-		-	0.00	-		-		-	
91	RANJEET KUMAR SINGH	Construction of Gate at external boundary wall entrance at Stage-II, at Barauni TPS.	2020-21	CLAIMED	-		-	0.00	-		-		-	
92	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards puchase	2020-21	CLAIMED	-		-	0.00	-		-		-	
94	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards purchase	2020-21	CLAIMED	-		-	0.00	-		-		-	
95	SHREE ABIRAMI ENGGINEERING WORKS	Supply of Distribution Transformers for Barauni Thermal.	2021-22	CLAIMED					-				-	
96	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2021-22	CLAIMED					-				-	
97	INDUSTRIAL TRADE LINKS	Procurement of Portable Lube Oil Centrifuging Machine for cleaning of oil in Mechanical Maintenance Department of Barauni TPS	2021-22	CLAIMED					-				-	
98	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage	2021-22	CLAIMED					-				-	
99	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2021-22	CLAIMED					-				-	
100	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2021-22	CLAIMED					-				-	
101	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2021-22	CLAIMED					-				-	
102	SANJAY KUMAR SINGH	Shifting of Materials and Scraps at NTPC Barauni.	2021-22	CLAIMED					-				-	
103	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2021-22	CLAIMED					-				-	
104	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2021-22	CLAIMED					-				-	
105	SAKIB	Laying of 600 NB ERW MS pipe at wagon tippler area, NTPC Barauni, Stage-II.	2021-22	CLAIMED					-				-	
106	ANAND KUMAR SINGHANIA	Construction of Road in BTPS Township Barauni	2021-22	CLAIMED					-				-	
107	Bharat Heavy Electricals Ltd	BHEL claim against contingency hopper arrangement to feed Raw coal to Crusher house, NTPC Barauni.	2021-22	CLAIMED					-				-	
108	GE POWER INDIA LTD	Supply of Main equipment under combustion modification pkg for Barauni TPP	2021-22	CLAIMED					-				-	

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
109	RANJEET KUMAR SINGH	Construction of Labour rest room in stage2 at BTPS Barauni	2021-22	CLAIMED					-				-
110	ISGEC HEAVY ENGINEERING LIMITED	Ganga Water Supply PAckage, 2x110MW & 2X250MW, NTPC Barauni LOA no. CS-8004-132C-9-SC-NOA-6950, Dated 24.06.2020	2021-22	CLAIMED					-				-
111	P S CONSTRUCTION	Providing and laying CLSM on pathway in Township Park at Barauni.	2021-22	CLAIMED					-				-
112	HYDROTHERM TECHNOLOGY	For hiring of services for commissioning engineer of M/s HYDROTHERM TECHNOLOGY for replacement of bladder and seal kit of LP Bypass accumulator of unit#09 at NTPC Barauni	2021-22	CLAIMED					-				-
113	BIHAR STATE POWER TRANSMISSION COM	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
114	RUPAK KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
115	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
116	LALLU SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
117	LEEWAY TECHNOSOLUTION PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
118	SUBODH SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
119	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
120	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
121	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
122	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
123	B Y ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
124	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
125	SUDHEER KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
126	BIPIN KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
127	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
128	RUPAK KUMAR	Switchgear_BTPS_Unit 9 _Development and paving of area in 220 kV switchyard area in stage-II	2022-23	CLAIMED									
129	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
130	Arun Kumar Yadav	Railway Siding Works_Stage II	2022-23	CLAIMED									
131	CE TESTING COMPANY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
132	POWER GRID CORPORATION OF INDIA LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
133	SAKIB	Railway Siding Works_Stage II	2022-23	CLAIMED									
134	RAJEEV KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
135	MARUTI CORPORATION	Railway Siding Works_Stage II	2022-23	CLAIMED									
136	P. K. ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED									
137	R N JHA	Railway Siding Works_Stage II	2022-23	CLAIMED									
138	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
139	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
140	P K ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED									
141	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED									
142	MEGGER (INDIA) Pvt Ltd	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
143	NADVIN TECH LABS	Railway Siding Works_Stage II	2022-23	CLAIMED									

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Date: 2024.11.06 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S										
Name of the Petitioner		**NTPC Ltd.**												
Name of the Generating Station		**Barauni TPS Stage-II**												
					01.04.2020-31.03.2021							**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**	
					-by payment	**-by reversal**					**-by payment**	**-by reversal**		
144	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED										
145	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED										
146	SHRI RAM TRANSMISSIONS	Turbine Generator Unit _9	2022-23	CLAIMED										
147	FORBES MARSHALL PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED										
148	ASIAN CONTEC LIMITED	Turbine Generator Unit _9	2022-23	CLAIMED										
149	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED										
150	ANALYSER INSTRUMENT CO PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED										
151	KALYANI AGENCY	Railway Siding Works_Stage II	2022-23	CLAIMED										
152	JOST'S ENGINEERING COMPANY LIMITED	Transformer_BTPS_Unit 9	2022-23	CLAIMED										
153	DOCKET CARE SYSTEMS	Railway Siding Works_Stage II	2022-23	CLAIMED										
154	BEACON ENERGY SOLUTIONS PVT. LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED										
155	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED										
156	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED										
157	MARUTI HANUMAN REFRIGERATION	Railway Siding Works_Stage II	2022-23	CLAIMED										
158	MUSKAN ELECTRICALS	Transformer_BTPS_Unit 9	2022-23	CLAIMED										
159	SHARAD CHANDRA KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED										
160	STEEL AUTHORITY OF INDIA LTD	Railway Siding Works_Stage II	2022-23	CLAIMED										
161	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED										
162	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED										
163	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED										
164	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED										
165	FLOWMORE LTD	Turbine Generator Unit _9	2022-23	CLAIMED										
166	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9	2022-23	CLAIMED										
167	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED										
168	BHARAT HEAVY ELECTRICALS LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED										
169	THERMOKING	Railway Siding Works_Stage II	2022-23	CLAIMED										
170	ABB India Ltd.	Station C&I _BTPS_Unit 9	2022-23	CLAIMED										
171	ELECON ENGINEERING CO LTD	Railway Siding Works_Stage II	2022-23	CLAIMED										
172	BHARAT HEAVY ELECTRICALS LTD	Railway Siding Works_Stage II	2022-23	CLAIMED										
173	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED										
174	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED										
175	Bharat Heavy Electricals Ltd	ESP_BTPS_Unit 9	2022-23	CLAIMED										
176	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED										
177	SHANTI CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED										
178	G.D.R. INFRASTRUCTURE	Railway Siding Works_Stage II	2022-23	CLAIMED										
179	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED										

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
180	MAHESH TRADING CO.	Railway Siding Works_Stage II	2022-23	CLAIMED									
181	PETROLABS INDIA PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
182	MACAWBER BEEKAY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
183	Epoch Electronica Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
184	GE POWER INDIA LTD	Combustion Modification System Unit 8	2022-23	**CLAIMED**									
185	ENERGY EFFICIENCY SERVICES LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
186	MAGTECH SECURITY SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
187	TIMEWATCH INFOCOM PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
188	VINAYAKA CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
189	SAKIB	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED									
190	Bharat Heavy Electricals Ltd	Legacy PO for recommended different BHEL Units	2022-23	CLAIMED									
191	SARTECH INTL	Railway Siding Works_Stage II	2022-23	CLAIMED									
192	SHAHANSAH AUTO WORKS	Transformer_BTPS_Unit 9	2022-23	CLAIMED									
193	METROHM INDIA PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
194	MINIMAC SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
195	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED									
196	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
197	GAYA PRASAD SINGH CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED									
198	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED									
199	LABINDIA ANALYTICAL INSTRUMENTS PVT	Railway Siding Works_Stage II	2022-23	CLAIMED									
200	JINDAL FORGING PVT LTD	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED									
201	INTEC INDIA LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED									
202	SECURE METERS LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED									
203	DTC APPLIANCES	Railway Siding Works_Stage II	2022-23	CLAIMED									
204	Action Construction Equipment Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
205	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED									
206	BOMAFA SPECIAL VALVE SOLUTIONS	Station C&I _BTPS_Unit 9	2022-23	CLAIMED									
207	MAGNUS ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED									
208	JAINCOM	Railway Siding Works_Stage II	2022-23	CLAIMED									
209	KRUGER & BRENTT EQUIPMENT PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
210	PREMIUM TRANSMISSION PRIVATE	Railway Siding Works_Stage II	2022-23	CLAIMED									
211	HUE SERVICE PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED									
212	Graphline Computers (P) Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
213	YOUNGMAN MANUFACTURING INDIA PVT LT	Railway Siding Works_Stage II	2022-23	CLAIMED									
214	MAINI CONSTRUCTION EQUIPMENTS	Railway Siding Works_Stage II	2022-23	CLAIMED									
215	SCOPE T&M PVT LTD	Transformer_BTPS_Unit 9_	2022-23	CLAIMED									
216	MANIAR & CO	Railway Siding Works_Stage II	2022-23	CLAIMED									
217	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED									
218	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED									
219	Bharat Heavy Electricals Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED									
220	GLOBAL FITNESS	Railway Siding Works_Stage II	2022-23	CLAIMED									
221	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED									
222	ASHBOND ENGINEERS PVT LTD	Station C&I _BTPS_Unit 9_	2022-23	CLAIMED									
223	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9_	2022-23	CLAIMED									

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S									
Name of the Petitioner		**NTPC Ltd.**											
Name of the Generating Station		**Barauni TPS Stage-II**											
					01.04.2020-31.03.2021						**01.04.2021-31.10.2021**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Discharge during the year 2020-21**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2021**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.04.2021-31.10.2021**		**Total discharge**
					-by payment	**-by reversal**					**-by payment**	**-by reversal**	
224	ANB COMPUTER SOLUTIONS PVT LTD	MBOA	2023-24	CLAIMED									
226	BHARAT HEAVY ELECTRICALS LIMITED	Upgradation against Obsolescence of HMI of M/s BHEL	2023-24	CLAIMED									
227	BHARAT HEAVY ELECTRICALS LTD	Capital Spare	2023-24	CLAIMED									
228	BHARAT HEAVY ELECTRICALS LTD	Capital spare	2023-24	CLAIMED									
231	EKDANT ENTERPRISE	MBOA	2023-24	CLAIMED									
232	ELECTRO MECHNICO PROJECTS PVT LTD	Capital Spare	2023-24	CLAIMED									
234	GE POWER INDIA LTD	Combustion Modification System Unit 9	2023-24	**CLAIMED**									
235	JITENDRA KUMAR SINGH	MBOA	2023-24	CLAIMED									
237	KALYANI AGENCY	MBOA	2023-24	CLAIMED									
238	MERLIN HYDRAULICS PRIVATE LIMITED	MBOA	2023-24	CLAIMED									
240	PACIFIC PORTA CABINS	MBOA	2023-24	CLAIMED									
242	PRAGATI INSTRUMENTATION PVT LTD	Capital Spare	2023-24	CLAIMED									
243	RANJEET KUMAR SINGH	Construction of Vermi composting unit at Barauni Township	2023-24	CLAIMED									
245	SARP ENTERPRISES	CHP	2023-24	CLAIMED									
246	TEAM COMPUTERS PVT LTD	MBOA	2023-24	CLAIMED									
248	P. K. ENGINEERING	Main Plant Civil/ offsite	2023-24	CLAIMED									
250	ELGI EQUIPMENTS LTD	Air compressor system	2023-24	CLAIMED									
251	UNS AGRI SERVE PVT LTD	Sprinkler water system for Fugitive dust supression	2023-24	CLAIMED									
253	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED									
254	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED									
256	P S CONSTRUCTION	CHP	2023-24	CLAIMED									
		Total Liability claimed / allowed Items (A)			**46,70,95,386**	**-**	**46,70,95,386**	**1,68,46,47,590**	**-**	**-**	**68,96,865**	**-**	**68,96,865**
		Total Liability Not Claimed/ Disallowed Items (B)											
		Total Liability (A+B)			46,70,95,386	-	46,70,95,386	1,68,46,47,590	-	-	68,96,865	-	68,96,865
	For assets eligible for RoE at weightage average rate of interest on loan												
1													
	*As on U#8 COD capital liability of stage II shown in Gross block is 64% of liability, rest 36% is shown in CWIP.												

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Date: 2024.11.06 17:19:14 IST
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Location: NTPC LTD.

Liability Flow Statement				**FORM-S**							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
	For Assets eligble under Normal ROE										
1	HUE SERVICE PVT LTD	Procurement of HP Make, 50 nos Desktop PC	2018-19	CLAIMED	0.00	0.00	-				-
2	Progility Technologies Pvt Ltd	Procurement of Full HD Video Conference Equipment-1080P along with 2-monitors	2018-19	CLAIMED	0.00	0.00	-				-
3	PREMIUM TRANSMISSION PRIVATE	Procurement of Gearbox & spares for CT Fan Stage-I at NTPC Barauni	2019-20	CLAIMED	0.00	0.00	-				-
4	GLOBAL FITNESS	Procurement of GYM and SPORTS equipments NTPC Barauni.	2019-20	CLAIMED	0.00	0.00	-				-
5	JINTECH SOLUTION LIMITED	Procurement of Large 55 - inch LED Display	2019-20	CLAIMED	0.00	0.00	-				-
6	Godrej & Boyce Mfg Co Ltd	Procurement of furniture for Bachelor accommodation & conference room	2019-20	CLAIMED	0.00	0.00	-				-
7	BHARAT HEAVY ELECTRICALS LIMIT	BHEL CAPITAL LIAB-R	2018-19	CLAIMED	708731352.95	1330052133.87			1,86,48,788.00		1,86,48,788.00
8	RITES LTD	RITES CAPITAL LIAB	2018-19	CLAIMED	0.00	0.00			-		-
9	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	17496360.00	57897000.00			5,78,97,000.00		5,78,97,000.00
10	BHARAT HEAVY ELECTRICALS LIMIT	TOP TEST ST II	2018-19	CLAIMED	15191100.00	54292500.00			1,65,95,887.00		1,65,95,887.00
11	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	40816908.80	421809316.00			3,90,95,556.00		3,90,95,556.00
12	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	255411112.80	530965020.00			43,27,13,760.00		43,27,13,760.00
13	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	11133360.00	60690000.00			-		-
14	BHARAT HEAVY ELECTRICALS LIMIT	PG TEST ST II	2018-19	CLAIMED	14666100.00	54847500.00			-		-
15	BHARAT HEAVY ELECTRICALS LIMIT	Supply PVC & Taxes PAYABLE SUBJECT TO FINAL RECONC	2018-19	CLAIMED	182499042.56	285154754.00			-		-
16	BHARAT HEAVY ELECTRICALS LIMIT	Erection PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	227643084.80	355692320.00			-		-
17	BHARAT HEAVY ELECTRICALS LIMIT	Civil PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	52033001.60	81301565.00			-		-
18	BHARAT HEAVY ELECTRICALS LIMIT	Spares PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	40244110.08	62881422.00			-		-
19	SUDHEER KUMAR	Hiring & deployment of TATA INDIGO Car with GM(Project) at NTPC Barauni	2019-20	CLAIMED	0.00	0.00			-		-
20	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II	2019-20	CLAIMED	0.00	0.00			-		-
21	RANJEET KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	0.00	0.00			-		-
22	SAKIB	Contingency arrangement for disposal of ash slurry in temporary ash dyke	2019-20	CLAIMED	0.00	0.00			-		-
23	RANJEET KUMAR SINGH	Construction of ladies toilet for CISF personnel near CISF office	2019-20	CLAIMED	0.00	0.00			-		-
24	SUBODH SINGH	work of Construction of Ladies toilet for CISF personnel	2019-20	CLAIMED	0.00	0.00			-		-
25	OM CONSTRUCTION	Construction of Helipad at BTPS Township.	2019-20	CLAIMED	28460.80	28460.80			28,460.80		28,460.80
26	MANISH KUMAR	Scrap Yard Fencing works at Barauni TPS	2019-20	CLAIMED	68714.24	68714.24			-		-
27	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	0.00	0.00			-		-
28	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	0.00	0.00			-		-
29	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of 04 nos. of experienced graduate engineers in C<(>&<)>I	2019-20	CLAIMED	0.00	0.00			-		-
30	SANJAY KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	0.00	0.00			-		-

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
31	S.B.CHAUDHARY CONSTRUCTION	Deployment of water sprinkler tank with tractor for Barauni TPS,	2019-20	CLAIMED	0.00	0.00			-		-
32	AJAY KUMAR	Deployment of Tractor and required labour for disposal of Cut Grass from	2019-20	CLAIMED	0.00	0.00			-		-
33	PRAGATI ELECTRICAL	Deployment of Tractor and required labour for disposal of Cut Grass	2019-20	CLAIMED	0.00	0.00			-		-
34	GAYA PRASAD SINGH CONSTRUCTION	Regularizing work for deployment of water tanker with sprinkler <(>&<)>	2019-20	CLAIMED	0.00	0.00			-		-
35	ARIHANT DEWATERING SYSTEMS	Transportation, Installation, commissioning, operation and maintenance	2019-20	CLAIMED	0.00	0.00			-		-
36	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.00	0.00			-		-
37	FA AND CAO, EC RAILWAY HAJIPUR	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	0.00	0.00			-		-
38	TECHNO SCALE INDUSTRIES	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	0.00	0.00			-		-
39	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.20	0.20			-		-
40	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.00	0.00			-		-
41	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II for	2019-20	CLAIMED	0.00	0.00			-		-
42	RUPAK KUMAR	Regulrising PO for Construction of Approach area (PCC), Clearing Jungle	2019-20	CLAIMED	0.00	0.00			-		-
43	POWER MECH-PROJECTS LIMITED	Contract for O<(>&<)>M of CHP Stage-II for 03 months.	2019-20	CLAIMED	0.00	0.00			-		-
44	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	0.00	0.00			-		-
45	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	0.00	0.00			-		-
46	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-	2019-20	CLAIMED	0.00	0.00			-		-
47	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-		CLAIMED	0.00	0.00			-		-
48	Complete Dewatering Systems	Installation, commissioning, operation and maintenance of equipment for	2019-20	CLAIMED	0.00	0.00			-		-
49	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage II boundary wall to Ganga River.	2019-20	CLAIMED	0.00	0.00			-		-
50	PRAGATI ELECTRICAL	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	0.00	0.00			-		-
51	SANJAY KUMAR SINGH	Regularising PO for vegetation removal and grass cutting in various	2019-20	CLAIMED	0.00	0.00			-		-
52	AJAY KUMAR	vegetation removal and grass cutting in various area of Stage-II in	2019-20	CLAIMED	0.00	0.00			-		-
53	RANJEET KUMAR SINGH	Regularising PO for vegetation removal and grass cutting of StageI	2019-20	CLAIMED	0.00	0.00			-		-
54	RUPAK KUMAR	Vegetation removal and grass cutting of Stage-I <(>&<)> Stage-II on	2019-20	CLAIMED	0.00	0.00			-		-
55	Bharat Heavy Electricals Ltd	BHEL PSER Balance Services Portion	2019-20	CLAIMED	11527555.19	11527555.19			-		-
56	Bharat Heavy Electricals Ltd	BHEL-ISG PACKAGE	2019-20	CLAIMED	2530046.24	2530046.24			-		-
57	Bharat Heavy Electricals Ltd	BHEL Payment of Civil work on cost plus 10% basis	2019-20	CLAIMED	22705651.52	22705651.52			-		-
58	HINDUSTAN PETROLEUM CORPORATION	Procurement of 3000 LDO for NTPC Barauni	2019-20	CLAIMED	487372.20	487372.20			-		-
59	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC Payment to BHEL for Barauni as Approval Dated 31.01.2019	2019-20	CLAIMED	26857846.96	140324232.13			-		-

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		NTPC Ltd.									
Name of the Generating Station		Barauni TPS Stage-II									
						COD 01.11.2021			01.11.2021-31.03.2022		
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities Considered on 31.10.2021	Undischarged liabilities Considered on COD U#9	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during the year 01.11.2021-31.03.2022		Total discharge
									-by payment	-by reversal	
60	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 2nd Payment to BHEL for Barauni as Approval Date 28/03/2019.	2019-20	CLAIMED	29825785.40	29825785.40			-		-
61	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 3rd Payment to BHEL for Barauni as Approval Date 30/07/2019	2019-20	CLAIMED	8733449.40	8733449.40			-		-
62	BHARAT HEAVY ELECTRICALS LIMITED	Payment for balance BSPGCL verified invoices of BHEL against outstanding	2019-20	CLAIMED	9120309.77	9120309.77			-		-
63	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2019-20	CLAIMED	0.00	0.00			-		-
64	SANJEET	shifting of vacant drums from different locations to	2019-20	CLAIMED	0.00	0.00			-		-
65	MATA CONSTRUCTION	Regularising PO for Cleaning of Raw Water Reservoir in Stage II of	2019-20	CLAIMED	0.00	0.00			-		-
66	.	Removal of scrap from st-II and township	2019-20	CLAIMED	0.00	0.00			-		-
67	GAYA PRASAD SINGH CONSTRUCTION	Transportation of mill rejects from Stage-I to Stage-II CHP area at NTPC	2019-20	CLAIMED	0.00	0.00			-		-
68	IIT ROORKEE	Area Drainage Study of Plant, township and Ash Dyke of Barauni Thermal Power Station	2019-20	CLAIMED	0.00	0.00			-		-
69	K K CONSTRUCTION	vegetation removal and grass cutting of StageI <(>&<)> Stage-II.	2019-20	CLAIMED	0.00	0.00			-		-
70	P K ENGINEERING	Regularising PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	0.00	0.00			-		-
71	LALLU SINGH	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	0.00	0.00			-		-
72	SAKIB	Rectification of coupling leakage in Ash slurry line of stage-II	2019-20	CLAIMED	0.00	0.00			-		-
73	SAKIB	Deashing chute of ash silo-2	2019-20	CLAIMED	0.00	0.00			-		-
74	GAYA PRASAD SINGH CONSTRUCTION	Regularing PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	0.00	0.00			-		-
75	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2020-21	CLAIMED	0.00	456989.00	-		-		-
76	Bharat Heavy Electricals Ltd	Purchase order for payment of Balance supply against Different BHEL Units for 2x250MW stage-II Barauni TPS	2020-21	CLAIMED	0.00	519824.00	1,68,804.00		-		-
77	Bharat Heavy Electricals Ltd	Release of payment against BSPGCL Verified BHEL Invoices.S/XX/03/8/0290 & S:XX:03:8:0355	2020-21	CLAIMED	0.00	1129287.00	-		-		-
78	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer , Chemist from M/s	2020-21	CLAIMED	0.00	124013.00	-		1,24,013.00		1,24,013.00
79	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2020-21	CLAIMED	0.00	20400.00	-		-		-
80	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer	2020-21	CLAIMED	0.00	186020.00	-		1,86,020.00		1,86,020.00
81	GAYA PRASAD SINGH CONSTRUCTION	Deployment of 02 Nos of Sprinkler at BTPS	2020-21	CLAIMED	0.00	26013.00	-		-		-
82	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2020-21	CLAIMED	0.00	55330.00	-		-		-
83	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2020-21	CLAIMED	0.00	44453.00	-		-		-
84	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2020-21	CLAIMED	0.00	1561110.00	3,42,004.00		7,80,555.00		7,80,555.00

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		NTPC Ltd.									
Name of the Generating Station		Barauni TPS Stage-II									
						COD 01.11.2021			01.11.2021-31.03.2022		
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities Considered on 31.10.2021	Undischarged liabilities Considered on COD U#9	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during the year 01.11.2021-31.03.2022		Total discharge
									-by payment	-by reversal	
85	POWERTEC SUPPLIES INDIA PVT LTD	Rectification of faulty SMPS of Unit - 9 at NTPC Barauni	2020-21	CLAIMED	0.00	12460.00	-		-		-
86	RANJEET KUMAR SINGH	Modification and Inter Connection of Ash Disposal of Stage-II and Separate AWRS Line from Stage-II.	2020-21	CLAIMED	0.00	51284.00	-		51,284.00		51,284.00
87	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2020-21	CLAIMED	0.00	74028.00	-		-		-
88	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2020-21	CLAIMED	0.00	17733.00	-		-		-
89	SHAHANSAH AUTO WORKS	Hiring of crane & erection of balance conveyor gallery 2A/B at risk and cost of BHEL in Barauni TPS Stage-II (2x250 MW)	2020-21	CLAIMED	0.00	45000.00	-		-		-
90	JAYA SHREE AND CO	Construction of Gate on NH and plant boundary rail lines and barrier of line, at Barauni TPS	2020-21	CLAIMED	0.00	31214.00	-		-		-
91	RANJEET KUMAR SINGH	Construction of Gate at external boundary wall entrance at Stage-II, at Barauni TPS.	2020-21	CLAIMED	0.00	27761.00	-		-		-
92	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards puchase	2020-21	CLAIMED	0.00	13305227.50	-		-		-
94	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards purchase	2020-21	CLAIMED	0.00	118744753.00	-		-		-
95	SHREE ABIRAMI ENGGINEERING WORKS	Supply of Distribution Transformers for Barauni Thermal.	2021-22	CLAIMED	0.00	885800.00	-				-
96	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2021-22	CLAIMED	0.00	983248.00	-				-
97	INDUSTRIAL TRADE LINKS	Procurement of Portable Lube Oil Centrifuging Machine for cleaning of oil in Mechanical Maintenance Department of Barauni TPS	2021-22	CLAIMED	0.00	391310.00	-				-
98	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage	2021-22	CLAIMED	0.00	59761.00	-				-
99	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2021-22	CLAIMED	0.00	10649.00	-				-
100	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2021-22	CLAIMED	0.00	30943.00	-				-
101	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2021-22	CLAIMED	0.00	932842.00	-				-
102	SANJAY KUMAR SINGH	Shifting of Materials and Scraps at NTPC Barauni.	2021-22	CLAIMED	0.00	34500.00	-				-
103	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2021-22	CLAIMED	0.00	56546.00	-				-
104	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2021-22	CLAIMED	0.00	270018.00	-				-
105	SAKIB	Laying of 600 NB ERW MS pipe at wagon tippler area, NTPC Barauni, Stage-II.	2021-22	CLAIMED	0.00	69715.00	-				-
106	ANAND KUMAR SINGHANIA	Construction of Road in BTPS Township Barauni	2021-22	CLAIMED	0.00	1028677.00	-				-
107	Bharat Heavy Electricals Ltd	BHEL claim against contingency hopper arrangement to feed Raw coal to Crusher house, NTPC Barauni.	2021-22	CLAIMED	0.00	529000.00	-				-
108	GE POWER INDIA LTD	Supply of Main equipment under combustion modification pkg for Barauni TPP	2021-22	CLAIMED	0.00	0.00	-				-

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
109	RANJEET KUMAR SINGH	Construction of Labour rest room in stage2 at BTPS Barauni	2021-22	CLAIMED	0.00	161965.00	56,736.00				-
110	ISGEC HEAVY ENGINEERING LIMITED	Ganga Water Supply PAckage, 2x110MW & 2X250MW, NTPC Barauni LOA no. CS-8004-132C-9-SC-NOA-6950, Dated 24.06.2020	2021-22	CLAIMED	0.00	0.00	-				-
111	P S CONSTRUCTION	Providing and laying CLSM on pathway in Township Park at Barauni.	2021-22	CLAIMED	0.00	18150.00	-				-
112	HYDROTHERM TECHNOLOGY	For hiring of services for commissioning engineer of M/s HYDROTHERM TECHNOLOGY for replacement of bladder and seal kit of LP Bypass accumulator of unit#09 at NTPC Barauni	2021-22	CLAIMED	0.00	20999.00	-				-
113	BIHAR STATE POWER TRANSMISSION COM	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
114	RUPAK KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
115	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED							
116	LALLU SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
117	LEEWAY TECHNOSOLUTION PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
118	SUBODH SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
119	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED							
120	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
121	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
122	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
123	B Y ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED							
124	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
125	SUDHEER KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
126	BIPIN KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
127	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
128	RUPAK KUMAR	Switchgear_BTPS_Unit 9 _Development and paving of area in 220 kV switchyard area in stage-II	2022-23	CLAIMED							
129	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
130	Arun Kumar Yadav	Railway Siding Works_Stage II	2022-23	CLAIMED							
131	CE TESTING COMPANY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
132	POWER GRID CORPORATION OF INDIA LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED							
133	SAKIB	Railway Siding Works_Stage II	2022-23	CLAIMED							
134	RAJEEV KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
135	MARUTI CORPORATION	Railway Siding Works_Stage II	2022-23	CLAIMED							
136	P. K. ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED							
137	R N JHA	Railway Siding Works_Stage II	2022-23	CLAIMED							
138	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
139	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
140	P K ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED							
141	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED							
142	MEGGER (INDIA) Pvt Ltd	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
143	NADVIN TECH LABS	Railway Siding Works_Stage II	2022-23	CLAIMED							

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Date: 2024.11.06 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		NTPC Ltd.									
Name of the Generating Station		Barauni TPS Stage-II									
						COD 01.11.2021	01.11.2021-31.03.2022				
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities Considered on 31.10.2021	Undischarged liabilities Considered on COD U#9	liability in additional capitalisation for 2021-22	Contractors ERV updation	Discharge during the year 01.11.2021-31.03.2022		Total discharge
									-by payment	-by reversal	
144	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
145	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
146	SHRI RAM TRANSMISSIONS	Turbine Generator Unit _9	2022-23	CLAIMED							
147	FORBES MARSHALL PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED							
148	ASIAN CONTEC LIMITED	Turbine Generator Unit _9	2022-23	CLAIMED							
149	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED							
150	ANALYSER INSTRUMENT CO PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED							
151	KALYANI AGENCY	Railway Siding Works_Stage II	2022-23	CLAIMED							
152	JOST'S ENGINEERING COMPANY LIMITED	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
153	DOCKET CARE SYSTEMS	Railway Siding Works_Stage II	2022-23	CLAIMED							
154	BEACON ENERGY SOLUTIONS PVT. LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED							
155	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED							
156	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED							
157	MARUTI HANUMAN REFRIGERATION	Railway Siding Works_Stage II	2022-23	CLAIMED							
158	MUSKAN ELECTRICALS	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
159	SHARAD CHANDRA KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
160	STEEL AUTHORITY OF INDIA LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
161	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
162	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
163	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED							
164	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED							
165	FLOWMORE LTD	Turbine Generator Unit _9	2022-23	CLAIMED							
166	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9	2022-23	CLAIMED							
167	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED							
168	BHARAT HEAVY ELECTRICALS LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
169	THERMOKING	Railway Siding Works_Stage II	2022-23	CLAIMED							
170	ABB India Ltd.	Station C&I _BTPS_Unit 9	2022-23	CLAIMED							
171	ELECON ENGINEERING CO LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
172	BHARAT HEAVY ELECTRICALS LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
173	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED							
174	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED							
175	Bharat Heavy Electricals Ltd	ESP_BTPS_Unit 9	2022-23	CLAIMED							
176	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
177	SHANTI CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED							
178	G.D.R. INFRASTRUCTURE	Railway Siding Works_Stage II	2022-23	CLAIMED							
179	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
180	MAHESH TRADING CO.	Railway Siding Works_Stage II	2022-23	CLAIMED							
181	PETROLABS INDIA PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
182	MACAWBER BEEKAY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
183	Epoch Electronica Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED							
184	GE POWER INDIA LTD	Combustion Modification System Unit 8	2022-23	**CLAIMED**							
185	ENERGY EFFICIENCY SERVICES LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
186	MAGTECH SECURITY SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
187	TIMEWATCH INFOCOM PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
188	VINAYAKA CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED							

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
189	SAKIB	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED							
190	Bharat Heavy Electricals Ltd	Legacy PO for recommended different BHEL Units	2022-23	CLAIMED							
191	SARTECH INTL	Railway Siding Works_Stage II	2022-23	CLAIMED							
192	SHAHANSAH AUTO WORKS	Transformer_BTPS_Unit 9	2022-23	CLAIMED							
193	METROHM INDIA PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
194	MINIMAC SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
195	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED							
196	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED							
197	GAYA PRASAD SINGH CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED							
198	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED							
199	LABINDIA ANALYTICAL INSTRUMENTS PVT	Railway Siding Works_Stage II	2022-23	CLAIMED							
200	JINDAL FORGING PVT LTD	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED							
201	INTEC INDIA LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED							
202	SECURE METERS LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED							
203	DTC APPLIANCES	Railway Siding Works_Stage II	2022-23	CLAIMED							
204	Action Construction Equipment Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED							
205	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED							
206	BOMAFA SPECIAL VALVE SOLUTIONS	Station C&I _BTPS_Unit 9	2022-23	CLAIMED							
207	MAGNUS ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED							
208	JAINCOM	Railway Siding Works_Stage II	2022-23	CLAIMED							
209	KRUGER & BRENTT EQUIPMENT PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
210	PREMIUM TRANSMISSION PRIVATE	Railway Siding Works_Stage II	2022-23	CLAIMED							
211	HUE SERVICE PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED							
212	Graphline Computers (P) Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED							
213	YOUNGMAN MANUFACTURING INDIA PVT LT	Railway Siding Works_Stage II	2022-23	CLAIMED							
214	MAINI CONSTRUCTION EQUIPMENTS	Railway Siding Works_Stage II	2022-23	CLAIMED							
215	SCOPE T&M PVT LTD	Transformer_BTPS_Unit 9_	2022-23	CLAIMED							
216	MANIAR & CO	Railway Siding Works_Stage II	2022-23	CLAIMED							
217	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED							
218	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED							
219	Bharat Heavy Electricals Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED							
220	GLOBAL FITNESS	Railway Siding Works_Stage II	2022-23	CLAIMED							
221	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED							
222	ASHBOND ENGINEERS PVT LTD	Station C&I _BTPS_Unit 9_	2022-23	CLAIMED							
223	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9_	2022-23	CLAIMED							

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Date: 2024.11.26 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S							
Name of the Petitioner		**NTPC Ltd.**									
Name of the Generating Station		**Barauni TPS Stage-II**									
						COD 01.11.2021			**01.11.2021-31.03.2022**		
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities Considered on 31.10.2021**	**Undischarged liabilities Considered on COD U#9**	**liability in additional capitalisation for 2021-22**	**Contractors ERV updation**	**Discharge during the year 01.11.2021-31.03.2022**		**Total discharge**
									-by payment	**-by reversal**	
224	ANB COMPUTER SOLUTIONS PVT LTD	MBOA	2023-24	CLAIMED							
226	BHARAT HEAVY ELECTRICALS LIMITED	Upgradation against Obsolescence of HMI of M/s BHEL	2023-24	CLAIMED							
227	BHARAT HEAVY ELECTRICALS LTD	Capital Spare	2023-24	CLAIMED							
228	BHARAT HEAVY ELECTRICALS LTD	Capital spare	2023-24	CLAIMED							
231	EKDANT ENTERPRISE	MBOA	2023-24	CLAIMED							
232	ELECTRO MECHNICO PROJECTS PVT LTD	Capital Spare	2023-24	CLAIMED							
234	GE POWER INDIA LTD	Combustion Modification System Unit 9	2023-24	**CLAIMED**							
235	JITENDRA KUMAR SINGH	MBOA	2023-24	CLAIMED							
237	KALYANI AGENCY	MBOA	2023-24	CLAIMED							
238	MERLIN HYDRAULICS PRIVATE LIMITED	MBOA	2023-24	CLAIMED							
240	PACIFIC PORTA CABINS	MBOA	2023-24	CLAIMED							
242	PRAGATI INSTRUMENTATION PVT LTD	Capital Spare	2023-24	CLAIMED							
243	RANJEET KUMAR SINGH	Construction of Vermi composting unit at Barauni Township	2023-24	CLAIMED							
245	SARP ENTERPRISES	CHP	2023-24	CLAIMED							
246	TEAM COMPUTERS PVT LTD	MBOA	2023-24	CLAIMED							
248	P. K. ENGINEERING	Main Plant Civil/ offsite	2023-24	CLAIMED							
250	ELGI EQUIPMENTS LTD	Air compressor system	2023-24	CLAIMED							
251	UNS AGRI SERVE PVT LTD	Sprinkler water system for Fugitive dust supression	2023-24	CLAIMED							
253	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED							
254	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED							
256	P S CONSTRUCTION	CHP	2023-24	CLAIMED							
		Total Liability claimed / allowed Items (A)			**1,67,77,50,726**	**3,66,28,52,130**	**5,67,544**	**-**	**56,61,21,324**	**-**	**56,61,21,324**
		Total Liability Not Claimed/ Disallowed Items (B)									
		Total Liability (A+B)			1,67,77,50,726	3,66,28,52,130	5,67,544	-	56,61,21,324	-	56,61,21,324
	For assets eligible for RoE at weightage average rate of interest on loan										
1											
	*As on U#8 COD capital liability of stage II shown in Gross block is 64% of liability, rest 36% is shown in CWIP.										

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Liability Flow Statement				**FORM-S**										
Name of the Petitioner		**NTPC Ltd.**												
Name of the Generating Station		**Barauni TPS Stage-II**												
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities relating to GB 31.03.2022**	**Undischarged liabilities relating to GB as on 01.04.2022**	**Liability in additional capitalisation for 2022-23**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2023**	**Undischarged liabilities relating to GB as on 01.04.2023**	**Liability in additional capitalisation for 2023-24**
									-by payment	**-by reversal**				
	For Assets eligble under Normal ROE													
1	HUE SERVICE PVT LTD	Procurement of HP Make, 50 nos Desktop PC	2018-19	CLAIMED	0.00	0.00	0				0	0.00	0	
2	Progility Technologies Pvt Ltd	Procurement of Full HD Video Conference Equipment-1080P along with 2-monitors	2018-19	CLAIMED	0.00	0.00	0				0	0.00	0	
3	PREMIUM TRANSMISSION PRIVATE	Procurement of Gearbox & spares for CT Fan Stage-I at NTPC Barauni	2019-20	CLAIMED	0.00	0.00	0				0	0.00	0	
4	GLOBAL FITNESS	Procurement of GYM and SPORTS equipments NTPC Barauni.	2019-20	CLAIMED	0.00	0.00	0				0	0.00	0	
5	JINTECH SOLUTION LIMITED	Procurement of Large 55 - inch LED Display	2019-20	CLAIMED	0.00	0.00	0				0	0.00	0	
6	Godrej & Boyce Mfg Co Ltd	Procurement of furniture for Bachelor accommodation & conference room	2019-20	CLAIMED	0.00	0.00	0				0	0.00	0	
7	BHARAT HEAVY ELECTRICALS LIMIT	BHEL CAPITAL LIAB-R	2018-19	CLAIMED	1311403345.87	1311403345.87		10126500	31050958.41		31050958.41	1290478887.46	1290478887	
8	RITES LTD	RITES CAPITAL LIAB	2018-19	CLAIMED	0.00	0.00			0		0	0.00	0	
9	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	0.00	0.00			0		0	0.00	0	
10	BHARAT HEAVY ELECTRICALS LIMIT	TOP TEST ST II	2018-19	CLAIMED	37696613.00	37696613.00			0		0	37696613.00	37696613	
11	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED	382713760.00	382713760.00			0		0	382713760.00	382713760	
12	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	98251260.00	98251260.00			0		0	98251260.00	98251260	
13	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED	60690000.00	60690000.00			0		0	60690000.00	60690000	
14	BHARAT HEAVY ELECTRICALS LIMIT	PG TEST ST II	2018-19	CLAIMED	54847500.00	54847500.00			0		0	54847500.00	54847500	
15	BHARAT HEAVY ELECTRICALS LIMIT	Supply PVC & Taxes PAYABLE SUBJECT TO FINAL RECONC	2018-19	CLAIMED	285154754.00	285154754.00			0		0	285154754.00	285154754	
16	BHARAT HEAVY ELECTRICALS LIMIT	Erection PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	355692320.00	355692320.00			0		0	355692320.00	355692320	
17	BHARAT HEAVY ELECTRICALS LIMIT	Civil PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	81301565.00	81301565.00			0		0	81301565.00	81301565	
18	BHARAT HEAVY ELECTRICALS LIMIT	Spares PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED	62881422.00	62881422.00			0		0	62881422.00	62881422	
19	SUDHEER KUMAR	Hiring & deployment of TATA INDIGO Car with GM(Project) at NTPC Barauni	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
20	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
21	RANJEET KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
22	SAKIB	Contingency arrangement for disposal of ash slurry in temporary ash dyke	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
23	RANJEET KUMAR SINGH	Construction of ladies toilet for CISF personnel near CISF office	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
24	SUBODH SINGH	work of Construction of Ladies toilet for CISF personnel	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
25	OM CONSTRUCTION	Construction of Helipad at BTPS Township.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
26	MANISH KUMAR	Scrap Yard Fencing works at Barauni TPS	2019-20	CLAIMED	68714.24	68714.24			68714.24		68714.24	0.00	0	
27	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
28	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
29	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of 04 nos. of experienced graduate engineers in C<(>&<)>I	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
30	SANJAY KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	

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Location: NTPC LTD.

Liability Flow Statement				FORM-S										
Name of the Petitioner		NTPC Ltd.												
Name of the Generating Station		Barauni TPS Stage-II												
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities relating to GB 31.03.2022	Undischarged liabilities relating to GB as on 01.04.2022	Liability in additional capitalisation for 2022-23	Contractors ERV updation	Discharge during the year 2022-23		Total discharge	Undischarged liabilities relating to GB 31.03.2023	Undischarged liabilities relating to GB as on 01.04.2023	Liability in additional capitalisation for 2023-24
									-by payment	-by reversal				
31	S.B.CHAUDHARY CONSTRUCTION	Deployment of water sprinkler tank with tractor for Barauni TPS,	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
32	AJAY KUMAR	Deployment of Tractor and required labour for disposal of Cut Grass from	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
33	PRAGATI ELECTRICAL	Deployment of Tractor and required labour for disposal of Cut Grass	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
34	GAYA PRASAD SINGH CONSTRUCTION	Regularizing work for deployment of water tanker with sprinkler <(>&<)>	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
35	ARIHANT DEWATERING SYSTEMS	Transportation, Installation, commissioning, operation and maintenance	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
36	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
37	FA AND CAO, EC RAILWAY HAJIPUR	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	0.00	0.00	32100		0		0	32100.00	32100	
38	TECHNO SCALE INDUSTRIES	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
39	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.20	0.20			0		0	0.20	0	
40	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
41	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II for	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
42	RUPAK KUMAR	Regulrising PO for Construction of Approach area (PCC), Clearing Jungle	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
43	POWER MECH-PROJECTS LIMITED	Contract for O<(>&<)>M of CHP Stage-II for 03 months.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
44	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
45	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
46	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
47	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-		CLAIMED	0.00	0.00			0		0	0.00	0	
48	Complete Dewatering Systems	Installation, commissioning, operation and maintenance of equipment for	2019-20	CLAIMED	0.00	0.00	0		0		0	0.00	0.0	
49	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage II boundary wall to Ganga River.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
50	PRAGATI ELECTRICAL	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
51	SANJAY KUMAR SINGH	Regularising PO for vegetation removal and grass cutting in various	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
52	AJAY KUMAR	vegetation removal and grass cutting in various area of Stage-II in	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
53	RANJEET KUMAR SINGH	Regularising PO for vegetation removal and grass cutting of StageI	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
54	RUPAK KUMAR	Vegetation removal and grass cutting of Stage-I <(>&<)> Stage-II on	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0.0	
55	Bharat Heavy Electricals Ltd	BHEL PSER Balance Services Portion	2019-20	CLAIMED	11527555.19	11527555.19	9761850.81		0		0	21289406.00	21289406	
56	Bharat Heavy Electricals Ltd	BHEL-ISG PACKAGE	2019-20	CLAIMED	2530046.24	2530046.24	9384111.83		0		0	11914158.07	11914158.07	
57	Bharat Heavy Electricals Ltd	BHEL Payment of Civil work on cost plus 10% basis	2019-20	CLAIMED	22705651.52	22705651.52	20480334.48		0		0	43185986.00	43185986	
58	HINDUSTAN PETROLEUM CORPORATION	Procurement of 3000 LDO for NTPC Barauni	2019-20	CLAIMED	487372.20	487372.20	6930745.87		0		0	7418118.07	7418118.075	
59	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC Payment to BHEL for Barauni as Approval Dated 31.01.2019	2019-20	CLAIMED	140324232.13	140324232.13	18350226.04		0		0	158674458.17	158674458.2	34978800

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Location: NTPC LTD.

Liability Flow Statement				FORM-S										
Name of the Petitioner		NTPC Ltd.												
Name of the Generating Station		Barauni TPS Stage-II												
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities relating to GB 31.03.2022	Undischarged liabilities relating to GB as on 01.04.2022	Liability in additional capitalisation for 2022-23	Contractors ERV updation	Discharge during the year 2022-23		Total discharge	Undischarged liabilities relating to GB 31.03.2023	Undischarged liabilities relating to GB as on 01.04.2023	Liability in additional capitalisation for 2023-24
									-by payment	-by reversal				
60	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 2nd Payment to BHEL for Barauni as Approval Date 28/03/2019.	2019-20	CLAIMED	29825785.40	29825785.40			7045243.4		7045243.4	22780542.00	22780542	
61	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 3rd Payment to BHEL for Barauni as Approval Date 30/07/2019	2019-20	CLAIMED	8733449.40	8733449.40	2399539.6		0		0	11132989.00	11132989	
62	BHARAT HEAVY ELECTRICALS LIMITED	Payment for balance BSPGCL verified invoices of BHEL against outstanding	2019-20	CLAIMED	9120309.77	9120309.77	1918485.23		0		0	11038795.00	11038795	
63	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
64	SANJEET	shifting of vacant drums from different locations to	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
65	MATA CONSTRUCTION	Regularising PO for Cleaning of Raw Water Reservoir in Stage II of	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
66		Removal of scrap from st-II and township	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
67	GAYA PRASAD SINGH CONSTRUCTION	Transportation of mill rejects from Stage-I to Stage-II CHP area at NTPC	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
68	IIT ROORKEE	Area Drainage Study of Plant, township and Ash Dyke of Barauni Thermal Power Station	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
69	K K CONSTRUCTION	vegetation removal and grass cutting of Stagel <(>&<)> Stage-II.	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
70	P K ENGINEERING	Regularising PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
71	LALLU SINGH	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
72	SAKIB	Rectification of coupling leakage in Ash slurry line of stage-II	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
73	SAKIB	Deashing chute of ash silo-2	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
74	GAYA PRASAD SINGH CONSTRUCTION	Regularing PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED	0.00	0.00			0		0	0.00	0	
75	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2020-21	CLAIMED	456989.00	456989.00	0		456989		456989	0.00	0	
76	Bharat Heavy Electricals Ltd	Purchase order for payment of Balance supply against Different BHEL Units for 2x250MW stage-II Barauni TPS	2020-21	CLAIMED	688628.00	688628.00	0		0		0	688628.00	688628	
77	Bharat Heavy Electricals Ltd	Release of payment against BSPGCL Verified BHEL Invoices.S/XX/03/8/0290 & S:XX:03:8:0355	2020-21	CLAIMED	1129287.00	1129287.00					0	1129287.00	1129287	
78	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer , Chemist from M/s	2020-21	CLAIMED	0.00	0.00					0	0.00	0	
79	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2020-21	CLAIMED	20400.00	20400.00			20400		20400	0.00	0	
80	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer	2020-21	CLAIMED	0.00	0.00					0	0.00	0	
81	GAYA PRASAD SINGH CONSTRUCTION	Deployment of 02 Nos of Sprinkler at BTPS	2020-21	CLAIMED	26013.00	26013.00			26013		26013	0.00	0	
82	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2020-21	CLAIMED	55330.00	55330.00			55330		55330	0.00	0	
83	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2020-21	CLAIMED	44453.00	44453.00			44453		44453	0.00	0	
84	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2020-21	CLAIMED	1122559.00	1122559.00			1122559		1122559	0.00	0	

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Liability Flow Statement				FORM-S										
Name of the Petitioner		NTPC Ltd.												
Name of the Generating Station		Barauni TPS Stage-II												
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities relating to GB 31.03.2022	Undischarged liabilities relating to GB as on 01.04.2022	Liability in additional capitalisation for 2022-23	Contractors ERV updation	Discharge during the year 2022-23		Total discharge	Undischarged liabilities relating to GB 31.03.2023	Undischarged liabilities relating to GB as on 01.04.2023	Liability in additional capitalisation for 2023-24
									-by payment	-by reversal				
85	POWERTEC SUPPLIES INDIA PVT LTD	Rectification of faulty SMPS of Unit - 9 at NTPC Barauni	2020-21	CLAIMED	12460.00	12460.00					0	12460.00	12460	
86	RANJEET KUMAR SINGH	Modification and Inter Connection of Ash Disposal of Stage-II and Separate AWRS Line from Stage-II.	2020-21	CLAIMED	0.00	0.00					0	0.00	0	
87	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2020-21	CLAIMED	74028.00	74028.00			74028		74028	0.00	0	
88	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2020-21	CLAIMED	17733.00	17733.00					0	17733.00	17733	
89	SHAHANSAH AUTO WORKS	Hiring of crane & erection of balance conveyor gallery 2A/B at risk and cost of BHEL in Barauni TPS Stage-II (2x250 MW)	2020-21	CLAIMED	45000.00	45000.00					0	45000.00	45000	
90	JAYA SHREE AND CO	Construction of Gate on NH and plant boundary rail lines and barrier of line, at Barauni TPS	2020-21	CLAIMED	31214.00	31214.00			31214		31214	0.00	0	
91	RANJEET KUMAR SINGH	Construction of Gate at external boundary wall entrance at Stage-II, at Barauni TPS.	2020-21	CLAIMED	27761.00	27761.00					0	27761.00	27761	
92	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards puchase	2020-21	CLAIMED	13305227.50	13305227.50			13305227.5		13305227.5	0.00	0	
94	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards purchase	2020-21	CLAIMED	118744753.00	118744753.00	0		118744753		118744753	0.00	0	
95	SHREE ABIRAMI ENGGINEERING WORKS	Supply of Distribution Transformers for Barauni Thermal.	2021-22	CLAIMED	885800.00	885800.00	0		885800		885800	0.00	0	
96	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2021-22	CLAIMED	983248.00	983248.00	0		983248		983248	0.00	0	
97	INDUSTRIAL TRADE LINKS	Procurement of Portable Lube Oil Centrifuging Machine for cleaning of oil in Mechanical Maintenance Department of Barauni TPS	2021-22	CLAIMED	391310.00	391310.00	0		179500		179500	211810.00	211810	
98	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage	2021-22	CLAIMED	59761.00	59761.00	0		59761		59761	0.00	0	
99	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2021-22	CLAIMED	10649.00	10649.00	0		10649		10649	0.00	0	
100	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2021-22	CLAIMED	30943.00	30943.00	0		30943		30943	0.00	0	
101	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2021-22	CLAIMED	932842.00	932842.00	0		932842		932842	0.00	0	
102	SANJAY KUMAR SINGH	Shifting of Materials and Scraps at NTPC Barauni.	2021-22	CLAIMED	34500.00	34500.00	0		34500		34500	0.00	0	
103	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2021-22	CLAIMED	56546.00	56546.00	0		56546		56546	0.00	0	
104	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2021-22	CLAIMED	270018.00	270018.00	0				0	270018.00	270018	
105	SAKIB	Laying of 600 NB ERW MS pipe at wagon tippler area, NTPC Barauni, Stage-II.	2021-22	CLAIMED	69715.00	69715.00	0				0	69715.00	69715	
106	ANAND KUMAR SINGHANIA	Construction of Road in BTPS Township Barauni	2021-22	CLAIMED	1028677.00	1028677.00	0				0	1028677.00	1028677	
107	Bharat Heavy Electricals Ltd	BHEL claim against contingency hopper arrangement to feed Raw coal to Crusher house, NTPC Barauni.	2021-22	CLAIMED	529000.00	529000.00	0				0	529000.00	529000	
108	GE POWER INDIA LTD	Supply of Main equipment under combustion modification pkg for Barauni TPP	2021-22	CLAIMED	0.00	0.00	0				0	0.00	0	

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Liability Flow Statement				FORM-S										
Name of the Petitioner		**NTPC Ltd.**												
Name of the Generating Station		**Barauni TPS Stage-II**												
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities relating to GB 31.03.2022**	**Undischarged liabilities relating to GB as on 01.04.2022**	**Liability in additional capitalisation for 2022-23**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2023**	**Undischarged liabilities relating to GB as on 01.04.2023**	**Liability in additional capitalisation for 2023-24**
									-by payment	**-by reversal**				
109	RANJEET KUMAR SINGH	Construction of Labour rest room in stage2 at BTPS Barauni	2021-22	CLAIMED	218701.00	218701.00	55085		0		0	273786.00	273786	
110	ISGEC HEAVY ENGINEERING LIMITED	Ganga Water Supply PAckage, 2x110MW & 2X250MW, NTPC Barauni LOA no. CS-8004-132C-9-SC-NOA-6950, Dated 24.06.2020	2021-22	CLAIMED	0.00	0.00	0				0	0.00	0	
111	P S CONSTRUCTION	Providing and laying CLSM on pathway in Township Park at Barauni.	2021-22	CLAIMED	18150.00	18150.00	0		18150		18150	0.00	0	
112	HYDROTHERM TECHNOLOGY	For hiring of services for commissioning engineer of M/s HYDROTHERM TECHNOLOGY for replacement of bladder and seal kit of LP Bypass accumulator of unit#09 at NTPC Barauni	2021-22	CLAIMED	20999.00	20999.00	0		20999		20999	0.00	0	
113	BIHAR STATE POWER TRANSMISSION COM	Transformer_BTPS_Unit 9	2022-23	CLAIMED			1427602.72				0	1427602.72	1427602.72	
114	RUPAK KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			484872				0	484872.00	484872	
115	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED			127891				0	127891.00	127891	
116	LALLU SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			74154				0	74154.00	74154	
117	LEEWAY TECHNOSOLUTION PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			2212				0	2212.00	2212	
118	SUBODH SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			65236				0	65236.00	65236	
119	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED			844420				0	844420.00	844420	
120	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			245938				0	245938.00	245938	
121	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			366198				0	366198.00	366198	
122	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			238946				0	238946.00	238946	
123	B Y ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED			921024.86				0	921024.86	921024.86	
124	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			147609.54				0	147609.54	147609.54	
125	SUDHEER KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			701426.24				0	701426.24	701426.24	
126	BIPIN KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			302075				0	302075.00	302075	
127	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			10881				0	10881.00	10881	
128	RUPAK KUMAR	Switchgear_BTPS_Unit 9 _Development and paving of area in 220 kV switchyard area in stage-II	2022-23	CLAIMED			368504				0	368504.00	368504	
129	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			7256181.53				0	7256181.53	7256181.53	
130	Arun Kumar Yadav	Railway Siding Works_Stage II	2022-23	CLAIMED			20294.82				0	20294.82	20294.82	
131	CE TESTING COMPANY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			99077.05				0	99077.05	99077.05	
132	POWER GRID CORPORATION OF INDIA LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED			169880.75				0	169880.75	169880.75	
133	SAKIB	Railway Siding Works_Stage II	2022-23	CLAIMED			10531				0	10531.00	10531	
134	RAJEEV KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			1735684				0	1735684.00	1735684	
135	MARUTI CORPORATION	Railway Siding Works_Stage II	2022-23	CLAIMED			11800				0	11800.00	11800	
136	P. K. ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED			2285315				0	2285315.00	2285315	
137	R N JHA	Railway Siding Works_Stage II	2022-23	CLAIMED			5993858				0	5993858.00	5993858	
138	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			2187873				0	2187873.00	2187873	
139	RITES LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			7376875.7				0	7376875.70	7376875.7	
140	P K ENGINEERING	Railway Siding Works_Stage II	2022-23	CLAIMED			24437				0	24437.00	24437	
141	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED			6900				0	6900.00	6900	
142	MEGGER (INDIA) Pvt Ltd	Transformer_BTPS_Unit 9	2022-23	CLAIMED			104430				0	104430.00	104430	
143	NADVIN TECH LABS	Railway Siding Works_Stage II	2022-23	CLAIMED			12705.69				0	12705.69	12705.69	

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Liability Flow Statement				FORM-S										
Name of the Petitioner		NTPC Ltd.												
Name of the Generating Station		Barauni TPS Stage-II												
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities relating to GB 31.03.2022	Undischarged liabilities relating to GB as on 01.04.2022	Liability in additional capitalisation for 2022-23	Contractors ERV updation	Discharge during the year 2022-23		Total discharge	Undischarged liabilities relating to GB 31.03.2023	Undischarged liabilities relating to GB as on 01.04.2023	Liability in additional capitalisation for 2023-24
									-by payment	-by reversal				
144	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			41951				0	41951.00	41951	
145	JOST'S ENGINEERING COMPANY LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			30300				0	30300.00	30300	
146	SHRI RAM TRANSMISSIONS	Turbine Generator Unit _9	2022-23	CLAIMED			44850				0	44850.00	44850	
147	FORBES MARSHALL PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED			90000				0	90000.00	90000	
148	ASIAN CONTEC LIMITED	Turbine Generator Unit _9	2022-23	CLAIMED			11100				0	11100.00	11100	
149	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED			13148				0	13148.00	13148	
150	ANALYSER INSTRUMENT CO PVT LTD	Station C&I _BTPS_Unit 9	2022-23	CLAIMED			30000				0	30000.00	30000	
151	KALYANI AGENCY	Railway Siding Works_Stage II	2022-23	CLAIMED			353363				0	353363.00	353363	
152	JOST'S ENGINEERING COMPANY LIMITED	Transformer_BTPS_Unit 9	2022-23	CLAIMED			18408				0	18408.00	18408	
153	DOCKET CARE SYSTEMS	Railway Siding Works_Stage II	2022-23	CLAIMED			222000				0	222000.00	222000	
154	BEACON ENERGY SOLUTIONS PVT. LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED			22500				0	22500.00	22500	
155	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED			20701				0	20701.00	20701	
156	JOST'S ENGINEERING COMPANY LIMITED	Switchgear_BTPS_Unit 9	2022-23	CLAIMED			28759				0	28759.00	28759	
157	MARUTI HANUMAN REFRIGERATION	Railway Siding Works_Stage II	2022-23	CLAIMED			1745				0	1745.00	1745	
158	MUSKAN ELECTRICALS	Transformer_BTPS_Unit 9	2022-23	CLAIMED			56546				0	56546.00	56546	
159	SHARAD CHANDRA KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			57792				0	57792.00	57792	
160	STEEL AUTHORITY OF INDIA LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			695099.77				0	695099.77	695099.77	
161	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			1280300				0	1280300.00	1280300	
162	FLOWMORE LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			1357059				0	1357059.00	1357059	
163	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED			371004				0	371004.00	371004	
164	ASIAN PREFAB HOMES	Railway Siding Works_Stage II	2022-23	CLAIMED			318600				0	318600.00	318600	
165	FLOWMORE LTD	Turbine Generator Unit _9	2022-23	CLAIMED			1690574				0	1690574.00	1690574	
166	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9	2022-23	CLAIMED			16810851.5				0	16810851.50	16810851.5	
167	PACIFIC PORTA CABINS	Railway Siding Works_Stage II	2022-23	CLAIMED			2607800				0	2607800.00	2607800	
168	BHARAT HEAVY ELECTRICALS LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED			131661.85				0	131661.85	131661.85	
169	THERMOKING	Railway Siding Works_Stage II	2022-23	CLAIMED			147000.2				0	147000.20	147000.2	
170	ABB India Ltd.	Station C&I _BTPS_Unit 9	2022-23	CLAIMED			883194.7				0	883194.70	883194.7	
171	ELECON ENGINEERING CO LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			78846.76				0	78846.76	78846.76	
172	BHARAT HEAVY ELECTRICALS LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			73500.75				0	73500.75	73500.75	
173	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED			152968.9				0	152968.90	152968.9	
174	SARP ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED			2132387				0	2132387.00	2132387	
175	Bharat Heavy Electricals Ltd	ESP_BTPS_Unit 9	2022-23	CLAIMED			17129624.55				0	17129624.55	17129624.55	
176	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			27155				0	27155.00	27155	
177	SHANTI CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED			23510				0	23510.00	23510	
178	G.D.R. INFRASTRUCTURE	Railway Siding Works_Stage II	2022-23	CLAIMED			209983				0	209983.00	209983	
179	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			877758				0	877758.00	877758	

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Liability Flow Statement				FORM-S										
Name of the Petitioner		**NTPC Ltd.**												
Name of the Generating Station		**Barauni TPS Stage-II**												
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities relating to GB 31.03.2022**	**Undischarged liabilities relating to GB as on 01.04.2022**	**Liability in additional capitalisation for 2022-23**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2023**	**Undischarged liabilities relating to GB as on 01.04.2023**	**Liability in additional capitalisation for 2023-24**
									-by payment	**-by reversal**				
180	MAHESH TRADING CO.	Railway Siding Works_Stage II	2022-23	CLAIMED			58410				0	58410.00	58410	
181	PETROLABS INDIA PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			59910				0	59910.00	59910	
182	MACAWBER BEEKAY PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			121550				0	121550.00	121550	
183	Epoch Electronica Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED			720000.5				0	720000.50	720000.5	
184	GE POWER INDIA LTD	Combustion Modification System Unit 8	2022-23	**CLAIMED**			26480187				0	26480187.00	26480187	
185	ENERGY EFFICIENCY SERVICES LTD	Transformer_BTPS_Unit 9	2022-23	CLAIMED			1695590				0	1695590.00	1695590	
186	MAGTECH SECURITY SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			239999.83				0	239999.83	239999.83	
187	TIMEWATCH INFOCOM PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			18000.24				0	18000.24	18000.24	
188	VINAYAKA CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED			270203				0	270203.00	270203	

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Name of the Generating Station		Barauni TPS Stage-II												
Sl No.	Party name	Name of work	Year of creation		Undischarged liabilities relating to GB 31.03.2022	Undischarged liabilities relating to GB as on 01.04.2022	Liability in additional capitalisation for 2022-23	Contractors ERV updation	Discharge during the year 2022-23		Total discharge	Undischarged liabilities relating to GB 31.03.2023	Undischarged liabilities relating to GB as on 01.04.2023	Liability in additional capitalisation for 2023-24
									-by payment	-by reversal				
189	SAKIB	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED			84950				0	84950.00	84950	
190	Bharat Heavy Electricals Ltd	Legacy PO for recommended different BHEL Units	2022-23	CLAIMED			76570948				0	76570948.00	76570948	
191	SARTECH INTL	Railway Siding Works_Stage II	2022-23	CLAIMED			44850				0	44850.00	44850	
192	SHAHANSAH AUTO WORKS	Transformer_BTPS_Unit 9	2022-23	CLAIMED			30000				0	30000.00	30000	
193	METROHM INDIA PRIVATE LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			27900				0	27900.00	27900	
194	MINIMAC SYSTEMS PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			44400				0	44400.00	44400	
195	BHARAT HEAVY ELECTRICALS LTD	Turbine Generator Unit _9	2022-23	CLAIMED			2490326.4				0	2490326.40	2490326.4	
196	P S CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED			236818				0	236818.00	236818	
197	GAYA PRASAD SINGH CONSTRUCTION	Railway Siding Works_Stage II	2022-23	CLAIMED			75396				0	75396.00	75396	
198	MANISH KUMAR	Railway Siding Works_Stage II	2022-23	CLAIMED			107366				0	107366.00	107366	
199	LABINDIA ANALYTICAL INSTRUMENTS PVT	Railway Siding Works_Stage II	2022-23	CLAIMED			47100				0	47100.00	47100	
200	JINDAL FORGING PVT LTD	Zero Liquid Discharge System at 2x250 MW Barauni TPS.	2022-23	CLAIMED			1728				0	1728.00	1728	
201	INTEC INDIA LIMITED	Railway Siding Works_Stage II	2022-23	CLAIMED			6848				0	6848.00	6848	
202	SECURE METERS LTD.	Switchgear_BTPS_Unit 9	2022-23	CLAIMED			1832780.3				0	1832780.30	1832780.3	
203	DTC APPLIANCES	Railway Siding Works_Stage II	2022-23	CLAIMED			28039				0	28039.00	28039	
204	Action Construction Equipment Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED			7876500				0	7876500.00	7876500	
205	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED			2981016				0	2981016.00	2981016	
206	BOMAFA SPECIAL VALVE SOLUTIONS	Station C&I _BTPS_Unit 9	2022-23	CLAIMED			10388007.89				0	10388007.89	10388007.89	
207	MAGNUS ENTERPRISES	Railway Siding Works_Stage II	2022-23	CLAIMED			87187				0	87187.00	87187	
208	JAINCOM	Railway Siding Works_Stage II	2022-23	CLAIMED			127116.94				0	127116.94	127116.94	
209	KRUGER & BRENTT EQUIPMENT PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			46435				0	46435.00	46435	
210	PREMIUM TRANSMISSION PRIVATE	Railway Siding Works_Stage II	2022-23	CLAIMED			24382.13				0	24382.13	24382.13	
211	HUE SERVICE PVT LTD	Railway Siding Works_Stage II	2022-23	CLAIMED			10921				0	10921.00	10921	
212	Graphline Computers (P) Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED			228060				0	228060.00	228060	
213	YOUNGMAN MANUFACTURING INDIA PVT LT	Railway Siding Works_Stage II	2022-23	CLAIMED			73280				0	73280.00	73280	
214	MAINI CONSTRUCTION EQUIPMENTS	Railway Siding Works_Stage II	2022-23	CLAIMED			1054890				0	1054890.00	1054890	
215	SCOPE T&M PVT LTD	Transformer_BTPS_Unit 9_	2022-23	CLAIMED			158500				0	158500.00	158500	
216	MANIAR & CO	Railway Siding Works_Stage II	2022-23	CLAIMED			364600				0	364600.00	364600	
217	TAKYON NETWORKS PVT.LTD.	Railway Siding Works_Stage II	2022-23	CLAIMED			31636				0	31636.00	31636	
218	BHARAT HEAVY ELECTRICALS LTD	ESP_BTPS_Unit 9	2022-23	CLAIMED			592413.98				0	592413.98	592413.98	
219	Bharat Heavy Electricals Ltd	Railway Siding Works_Stage II	2022-23	CLAIMED			651798.86				0	651798.86	651798.86	
220	GLOBAL FITNESS	Railway Siding Works_Stage II	2022-23	CLAIMED			12300				0	12300.00	12300	
221	RANJEET KUMAR SINGH	Railway Siding Works_Stage II	2022-23	CLAIMED			423441				0	423441.00	423441	
222	ASHBOND ENGINEERS PVT LTD	Station C&I _BTPS_Unit 9_	2022-23	CLAIMED			40380				0	40380.00	40380	
223	Bharat Heavy Electricals Ltd	Turbine Generator Unit _9_	2022-23	CLAIMED			4439				0	4439.00	4439	

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Name of the Petitioner		**NTPC Ltd.**												
Name of the Generating Station		**Barauni TPS Stage-II**												
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Undischarged liabilities relating to GB 31.03.2022**	**Undischarged liabilities relating to GB as on 01.04.2022**	**Liability in additional capitalisation for 2022-23**	**Contractors ERV updation**	**Discharge during the year 2022-23**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2023**	**Undischarged liabilities relating to GB as on 01.04.2023**	**Liability in additional capitalisation for 2023-24**
									-by payment	**-by reversal**				
224	ANB COMPUTER SOLUTIONS PVT LTD	MBOA	2023-24	CLAIMED										65518
226	BHARAT HEAVY ELECTRICALS LIMITED	Upgradation against Obsolescence of HMI of M/s BHEL	2023-24	CLAIMED										9277241
227	BHARAT HEAVY ELECTRICALS LTD	Capital Spare	2023-24	CLAIMED										68892
228	BHARAT HEAVY ELECTRICALS LTD	Capital spare	2023-24	CLAIMED										1302551
231	EKDANT ENTERPRISE	MBOA	2023-24	CLAIMED										780000
232	ELECTRO MECHNICO PROJECTS PVT LTD	Capital Spare	2023-24	CLAIMED										1984765
234	GE POWER INDIA LTD	Combustion Modification System Unit 9	2023-24	**CLAIMED**										15376042
235	JITENDRA KUMAR SINGH	MBOA	2023-24	CLAIMED										26807
237	KALYANI AGENCY	MBOA	2023-24	CLAIMED										434571
238	MERLIN HYDRAULICS PRIVATE LIMITED	MBOA	2023-24	CLAIMED										164760.12
240	PACIFIC PORTA CABINS	MBOA	2023-24	CLAIMED										941640
242	PRAGATI INSTRUMENTATION PVT LTD	Capital Spare	2023-24	CLAIMED										862600
243	RANJEET KUMAR SINGH	Construction of Vermi composting unit at Barauni Township	2023-24	CLAIMED										748188
245	SARP ENTERPRISES	CHP	2023-24	CLAIMED										2471737
246	TEAM COMPUTERS PVT LTD	MBOA	2023-24	CLAIMED										498429
248	P. K. ENGINEERING	Main Plant Civil/ offsite	2023-24	CLAIMED										2033562
250	ELGI EQUIPMENTS LTD	Air compressor system	2023-24	CLAIMED										2487980
251	UNS AGRI SERVE PVT LTD	Sprinkler water system for Fugitive dust supression	2023-24	CLAIMED										1760000
253	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED										328740
254	BIPIN KUMAR	Main Plant Civil/ offsite	2023-24	CLAIMED										100000
256	P S CONSTRUCTION	CHP	2023-24	CLAIMED										180963
		Total Liability claimed / allowed Items (A)			**3,09,72,98,351**	**3,09,72,98,351**	**28,74,49,960**	**1,01,26,500**	**17,52,58,821**	**-**	**17,52,58,821**	**3,21,96,15,990**	**3,21,96,15,990**	**7,68,73,785**
		Total Liability Not Claimed/ Disallowed Items (B)												
		Total Liability (A+B)			3,09,72,98,351	**3,09,72,98,351**	**28,74,49,960**	**1,01,26,500**	**17,52,58,821**	**-**	**17,52,58,821**	**3,21,96,15,990**	**3,21,96,15,990**	**7,68,73,785**
	For assets eligible for RoE at weightage average rate of interest on loan													
1														
	*As on U#8 COD capital liability of stage II shown in Gross block is 64% of liability, rest 36% is shown in CWIP.													

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				**FORM-S**					**Form-S**
Name of the Petitioner		**NTPC Ltd.**							
Name of the Generating Station		**Barauni TPS Stage-II**							Amount in Rs
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**
						-by payment	**-by reversal**		
	For Assets eligble under Normal ROE								
1	HUE SERVICE PVT LTD	Procurement of HP Make, 50 nos Desktop PC	2018-19	CLAIMED				0	0.00
2	Progility Technologies Pvt Ltd	Procurement of Full HD Video Conference Equipment-1080P along with 2-monitors	2018-19	CLAIMED				0	0.00
3	PREMIUM TRANSMISSION PRIVATE	Procurement of Gearbox & spares for CT Fan Stage-I at NTPC Barauni	2019-20	CLAIMED				0	0.00
4	GLOBAL FITNESS	Procurement of GYM and SPORTS equipments NTPC Barauni.	2019-20	CLAIMED				0	0.00
5	JINTECH SOLUTION LIMITED	Procurement of Large 55 - inch LED Display	2019-20	CLAIMED				0	0.00
6	Godrej & Boyce Mfg Co Ltd	Procurement of furniture for Bachelor accommodation & conference room	2019-20	CLAIMED				0	0.00
7	BHARAT HEAVY ELECTRICALS LIMIT	BHEL CAPITAL LIAB-R	2018-19	CLAIMED	1355500	39401061.22		39401061.22	1252433326.24
8	RITES LTD	RITES CAPITAL LIAB	2018-19	CLAIMED				0	0.00
9	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED				0	0.00
10	BHARAT HEAVY ELECTRICALS LIMIT	TOP TEST ST II	2018-19	CLAIMED				0	37696613.00
11	BHARAT HEAVY ELECTRICALS LIMIT	TOP ST II	2018-19	CLAIMED				0	382713760.00
12	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED				0	98251260.00
13	BHARAT HEAVY ELECTRICALS LIMIT	PG ST II	2018-19	CLAIMED				0	60690000.00
14	BHARAT HEAVY ELECTRICALS LIMIT	PG TEST ST II	2018-19	CLAIMED				0	54847500.00
15	BHARAT HEAVY ELECTRICALS LIMIT	Supply PVC & Taxes PAYABLE SUBJECT TO FINAL RECONC	2018-19	CLAIMED			285154754	285154754	0.00
16	BHARAT HEAVY ELECTRICALS LIMIT	Erection PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED			355692320	355692320	0.00
17	BHARAT HEAVY ELECTRICALS LIMIT	Civil PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED			81301565	81301565	0.00
18	BHARAT HEAVY ELECTRICALS LIMIT	Spares PVC PAYABLE SUBJECT TO FINAL RECONCI	2018-19	CLAIMED			62881422	62881422	0.00
19	SUDHEER KUMAR	Hiring & deployment of TATA INDIGO Car with GM(Project) at NTPC Barauni	2019-20	CLAIMED				0	0.00
20	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II	2019-20	CLAIMED				0	0.00
21	RANJEET KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED				0	0.00
22	SAKIB	Contingency arrangement for disposal of ash slurry in temporary ash dyke	2019-20	CLAIMED				0	0.00
23	RANJEET KUMAR SINGH	Construction of ladies toilet for CISF personnel near CISF office	2019-20	CLAIMED				0	0.00
24	SUBODH SINGH	work of Construction of Ladies toilet for CISF personnel	2019-20	CLAIMED				0	0.00
25	OM CONSTRUCTION	Construction of Helipad at BTPS Township.	2019-20	CLAIMED				0	0.00
26	MANISH KUMAR	Scrap Yard Fencing works at Barauni TPS	2019-20	CLAIMED				0	0.00
27	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED				0	0.00
28	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge ,Control Engineer,Chemist from M/s STEAG	2019-20	CLAIMED				0	0.00
29	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of 04 nos. of experienced graduate engineers in C<(>&<)>I	2019-20	CLAIMED				0	0.00
30	SANJAY KUMAR SINGH	Jungle cutting in Stage-II Barauni TPS.	2019-20	CLAIMED				0	0.00

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Location: NTPC LTD.

Liability Flow Statement				FORM-S					Form-S
Name of the Petitioner		**NTPC Ltd.**							
Name of the Generating Station		**Barauni TPS Stage-II**							Amount in Rs
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**
						-by payment	**-by reversal**		
31	S.B.CHAUDHARY CONSTRUCTION	Deployment of water sprinkler tank with tractor for Barauni TPS,	2019-20	CLAIMED				0	0.00
32	AJAY KUMAR	Deployment of Tractor and required labour for disposal of Cut Grass from	2019-20	CLAIMED				0	0.00
33	PRAGATI ELECTRICAL	Deployment of Tractor and required labour for disposal of Cut Grass	2019-20	CLAIMED				0	0.00
34	GAYA PRASAD SINGH CONSTRUCTION	Regularizing work for deployment of water tanker with sprinkler <(>&<)>	2019-20	CLAIMED				0	0.00
35	ARIHANT DEWATERING SYSTEMS	Transportation, Installation, commissioning, operation and maintenance	2019-20	CLAIMED				0	0.00
36	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED				0	0.00
37	FA AND CAO, EC RAILWAY HAJIPUR	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED				0	32100.00
38	TECHNO SCALE INDUSTRIES	initial overhauling, government stamping and AMC contract for	2019-20	CLAIMED				0	0.00
39	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED				0	0.20
40	STEAG ENERGY SERVICES INDIA PVT LTD	Project management Consultancy services of STEAG for Barauni TPS	2019-20	CLAIMED				0	0.00
41	ARIHANT DEWATERING SYSTEMS	Supply of Make-up water from river Ganga to Barauni TPS Reservoir-II for	2019-20	CLAIMED				0	0.00
42	RUPAK KUMAR	Regulrising PO for Construction of Approach area (PCC), Clearing Jungle	2019-20	CLAIMED				0	0.00
43	POWER MECH-PROJECTS LIMITED	Contract for O<(>&<)>M of CHP Stage-II for 03 months.	2019-20	CLAIMED				0	0.00
44	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED				0	0.00
45	GAYA PRASAD SINGH CONSTRUCTION	Deployment of Tractor with water tank sprinkler for water spraying on	2019-20	CLAIMED				0	0.00
46	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-	2019-20	CLAIMED				0	0.00
47	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II, Stage-		CLAIMED				0	0.00
48	Complete Dewatering Systems	Installation, commissioning, operation and maintenance of equipment for	2019-20	CLAIMED				0	0.00
49	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage II boundary wall to Ganga River.	2019-20	CLAIMED				0	0.00
50	PRAGATI ELECTRICAL	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED				0	0.00
51	SANJAY KUMAR SINGH	Regularising PO for vegetation removal and grass cutting in various	2019-20	CLAIMED				0	0.00
52	AJAY KUMAR	vegetation removal and grass cutting in various area of Stage-II in	2019-20	CLAIMED				0	0.00
53	RANJEET KUMAR SINGH	Regularising PO for vegetation removal and grass cutting of StageI	2019-20	CLAIMED				0	0.00
54	RUPAK KUMAR	Vegetation removal and grass cutting of Stage-I <(>&<)> Stage-II on	2019-20	CLAIMED				0	0.00
55	Bharat Heavy Electricals Ltd	BHEL PSER Balance Services Portion	2019-20	CLAIMED		35000		35000	21254406.00
56	Bharat Heavy Electricals Ltd	BHEL-ISG PACKAGE	2019-20	CLAIMED		3166212.07		3166212.07	8747946.00
57	Bharat Heavy Electricals Ltd	BHEL Payment of Civil work on cost plus 10% basis	2019-20	CLAIMED				0	43185986.00
58	HINDUSTAN PETROLEUM CORPORATION	Procurement of 3000 LDO for NTPC Barauni	2019-20	CLAIMED		7418118.075		7418118.075	0.00
59	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC Payment to BHEL for Barauni as Approval Dated 31.01.2019	2019-20	CLAIMED		0	80186872.57	80186872.57	113466385.17

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Liability Flow Statement				FORM-S					Form-S
Name of the Petitioner		**NTPC Ltd.**							
Name of the Generating Station		**Barauni TPS Stage-II**							Amount in Rs
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**
						-by payment	**-by reversal**		
60	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 2nd Payment to BHEL for Barauni as Approval Date 28/03/2019.	2019-20	CLAIMED			22780542	22780542	0.00
61	BHARAT HEAVY ELECTRICALS LIMITED	ADHOC 3rd Payment to BHEL for Barauni as Approval Date 30/07/2019	2019-20	CLAIMED		2216019	8916970	11132989	0.00
62	BHARAT HEAVY ELECTRICALS LIMITED	Payment for balance BSPGCL verified invoices of BHEL against outstanding	2019-20	CLAIMED			11038795	11038795	0.00
63	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2019-20	CLAIMED				0	0.00
64	SANJEET	shifting of vacant drums from different locations to	2019-20	CLAIMED				0	0.00
65	MATA CONSTRUCTION	Regularising PO for Cleaning of Raw Water Reservoir in Stage II of	2019-20	CLAIMED				0	0.00
66		Removal of scrap from st-II and township	2019-20	CLAIMED				0	0.00
67	GAYA PRASAD SINGH CONSTRUCTION	Transportation of mill rejects from Stage-I to Stage-II CHP area at NTPC	2019-20	CLAIMED				0	0.00
68	IIT ROORKEE	Area Drainage Study of Plant, township and Ash Dyke of Barauni Thermal Power Station	2019-20	CLAIMED				0	0.00
69	K K CONSTRUCTION	vegetation removal and grass cutting of Stagel <(>&<)> Stage-II.	2019-20	CLAIMED				0	0.00
70	P K ENGINEERING	Regularising PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED				0	0.00
71	LALLU SINGH	Regularising PO for vegetation removal and grass cutting in various area	2019-20	CLAIMED				0	0.00
72	SAKIB	Rectification of coupling leakage in Ash slurry line of stage-II	2019-20	CLAIMED				0	0.00
73	SAKIB	Deashing chute of ash silo-2	2019-20	CLAIMED				0	0.00
74	GAYA PRASAD SINGH CONSTRUCTION	Regularing PO for Jungle cutting in various area of Stage-II in NTPC	2019-20	CLAIMED				0	0.00
75	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2020-21	CLAIMED				0	0.00
76	Bharat Heavy Electricals Ltd	Purchase order for payment of Balance supply against Different BHEL Units for 2x250MW stage-II Barauni TPS	2020-21	CLAIMED				0	688628.00
77	Bharat Heavy Electricals Ltd	Release of payment against BSPGCL Verified BHEL Invoices.S/XX/03/8/0290 & S:XX:03:8:0355	2020-21	CLAIMED				0	1129287.00
78	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer , Chemist from M/s	2020-21	CLAIMED				0	0.00
79	RUPAK KUMAR	Concertina coil fixing on the top of Boundary wall of Stage-I <(>&<)>	2020-21	CLAIMED				0	0.00
80	STEAG ENERGY SERVICES INDIA PVT LTD	Deployment of Shift In Charge , Control Engineer	2020-21	CLAIMED				0	0.00
81	GAYA PRASAD SINGH CONSTRUCTION	Deployment of 02 Nos of Sprinkler at BTPS	2020-21	CLAIMED				0	0.00
82	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2020-21	CLAIMED				0	0.00
83	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2020-21	CLAIMED				0	0.00
84	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2020-21	CLAIMED				0	0.00

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Location: NTPC LTD.

Liability Flow Statement				FORM-S					Form-S
Name of the Petitioner		**NTPC Ltd.**							
Name of the Generating Station		**Barauni TPS Stage-II**							Amount in Rs
Sl No.	**Party name**	**Name of work**	**Year of creation**		**Contractors ERV updation**	**Discharge during the year 2023-24**		**Total discharge**	**Undischarged liabilities relating to GB 31.03.2024**
						-by payment	**-by reversal**		
85	POWERTEC SUPPLIES INDIA PVT LTD	Rectification of faulty SMPS of Unit - 9 at NTPC Barauni	2020-21	CLAIMED				0	12460.00
86	RANJEET KUMAR SINGH	Modification and Inter Connection of Ash Disposal of Stage-II and Separate AWRS Line from Stage-II.	2020-21	CLAIMED				0	0.00
87	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2020-21	CLAIMED				0	0.00
88	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2020-21	CLAIMED				0	17733.00
89	SHAHANSAH AUTO WORKS	Hiring of crane & erection of balance conveyor gallery 2A/B at risk and cost of BHEL in Barauni TPS Stage-II (2x250 MW)	2020-21	CLAIMED		45000		45000	0.00
90	JAYA SHREE AND CO	Construction of Gate on NH and plant boundary rail lines and barrier of line, at Barauni TPS	2020-21	CLAIMED				0	0.00
91	RANJEET KUMAR SINGH	Construction of Gate at external boundary wall entrance at Stage-II, at Barauni TPS.	2020-21	CLAIMED		27761		27761	0.00
92	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards puchase	2020-21	CLAIMED				0	0.00
94	BIHAR STATE POWER GENERATION CO LTD	Payment to BSPGCL and PFC on behalf of BSPGCL towards purchase	2020-21	CLAIMED				0	0.00
95	SHREE ABIRAMI ENGGINEERING WORKS	Supply of Distribution Transformers for Barauni Thermal.	2021-22	CLAIMED				0	0.00
96	Bharat Heavy Electricals Ltd	Balance Civil,structural and architectural works for 2x250 MW Baruni Thermal Power Station (Extension project) unit#8 & 9 Begusrai Bihar Barauni	2021-22	CLAIMED				0	0.00
97	INDUSTRIAL TRADE LINKS	Procurement of Portable Lube Oil Centrifuging Machine for cleaning of oil in Mechanical Maintenance Department of Barauni TPS	2021-22	CLAIMED				0	211810.00
98	PRAGATI ELECTRICAL	Construction and Maintenance of Temporary drain from Barauni TPS Stage	2021-22	CLAIMED				0	0.00
99	GAYA PRASAD SINGH CONSTRUCTION	Deployment of JCB, Tractor and manpower in Barauni Stage-II	2021-22	CLAIMED				0	0.00
100	GAYA PRASAD SINGH CONSTRUCTION	Grass turfing in the transformer yard AND CW Pump House area of StageII BTPS Barauni	2021-22	CLAIMED				0	0.00
101	RAJEEV KUMAR SINGH	Laying of new water distribution pipe line in Barauni TPS Township	2021-22	CLAIMED				0	0.00
102	SANJAY KUMAR SINGH	Shifting of Materials and Scraps at NTPC Barauni.	2021-22	CLAIMED				0	0.00
103	P S CONSTRUCTION	CLSM WORKS IN NTPC BARAUNI	2021-22	CLAIMED				0	0.00
104	RUPAK KUMAR	Civil works for ZLD Scheme in Stage-II at BTPS, Barauni	2021-22	CLAIMED				0	270018.00
105	SAKIB	Laying of 600 NB ERW MS pipe at wagon tippler area, NTPC Barauni, Stage-II.	2021-22	CLAIMED		69715		69715	0.00
106	ANAND KUMAR SINGHANIA	Construction of Road in BTPS Township Barauni	2021-22	CLAIMED				0	1028677.00
107	Bharat Heavy Electricals Ltd	BHEL claim against contingency hopper arrangement to feed Raw coal to Crusher house, NTPC Barauni.	2021-22	CLAIMED				0	529000.00
108	GE POWER INDIA LTD	Supply of Main equipment under combustion modification pkg for Barauni TPP	2021-22	CLAIMED				0	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

PART 1
FORM-T

Summary of issue involved in the petition

Name of the Company :		**NTPC Limited**	
Name of the Power Station		**Barauni-II TPS (2 x 250 MW)**	
1	**Petitioner:**	**NTPC Limited**	
2	**Subject**	**REVISION OF TARIFF FOR THE PERIOD 2019-24**	
3	i) Approve revised tariff of Barauni-II for the tariff period 2019-24 as per provision of Regulation 13 of Tariff Regulations 2019. ii) Allow the reimbursement of water charges, capital spares and security expenses for the instant station, as claimed by the Petitioner. iii)Consider station heat rate based on design heat rate with applicable operating margin. iv)Pass any other order as it may deem fit in the circumstances mentioned above.		
4	**Respondents: 2 (nos)**		
	Name of Respondents :		
	a. North Bihar Power Distribution Company Ltd.		
	b. South Bihar Power Distribution Company Ltd.		
5	**Project Scope**	**(2x250) MW Thermal Power Station**	
	COD	**01.11.2021**	
	Add cap Claim		
	2019-20		**Refer Form 9A**
	2020-21		
	2021-22		
	2022-23		
	2023-24		
	AFC (2019-20)	**Refer Form-1(i)**	
	Capital cost as on 01.04.2019	**Refer Form-1(i)**	
	NAPAF (Gen)	**85%**	
	Any Specific		

Petitioner

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Annexure-A

GOVERNMENT OF BIHAR
ENERGY DEPARTMENT

NOTIFICATION

No. 05 Dated 27/06/2018

THE BIHAR POWER GENERATION UNDERTAKINGS TRANSFER SCHEME, 2018

In exercise of powers conferred under Sections 131, 134 and other applicable provisions of the Electricity Act, 2003, the Government of Bihar hereby makes the following Scheme for the purpose of transfer and vesting of properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KUBNL), from BSPGCL to NTPC Limited.

The State Government hereby appoints (to be notified later) as the date of coming into force of 'The Bihar Power Genration Undertakings Transfer Scheme 2018' ("Transfer Scheme"), and as the Date of Transfer of above mentioned specified properties, interests, rights, assets, liabilities and personnel, from BSPGCL to NTPC Limited, a public Company limited by shares having registration no. CIN L40101DL1975GOI007966 dt. 07.11.1975.

WHEREAS in terms of the Memorandum of Understanding (MoU) dated 15.05.2018 executed by and amongst the Government of Bihar (hereinafter referred to as "GoB"), Bihar State Power Holding Company Ltd (hereinafter referred to as "BSPHCL"), Bihar State Power Generation Company Ltd (hereinafter referred to as "BSPGCL", Bihar State Power Transmission Company Ltd (hereinafter referred to as "BSPTCL"), North Bihar Power Distribution Company Ltd (hereinafter referred to as "NBPDCL"), South Bihar Power Distribution Company Ltd (hereinafter referred to as "SBPDCL") and NTPC

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Location: NTPC LTD.

Limited (hereinafter referred to as "NTPC"), hereinafter be collectively referred to as the "Parties" and individually be referred to as the 'Party'. GoB, BSPHCL, BSPGCL, BSPTCL, NBPDCL, and SBPDCL (hereinafter be collectively referred to as the "Parties of Bihar Govt."), have agreed to transfer and vest properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KUBNL), from BSPGCL to NTPC Limited.

AND WHEREAS in pursuance of the said understanding reached, the Parties have agreed and / or are taking the following steps:

I. **NTPC would take over the assets of Barauni Thermal Power Station (BTPS), as mentioned below:**

a. Stage - I: NTPC shall takeover Stage-I (Unit# 6 and 7 - 2 X 110 MW) of BTPS on as-is where-is basis. Further, as the R&M of Stage-I is being carried out through grant from Central/State Government, the unutilized grant (by Niti Aayog and other sources, if any) will be transferred to NTPC to complete the balance R&M works; alternatively the payment will be released by BSPGCL. NTPC may further retain an additional amount for adjusting any contingency payment for utilizing towards completion of activities for Stage-I (details given in Point D, Part-II Schedule A). ;

b. Stage - II: NTPC shall takeover Stage-II (Unit# 8 and 9 - 2 X 250 MW) of BTPS. Balance Works shall be completed by NTPC, within 18 months on a best efforts basis. The cost to complete and Interest During Construction, precommissioning, overheads, financing charges etc. for Stage-II of BTPS and other liabilities shall be adjusted against total the transfer consideration of BTPS Assets.;

c. Any balance amount available with NTPC, as per the actual

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expenditure incurred, from the consideration amount retained with NTPC, post completion of activities and settlement of vendor payments, would be adjusted against the power purchase dues of the Bihar Discoms.;

d. Any additional expenditure required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff as per Article IX b.

II. **NTPC would buy-out the equity of BSPGCL in KBUNL;**

III. **NTPC would buy-out the equity of BSPGCL in NPGCL;**

IV. **Consideration to be paid by NTPC to BSPGCL** for transfer of assets and equity buy-out would be as follows:

a. The Consideration of the BTPS Assets shall be as agreed between the Parties, subject to acceptance by CERC and will form the basis for determination of fixed charge of the tariff payable by the Bihar Discoms. NTPC, subject to adjustments if any, shall pay this value to BSPGCL as Transfer Consideration of BTPS Assets.

i. The consideration towards BTPS Assets, as agreed, shall also include the estimated cost to be incurred by NTPC towards completion of the Stage-II units to render them capable for sustained Commercial Operation which will include direct capital expenditure, Interest During Construction, precommissioning, overheads, financing charges etc.

ii. Parties agree that the decommissioned units of BTPS Stage-I (Unit # 1-5) along with associated scrap / inventory shall not form part of the consideration. These units shall be dismantled and disposed off (along with associated scrap/inventory in store) by NTPC at risk and cost of BSPGCL. NTPC is to ensure that these units are disposed off in the most efficient and effective manner with due care to realise their revenue

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potential appropriately. Proceeds realized from such disposal less administrative and incidental expenses towards this sale shall be to the account of GoB/BSPGCL, which upon realization can be adjusted against the receivables of NTPC from NBPDCL and SBPDCL.

b. The equity shares of BSPGCL in KBUNL and NPGCL, shall be acquired by NTPC at face value.

c. The net consideration for BTPS assets and equity buyout of KBUNL and NPGCL, shall be worked out after first adjusting the outstanding debt liabilities and dues of Bihar Discoms towards sale of Power by KBUNL to Bihar Discoms in the transfer consideration.

d. The total consideration for BTPS (including the cost to completion) would be considered for adjustment in the books of accounts of BSPGCL.

V. **Utilisation of funds:** The consideration received for BTPS and equity shares in KBUNL and NPGCL, would be utilised by BSPGCL for settling its outstanding debt including pre-payment charges, towards FIs / Banks first. Any balance consideration post settlement of debt obligations, would be utilised for adjustment of outstanding power purchase dues of the Bihar Discoms. The same has been detailed in Schedule A (Part-V).

VI. **Treatment of Power Purchase Agreements (PPAs):**

a. The existing power purchase arrangements would continue to be in force;

b. The PPA signed by BSPGCL with the Bihar Discoms for the BTPS shall be assigned to NTPC along with transfer of BTPS Assets through an Amended and Restated / Supplementry Power Purchase Agreement incorporating any other changes as required which shall include payment security mechanism provided by the Bihar Discoms to NTPC as per other PPAs of NTPC with Bihar Discoms.

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VII. **Water for BTPS:** GoB and BSPGCL shall ensure that the ongoing contingency scheme shall be suitably augmented to meet the requirement of BTPS Assets.

VIII. **Coal for BTPS:** BSPGCL shall apply to Ministry of Power, GoI (MOP) / Ministry of Coal, GoI (MOC) to facilitate transfer of following Coal linkages allocated to BTPS:

a. Existing Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage- I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage-I by NTPC.

b. Assignment of existing Bridge Linkage of 1.07 MTPA for BTPS Stage- II from CCL mines.

c. Apply to MoP/MoC for allocation of coal for BTPS Stage-II under the SHAKTI scheme, 2017 of GoI.

d. Further on the matter of Badam coal block, which has been allotted to BSPGCL, it has been agreed between NTPC and BSPGCL that in view of the difficulties being faced by BSPGCL in development of the coal block, BSPGCL would surrender the coal block to the Ministry of Coal (MoC), Govt. of India. Consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.

IX. **Tariff determination:**

a. Upon the transfer and vesting of BTPS Assets in NTPC on the Asset Transfer Date, BTPS will be under the regulatory jurisdiction of the Central Electricity Regulatory Commission

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(CERC) for determination of tariff as per Section 79(1)(a) of the Electricity Act, 2003.

b. For Badam coal block, post the surrender by BSPGCL, consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.

c. Any additional expenditure required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff.

d. NTPC would exercise prudence check over the expenditure on BTPS units so as to keep the fixed charges of BTPS units within 10% of the estimated first year fixed charges in normal conditions, except legal, statutory & force majure conditions. NTPC will have to obtain prior approval from Govt. of Bihar against the project cost leading to increase in fixed charges beyond 10%.

1. ***Short Title, Extent and Commencement :-***

1.1 This Scheme may be called "The Bihar Power Generation Undertakings Transfer Scheme, 2018".

1.2 The Scheme shall extend to the whole of the State of Bihar and shall include specified properties, interests, rights, assets of specified undertakings, wherever situated.

1.3 The Scheme shall be deemed to have come into force from the date of its publication in the official gazette.

2. ***Definitions - In the Scheme, unless the context otherwise requires :-***

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(a) "Act" means the Electricity Act, 2003 (36 of 2003) and any subsequent amendments thereto;

(b) **"Amended and Restated PPA"** means the Power Purchase Agreement to be entered into between NTPC and the Bihar Discoms in pursuance of the transfer and vesting of generating undertakings and interest therein to NTPC Limited in terms of this Scheme.

(c) **"Assets"** means all assets & properties including power systems, plant, machinery, appurtenant land, building, offices, stores, furniture, fixtures, vehicles, residential quarters and guest houses and amenities and installations pertaining and attached thereto and other movable and immovable assets, tangible and intangible assets, benefits, licenses, consents, authorities, registration, patents, trademarks and powers of every kind, nature and description whatsoever, privileges, liberties, easements, advantages, benefits and approvals, contracts, deeds, schemes, bonds, agreements, arrangements and other instruments and interest of whatever nature and wherever situated and including the contingent assets, which may arise in regard to dealings before the effective date of transfer in respect of and limited to the specified Undertakings as specified in this Scheme;

(d) **"Bihar DISCOMS"** means the North Bihar Power Disctribution Company Limited (NBPDCL) and the South Bihar Power Distribution Company Limited (SBPDCL), the two State Distribution Licensees in the State of Bihar;

(e) **'BSPGCL'** means Bihar State Power Generation Company Limited;

(f) **'BTPS'** means Barauni Thermal Power Station situated at Begusarai, Bihar.

(g) **"Effective Date of Transfer"** means the respective dates from which the transfer of each part of the Specified Undertakings or assets or interest are transferred to the Transferee by an order passed by the State Government for the said purpose;

(h) **"KBUNL"** means Kanti Bijlee Utpadan Nigam Limited, a Joint

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Venture Company of NTPC and BSPGCL;

(i) "**Liabilities**" means all liabilities, debts, duties, obligations and other out-standings including statutory liabilities and Government levies of whatever nature and contingent liabilities which may arise in regard to the dealings before the Effective Date of Transfer in respect of the Specified Undertakings, as specified in this Scheme finally transferred to the Transferee under this scheme;

(j) **"MOU"** means Memorandum of Understanding signed on 15.05.2018 amongst the Govt of Bihar, Bihar State Power Holding Company Ltd, Bihar State Power Generation Company Ltd, Bihar State Power Transmission Company Ltd, North Bihar Power distribution Company Limited, South Bihar Power Distribution Company Limited and NTPC Limited;

(k) **"NPGCL"** means the Nabinagar Power Generating Company Private Limited, a Joint Venture Company of NTPC and BSPGCL;

(l) **"NTPC"** means the NTPC Limited, a Government of India Undertaking;

(m) **"PPA"** means the Power Purchase Agreement signed or Power procurement arrangement existing between BSPGCL and the Bihar Discoms for BTPS Stage-I and Stage-II and to the extent relevant, the Power Purchase Agreement signed between Bihar DISCOMS and KBUNL, the Power Purchase Agreement signed between Bihar DISCOMS, and NPGCL;

(n) "**Proceedings**" means the proceedings of whatever nature including suits, appeals, complaints, petitions, applications, conciliation, arbitration whether civil or criminal or otherwise, in which the Transferor is one of the parties;

(o) "**Schedules**" means the Schedules appended to this Scheme;

(p) **"Specified Liabilities"** means only those liabilities given in Schedule B and shall not include any other liability by whatever name called and shall not extend to any contingent liabilities pertaining to the period prior to the Effective Date of Transfer;

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(q) **Specified Personnel"** means workmen, employees, staff and officers of the Transferor by whatever name called on the regular rolls of BTPS Stage-I and Stage-II as on the date of notification of this Scheme.

(r) **'Specified Undertaking"** means the following:
BTPS Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity shares in NPGCL and (c) equity shares held in KBUNL as set out in Schedule A to the Scheme;

(s) **"State"** means the State of Bihar;

(t) **"State Government"** means the Government of Bihar;

(u) **"Transferor"** in regard to BTPS Stage-I and Stage-II situated at Begusaria, Bihar and equity interest held in KBUNL and NPGCL;

(v) **"Transferee"** means NTPC;

(w) **"Undertaking(s)"** mean the functions, business and a block or blocks of properties, equity shares in generating company interest, rights, assets, obligations, proceedings to the extent and in the manner specified as a part of the undertakings of the Transferor and such other properties, interests, rights, assets, specified liabilities, specified Personnel as specified in this Scheme.

(x) Words and expressions which are used in the Scheme and also defined in the Act but not specifically defined in this Scheme shall have the same meaning as assigned to them in the Act.

3. ***Transfer of Specified Undertaking:-***

3.1 On and from the Effective Date of Transfer, as notified by the State Government, the relevant Specified Undertaking, namely those listed in Schedule A alongwith Specified Liabilities as listed in Schedule B shall stand transferred from the relevant Transferor and vested in the Transferee without any further act or thing to be done by the State Government or the Transferor or the Transferee or any other person, subject however, to the terms and conditions specified in the Act and this Scheme. For the

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associated land of BTPS, it is to be specifically noted that the appurtenant land would be given on a nominal lease for a period of 33 years from the effective transfer date to NTPC, and the ownership would continue to remain with BSPGCL / Government of Bihar.

It is also clarified that if in future NTPC undergoes any disinvestement and/or privatisation for any reason whatsoever, the lease of land in question will get transferred from one party to another and the ownership of land will remain with the BSPGCL/GoB.

3.2 On such transfer and vesting of the Specified Undertaking in terms of sub-clauses 3.1, the Transferee shall have the rights in the Specified Undertakings and undertake the functions and rights hitherto performed by the relevant Transferor including in regard to be responsible for all functions, contracts, rights, deeds, schemes, agreements, proceedings and other instruments of whatever nature relating to the Specified Undertakings transferred to the Transferee, to which the relevant Transferor is a party, subsisting or having effect on the date of the transfer, and the same shall remain in force and effect against or in favor of the Transferee and may be enforced effectively as if the Transferee had been a party thereto instead of the relevant Transferor.

3.3 The Liabilities of the Specified Undertakings including in relation to the project initiated or pertaining to the period prior to the Effective Date of Transfer, excluding the Specified Liabilities, shall be to the account of the relevant Transferor and the Transferee shall not be in any way be made liable or responsible. In terms of the above, all awards, decrees or orders of any court, tribunal or other authority in relation to the Specified Undertakings in respect of any matter, claim or dispute which arose after the Effective Date of Transfer shall be to the account

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of the Transferee. The Transferee shall be liable to pay or meet only liabilities that are related to the Specified Undertakings for the period after the Effective Date of Transfer including suits, Proceedings and the Transferee shall not be liable or responsible for any liability or matter which relates to the period prior to the Effective Date of Transfer but becomes known after the Effective Date of Transfer.

3.4 As consideration for the transfer and vesting of the Specified Undertakings as specified in this Scheme, Transferee shall pay to the Transferor, an Asset Transfer Value as provided in Schedule A.

3.5 The relevant Transferor shall duly discharge all the outstanding debts on the Assets, properties, interest and lien, secured or unsecured, contingent or otherwise existing, as on the Effective Date of Transfer excluding however the Specified Liabilities and ensure the Assets, properties, interest etc, being transferred and vested in the Transferee are free of all encumberances, lien or charges of any nature whatsoever. The relevant Transferor shall arrange to furnish to the Transferee the necessary approval and No Objection Certificate from the lenders and others having any lien over the Assets, properties and interest free from any such charge encumbrance or lien.

3.6 The entire available capacity, subject to the approval of the Central Government, from BTPS shall be generated and supplied by NTPC to the Bihar Discom, in line with the Amended & Restated / supplementary PPA to be signed, as per the Tariff terms and conditions determined by the Central Electricity Regulatory Commission and the terms and conditions of the Amended and Restated Power Purchase Agreement to be entered into between NTPC and the Bihar Discoms, in line with other standard PPAs signed between NTPC and the Bihar Discoms.

4. ***Transfer of Personnel.-***

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4.1 No Specified Personnel shall be transferred to NTPC. NTPC shall assess and decide about keeping certain identified personnel of BSPGCL on deputation basis for initial stabilization period, for a maximum period of 90 days from the Asset Transfer Date, with the understanding that manpower on the rolls of BTPS shall be repatriated back as per the repatriation plan decided by NTPC and GoB / BSPGCL.

All employees related liability for the services already rendered by the Specified Personnel engaged in Barauni Thermal Power Station, shall lie with BSPGCL and no part of any such liabilities shall be borne by NTPC.

5. ***Rights and obligations of third parties restricted:-***

Upon the transfer being effected in accordance with the provisions of the Act and this Scheme subject to the limitation on the liability of the Transferee provided in this Scheme or in any Supplemental Agreements that may be entered into between the Transferor and the Transferee, the rights and obligations of all persons to the extent of the transfers effected by this Scheme shall be restricted to the Transferee and such person shall not claim any right or interest against the transferor.

6. The State Government shall notify the Effective Date of Transfer for the Specified Undertaking and Specified Personnel after the completion of the following:

a. Grant of approval by the Bihar Electricity Regulatory Commission under Rule 8 of the Electricity Rules, 2005 to the Bihar DISCOMS for the Power Purchase arrangement at the Tariff terms and conditions to be determined by the Central Electricity Regulatory Commission in regard to BTPS;

b. Execution of the Amended and Restated PPA in regard to Power purchase by Bihar Discoms from Barauni Thermal Power Station;

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c. Permission/Approval/No objection from the lenders and others for transfer of the assets and interest in the Specified Undertaking free of encumberances.

d. Allocation of 100% power from BTPS to State of Bihar by Ministry of Power, Government of India.

e. Assignment of following Coal linkages allocated to BTPS by Ministery of Coal, Government of India:

i) Existing Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage- I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage- I by NTPC.

ii) Assignment of existing Bridge Linkage of 1.07 MTPA for BTPS Stage- II from CCL mines.

f. Application by BSPGCL to MoP/MoC for allocation of coal for BTPS Stage-II under the SHAKTI scheme, 2017 of GoI.

g. Amendment of Memorandum of Agreement signed between NTPC Ltd. and BSPGCL and Article of Association, as may be required, to enable the transfer of shares to NTPC and exit of BSPGCL from KBUNL.

h. Amendment of Joint Venture Agreement between NTPC Ltd. and BSPGCL and Article of Association, as may be required, to enable transfer of shares to NTPC and exit of BSPGCL from NPGCL.

7. The State Government through BSPGCL undertakes to provide land of approximately 300 acres for ash dyke, requisite land for railway siding, ash water pipeline corridor and requisite Right of Way (RoW) / Right of Use (RoU) for make up water line, as required for completion of BTPS Stage-II, within 3 months on a best effort basis from the Effective Date of Transfer.

8. ***Transfer by operation of law*** :- The transfers under this Scheme shall operate and be effective pursuant to action of the State Government by publishing this Scheme and Orders issued in terms of this Scheme and without any further act, deed or thing to be done by the State

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Government, Transferor or the Transferee or any other person, subject to the terms and conditions of this Scheme.

9. ***Power to remove difficulties :-***

a) The State Government may, by order publish in the *Official Gazette, and* with the consent of the Transferee, amend this Scheme and make such provisions, not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulties arising in implementing the transfers under this Scheme.

b) If any doubt, dispute, difference or issue shall arise in regard to the transfers under these rules, subject to the provisions of the Act, the decision of the State Government thereon, shall be final and binding on all parties.

c) The State Government may, by order published in the official Gazette, make such provisions, not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulties arising in implementing the transfers under these rules.

10. ***Exemption of Duty :-***

All charges, duties, levies, taxes, stamp/registration fee etc. contingent to be levied by the Government of Bihar upon transfer of Specified Undertakings to NTPC, stand waived.

By order of the Governor of Bihar

Sd/-

(Pratyaya Amrit)
Principal Secretary.

Memo No-₹0 / BSPGCL–01 / 2018 /Patna, Dated-

Copy with CD forwarded to the Dy. Secretary, Press (e-gazette Cell), Finance Department, Bihar, Patna to publish in forthcoming extraordinary issue of the Bihar Gazette.

2. He is requested to make available 100 copies of the published gazette to Energy Department, Govt.of Bihar.

Sd/-

Principal Sectetary

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Memo No-प्र0 / BSPGCL–01 / 2018 1826 /Patna, Dated- 23/02/2018

Copy to: Principal Secretary to Hon'ble Chief Minister, CM Secretariat, Patna/ Principal Private Secretary to Chief Secretary/ Private Secretary to Hon'ble Energy Minister/ Secretary, Ministry of Power, Govt. of India, New Delhi/ Chairman, Bihar Electricity Regulatory Commission, Patna/ Principal Secretary, Finance Deptt., Bihar, Patna/ Principal Secretary, Revenue and Land Reforms Deptt., Bihar, Patna/ Secretary, Planning and Development Deptt., Bihar, Patna/ All Govt. Deptt./ Head of all Deptt./ Chairman-cum-Managing Director, NTPC, SCOPE Complex, Lodhi Road, New Delhi/Regional Executive Director, East-I, NTPC, Loknayak Jaiprakash Bhawan, Patna/ Accounts Section, Energy Deptt., Patna/ Budget Section, Energy Deptt., Patna/ Joint Secretary, Energy Deptt., Bihar, Patna/ Chairman-cum-Managing Director, Bihar State Power (H) Company Ltd, Patna/ Managing Director, Bihar State Power Generation Company Ltd, Patna/ Managing Director, South Bihar Power Distribution Company Ltd, Patna/ Managing Director, North Bihar Power Distribution Company Ltd, Patna/ Managing Director, Bihar State Power Transmission Company Ltd, Patna/ Managing Director, Bihar State Hydroelectric Power Corporation Ltd/ Director, BREDA, Sone Bhawan, Patna/ District Magistrate-Cum-Collector, Begusarai/Muzaffarpur/Aurangabad/ IT Manager, Energy Deptt., Patna for information and necessary action.

Principal Secretary

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SCHEDULE `A'

CONSIDERATION PAYABLE FOR TRANSFER OF SPECIFIED UNDERTAKING AND METHOD AND MANNER OF PAYMENT ADJUSTMENTS

Part-I: BTPS SPECIFIED UNDERTAKINGS

1. The Specified Assets are transferred to NTPC as per the consideration given in 'Schedule A Part-II', including inter-alia the assets stated in this schedule enumerated below.

2. Specified assets include all assets, including allocation of water (for Stage-I and Stage-II) from reservoir, rights, powers, authorities, consents, permits and privileges and all specified properties both movable and immovable, including buildings, offices, stores, machinery and equipment, instruments, office furniture, stationery, office equipment and installations pertaining thereto and other rights and interests in or arising out of such specified properties and aforesaid specified assets as were existing immediately before the Effective Date of Transfer in the ownership, possession and control of BSPGCL, whether within the Project area or outside and all records, drawings, registers and other documents as available of whatever nature relating thereto, including but not limited to the feasibility report, drawings, manuals etc.

3. Provision of Land:

   a. The Government of Bihar and BSPGCL would hand over physical possession of the Land, free and clear of all Encumbrances to NTPC.

   b. The land is to be provided by the BSPGCL to NTPC, at a lease rent of Rs 1/- for a period of 33 years from Asset Transfer Date.

   c. The details of land undertakings available for BTPS is as follows:

i.	Area for Stage-I plant	:	168.91 Acres
ii.	Area for Stage-II plant	:	254.00 Acres
iii.	Area for existing Ash Dyke	:	56.00 Acres

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iv.	Area for new Ash Dyke	:	293.75 Acres
v.	Area for plant township	:	139.18 Acres
vi.	Total BTPS land area	:	911.84 Acres

4. Assignment of following Coal linkages allocated to BTPS by Ministary of Coal, Government of India, to NTPC:

   a. Fuel Supply Agreement (FSA) with ECL for providing Annual Contracted Quantity of 1.1 MTPA coal for BTPS Stage-I including necessary permissions from the Standing Linkage Committee (Long Term), MoP/MoC on takeover of BTPS Stage- I by NTPC.

   b. Existing Bridge Linkage of 1.07 MTPA for BTPS Stage-II from CCL mines.

5. For supply of water, there is an existing infrastructure for supplying of underground water for the operations of Stage-I. There is also a contingent arrangement for supply of water for operations of Stage-II. These would be transferred to NTPC.

6. All rights, allocations, Approvals including, concurrence of the CEA, coal linkage approvals/sanctions etc. obtained and/or committed for the BTPS, the Land, supply of water, environment and forest etc, as available to BSPGCL or the Government of Bihar are transferred and handed over by BSPGCL or the Government of Bihar to NTPC as of the Effective Transfer Date. BSPGCL or the Government of Bihar, without any liability on and to NTPC, shall duly notified the Authorities in respect of such transfer of Approvals, as required. NTPC shall assist BSPGCL by providing timely information/documents in order to enable such transfers by BSPGCL.

7. All data, records and documents related to the Project, as available with BSPGCL or the Government of Bihar is transferred by BSPGCL or the Government of Bihar to NTPC.

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8. All municipal taxes, duties, cess, levies chargeable on the assets and properties of the BTPS up to the Effective Transfer Date shall be borne by Government of Bihar.

9. BSPGCL or the Government of Bihar, shall extend all possible help for the smooth operation of the Project, including during R&M of Stage-I and for completion of Stage-II, without any hindrance.

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Part-II: TRANSFER CONSIDERATION FOR BTPS UNDERTAKINGS

Assets (both movable and immovable) of BTPS Stage-I and Stage- II alongwith associated land, infrastructure, approval, agreements, concessions and consents (hereinafter both Stage-I and Stage-II of BTPS referred to as "BTPS Assets"), free from all encumberances and charges.

A.	Total Consideration for BTPS Stage-I & II as mutually agreed	Rs 3441.6 Cr
B.	Balance cost to completion to be incurred by NTPC for Stage-II *	Rs 1,023.00 Cr
C.	Additional expenditure on account of IDC for 13 months (i.e. upto June'19)	Rs 185.00 Crs
D.	Contingency amount to be retained by NTPC for completion of Stage-I (any balance remaining with NTPC post completion would be adjusted with outstanding Bihar Discom dues)	Rs 20 Crs
E.	**Net consideration to be paid by NTPC for BTPS Stage-I & II**	**Rs 2,213.60 Cr**
I	Apportionment of consideration for BTPS Stage-I (2x110 MW)	Rs 150 Cr
II	Apportionment of consideration for BTPS Stage-II (2x250 MW)	Rs 3,291.6 Cr
III	Total consideration for BTPS	Rs 3,441.6 Cr

Subject to the above, the consideration shall be paid by NTPC in the following manner:

(i) An amount of **Rs 22,13,60,00,000/-** will be paid by NTPC to Bihar State Power Generation Company Limited within 7 days of Effective Date of Transfer.

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(ii) The consideration shall be payable by NTPC to Bihar State Power Generation Company Limited subject to adjustment as under (details for which are as provided in Schedule B):

(a) Discharge of Specified Liabilities.

(b) Estimated Expenditures to be incurred/accured towards completion of balance work of the Stage-II units to render the Stage-II units capable of sustained Commercial Operation.

For the avoidance of doubt the cost to be incurred/ accrued by NTPC for achieving Comemrcial Operations of Stage-II shall include, but not limited to, direct capital expenditure, Interest During Construction, Incedental expenditure duting construction, precommissioning expenses and financing costs etc.

Any additional expenditure, beyond the estimates, required for completion of facility or compliance to environmental norms/regulatory/statutory order, subject to the approval of CERC, shall form part of capital cost for determination of Tariff.

** NTPC would adjust for any additional expenditure incurred by BSPGCL during the period from 31st May 2018 and the actual Asset Transfer Date, based on actual expenditure. (This amount would be adjusted from Rs.1,023 crores). The net consideration to be paid to BSPGCL would accordingly be revised upwards.*

***In case of any further escalation in the cost, the same would be passed an as per sub-clause (b) above.*

Part-III: TRANSFER CONSIDERATION FOR BSPGCL'S EQUITY IN KBUNL

Bihar State Power Generation Company Limited's equity of **Rs 392,78,48,300/-**, corresponding to **39,27,84,830** number of shares in KBUNL, shall be transferred and vested in NTPC at face value. The consideration shall be paid by NTPC within 7 days from Effective Date of Transfer, subject to adjustment,

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if any, of the total the receivables of NTPC towards sale of power to Bihar Discoms.

Number of Shares held by BSPGCL in KBUNL	39,27,84,830
Face Value of Each shares held by BSPGCL in KBUNL	Rs. 10/-
Total Consideration	Rs. 392,78,48,300/-

Part-IV: TRANSFER CONSIDERATION FOR BSPGCL'S EQUITY IN NPGCL

Bihar State Power Generation Company Limited's equity of Rs **17,37,19,00,000/-**, corresponding to **1,73,71,90,000** number of shares in NPGCL, shall be transferred and vested in NTPC at face value.. The consideration shall be paid by NTPC within 7 days from Effective Date of Transfer, subject to adjustment, if any, of the total the receivables of NTPC towards sale of power to Bihar Discoms.

Number of Shares held by BSPGCL in NPGCL	173,71,90,000
Face Value of Each shares held by BSPGCL in NPGCL	Rs. 10/-
Total Consideration	Rs. 17,37,19,00,000/-

Part-V: NET CONSIDERATION FROM NTPC TO BSPGCL / GOVERNMENT OF BIHAR

For the avoidance of doubt, the net consideration from NTPC for BTPS, and towards the equity buy-out of BSPGCL shares in KBUNL and NPGCL, would be calculated as the following.

A.	Net consideration for BTPS	Rs 2,213.60 Cr
B.	Consideration for equity buy-out at face value for KBUNL	Rs 392.8 Cr
C.	Consideration for equity buy-out at face value for NPGCL	Rs 1,737.2 Cr
D.	Total consideration from NTPC to BSPGCL /	Rs 4,343.60 Cr

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	Government of Bihar (A+B+C)	
E.	Debt repayment of BSPGCL towards Stage-II to lenders (including pre-payment charges)*	Rs 4,216.75 Cr
E.	Net consideration from NTPC to BSPGCL / Government of Bihar available for adjustment of NTPC receivable from SBPDCL and NBPDCL**	Rs 126.85 Cr

* As on 31st May 2018

** The above amount may be adjusted against the receivables of KBUNL and NTPC, if any, towards sale of power to Bihar Discoms.

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SCHEDULE 'B'

SPECIFIED LIABILITIES TO BE TRANSFERRED TO TRANSFEREE

Sl. No.	Activity	Estimated Additional cost (Rs. Cr)	Remarks
1.	Amount payable towards Balance works/milestones as per RCE-III (except Envt. Norm compliance)	1,208 (6653-350-5365*+85+185)	RCE-III of BTPS as prepared by BSPGCL is attached.

* As on 31.05.2018

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Location: NTPC LTD.

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs. | Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
1	Supply EPC Price excluding Civil (In INR)	1369.85	1619.85	250.00	BHEL	BHEL			
2	Supply EPC Price (30,000,000 US$) (Foreign Exchange @45.00)	191.83	218.83	27.00		BHEL			
3	Supply EPC Price (28,000,000 Euro) (Foreign Exchange @50.40)	238.72	273.72	35.00		BHEL			
4	Services for Commissioning	250.44	300.44	50.00	BHEL	BHEL			
5	Inland Transportation	44.00	55.00	11.00		BHEL			
6	Taxes & Duties excluding Entry Tax	224.85	246.52	21.67		BHEL			
7	Entry Tax	127.52	200.00	72.48	BHEL	BHEL			
8	Civil Works	994.30	994.30	0.00		BHEL			
9	Spares (a) B.T.G + T.C (b) BoP	95.29	53.00	-42.29		BHEL			
10	Additional W. O. No. 1 & 2 dt 29.09.2013 for Switchyard bays, SAC capacity increase, DG Set, Hoist and Facilitiy for full rack FO unloading	43.62	43.62	0.00	BHEL	BHEL			
11	Civil Engineering Charges	15.00	15.00	0.00		BHEL			
A	EPC Price within Plant Boundary	3595.42	4020.28	424.86			87.75%	3527.80	492.48

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs.		Revised Project Cost: Rs. 6653.00 Crs.							
		(All amount in Rs. Cr.)							
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
	Proposed Ash dyke								
1	Ash dyke Land Cost	87.00	38.75	-48.25	BSPGCL		100.00%	38.75	0.00
2	R&R Costs	10.00	2.00	-8.00	BSPGCL		50.00%	1.00	1.00
3	Ash dyke construction	175.00	175.00	0.00	BSPGCL		0.00%	0.00	175.00
4	Construction of Security Outpost in Ash Dyke Area	3.00	0.00	-3.00	BSPGCL		50.00%	0.00	0.00
5	Land Cost for Ash Pipe Corridor	1.50	0.00	-1.50	BSPGCL		100.00%	0.00	0.00
6	Contingent arrangement for Ash Disposal System	0.00	2.00	2.00	BSPGCL		100.00%	2.00	0.00
	Plant								0.00
7	Locomotive	10.00	2.00	-8.00	BSPGCL		0.00%	0.00	2.00
8	Bulldozers, cranes and payloaders	12.00	6.00	-6.00	BSPGCL		100.00%	6.00	0.00
9	Protection Bund Land Cost	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
10	Protection Bund Construction	20.00	10.00	-10.00	BSPGCL	WRD (Bihar)	64.60%	6.46	3.54
11	Walkie talkie, mobiles, fire tenders	2.00	2.00	0.00	BSPGCL		0.00%	0.00	10
12	Furniture and interior works in Service Building & Administrative Building								
13	Computers, LAN								
	Railway Infrastrcture								

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.			Revised Project Cost: Rs. 6653.00 Crs.						
		(All amount in Rs. Cr.)							
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
14	Rail infrastructure	104.32	149.79	45.47	BSPGCL	RITES & Railway	85.00%	60.00	89.79
	Colony Renovation for 840 tenants								
15	Construction of Sewerage treatment plant and pumping station including excavation of rain water catchment pond and civil works for pumping	3.50	1.00	-2.50	BSPGCL		0.00%	0.00	1.00
16	Renovation of School Building	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
17	Renovation of existing quarters/ Construction of new quarters	50.00	20.00	-30.00	BSPGCL		80.00%	16.00	4.00
18	Construction of watch towers	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
19	Renovation of non residential buildings	5.00	0.00	-5.00	BSPGCL		100.00%	0.00	0.00
20	Replacement of drinking water lines, treatment plant and tanks	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
21	Construction of Shopping Complex with shops, banks, post office and other infrastructure, School, Club and other facilities etc.	1.00	1.00	0.00	BSPGCL		0.00%	0.00	1.00
22	Construction of roads-8 km, drains-RCC- 15 km	10.00	0.00	-10.00	BSPGCL		100.00%	0.00	0.00

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs. | Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
23	Ambient air monitoring stations around plant water quality anylizer etc	1.00	5.00	4.00	BSPGCL		100.00%	5.00	0.00
24	Hospital renovation and construction of casuality ward	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
25	Construction of Community hall, clubs, swimming pool and equipments	0.50	0.00	-0.50	BSPGCL		100.00%	0.00	0.00
26	Construction of Guest house, field hostels	2.00	0.00	-2.00	BSPGCL		100.00%	0.00	0.00
27	Lighting masts and illumination	2.50	2.50	0.00	BSPGCL		100.00%	2.50	0.00
28	Rewiring of existing quarters	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
29	Rewiring of existing non-residential building including hospital and schools	1.00	0.00	-1.00	BSPGCL		100.00%	0.00	0.00
30	Wiring and lighting and other electrical system of community hall, clubs, swimming pool, guest house, field hostel, canteen, bank, post office, shopping complex, other equipment	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
31	Other unforseen work	5.00	5.00	0.00	BSPGCL		0.00%	0.00	5.00
	Exisiting Unit Ash Infrastructurre								0.00
32	Approach Road to project site from NH including culvert on IOCL Pipeline	5.00	5.00	0.00	BSPGCL		0.00%	0.00	5.00

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.			Revised Project Cost: Rs. 6653.00 Crs.						
		(All amount in Rs. Cr.)							
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
33	Storm Drainage outside plant/Rain Water Harvesting/Land escaping of green belt area	23.81	23.81	0.00	BSPGCL		0.00%	0.00	23.81
	Water Infrastructure								0.00
34	Water Infrastructure	0.00	0.00	0.00	BSPGCL		0.00%	0.00	0.00
	Electrical Package								0.00
35	Erection of Transmission line (220 kV) after Gantry of Switch yard of 2X250 MW unit to existing 220 kV transmission line (6 bays)	0.00	0.00	0.00	BSPGCL		100.00%	0.00	0.00
36	Erection of interconnection transmission (132 kV) line between existing switch yard of 2X110 MW units and extension project switchyard (2X250 MW units), Rehabilitation of 2 bays of 132 kV old switchyard and shifting of 132 kV transmission line from old Ash Dyke Area	10.00	10.00	0.00	BSPGCL	BSPTCL	50.00%	5.00	5.00
37	Load Flow Study	0.00	0.00	0.00	BSPGCL		0.00%	0.00	0.00
38	Consultancy Charges - EIA, general, PMC, Railway etc	13.00	20.00	7.00	BSPGCL		95.00%	19.00	1.00
B	**Enabling Works Total**	**563.13**	**483.85**	**-79.28**					

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs. | Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work.
C	IDC (Upto Dec' 2017)	850.00	1475.00	625.00	BSPGCL		100.00%	1475.00	0.00
D	Corporate Social Responsibility	22.00	22.00	0.00	BSPGCL		0.00%	0.00	22.00
E	Pre-commissioning Expenses for trail Run, Commissioning etc (LDO/HFO/Coal/DM Water)	107.52	91.02	-16.50	BSPGCL		77.54%	70.58	20.44
	Operation & maintenance of unit# 8 & 9 for 2 months after COD	0.00	90.63	90.63	BSPGCL		50.00%	45.32	45.32
F	Pre-commissioning Epenses for Establishment (May-13 to Dec-17)	45.00	65.00	20.00	BSPGCL		65.20%	42.38	22.62
G	Security Expenditure for CISF	0.00	35.00	35.00	BSPGCL		100.00%	35.00	0.00
H	Contingency & Administrative Expenses	25.00	20.00	-5.00	BSPGCL		75.00%	15.00	5.00
I	Coal Block Development and its statutory fees etc.	100.00	0.00	-100.00	BSPGCL		0.00%	0.00	0.00
J	FGD (De-Sox), SCR (De-Nox), SPM & other associated equipments, online reporting systems and consultancy services required to meet new environment norms etc.	0.00	350.00	350.00	BSPGCL		0.00%	0.00	350.00
	Total	5308.07	6652.78	1344.71				5372.78	1288.00

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT									
Previously approved Project Cost: Rs. 5308.07 Crs.			Revised Project Cost: Rs. 6653.00 Crs.						
		(All amount in Rs. Cr.)							
Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Name of Contractor	Agency	Physical Work Completed (%)	Cummulative Expenditure as on 30.11.17	Cost of balance work
	Ganga River Water Scheme		85	85	BSPGCL		0.00%	0.00	85.00
	IDC upto June'2019 (for NTPC)								185.00
	Total Cost of Balance Works (Excl FGD)								1208.00

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REVISED ESTIMATE PROJECT COST OF 2X250 MW BTPS EXTENSION PROJECT

Previously approved Project Cost: Rs. 5308.07 Crs. | Revised Project Cost: Rs. 6653.00 Crs.

(All amount in Rs. Cr.)

Sl. No.	Description	Provision in approved cost	Total Cost	Difference	Remarks
1	Supply EPC Price excluding Civil (In INR)	1369.85	1619.85	250.00	
2	Supply EPC Price (30,000,000 US$) (Foreign Exchange @45.00)	191.83	218.83	27.00	
3	Supply EPC Price (28,000,000 Euro) (Foreign Exchange @50.40)	238.72	273.72	35.00	
4	Services for Commissioning	250.44	300.44	50.00	
5	Inland Transportation	44.00	55.00	11.00	
6	Taxes & Duties excluding Entry Tax	224.85	246.52	21.67	
7	Entry Tax	127.52	200.00	72.48	
8	Civil Works	994.30	994.30	0.00	
9	Spares (a) B.T.G + T.C (b) BoP	95.29	53.00	-42.29	
10	Additional W. O. No. 1 & 2 dt 29.09.2013 for Switchyard bays, SAC capacity increase, DG Set, Hoist and Facilitiy for full rack FO unloading	43.62	43.62	0.00	
11	Civil Engineering Charges	15.00	15.00	0.00	
A	**EPC Price within Plant Boundary**	3595.42	4020.28	424.86	
	Proposed Ash dyke				
1	Ash dyke Land Cost	87.00	38.75	-48.25	
2	R&R Costs	10.00	2.00	-8.00	
3	Ash dyke construction	175.00	175.00	0.00	
4	Construction of Security Outpost in Ash Dyke Area	3.00	0.00	-3.00	
5	Land Cost for Ash Pipe Corridor	1.50	0.00	-1.50	
6	Contingent arrangement for Ash Disposal System	0.00	2.00	2.00	
	Plant				
7	Locomotive	10.00	2.00	-8.00	
8	Bulldozers, cranes and payloaders	12.00	6.00	-6.00	
9	Protection Bund Land Cost	1.00	1.00	0.00	
10	Protection Bund Construction	20.00	10.00	-10.00	
11	Walkie talkie, mobiles, fire tenders	2.00	2.00	0.00	
12	Furniture and interior works in Service Building & Administrative Building				
13	Computers, LAN				
	Railway Infrastrcture				
14	Rail infrastructure	104.32	149.79	45.47	
	Colony Renovation for 840 tenants				
15	Construction of Sewerage treatment plant and pumping station including excavation of rain water catchment pond and civil works for pumping	3.50	1.00	-2.50	

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16	Renovation of School Building	1.00	0.00	-1.00	
17	Renovation of existing quarters/ Construction of new quarters	50.00	20.00	-30.00	
18	Construction of watch towers	1.00	1.00	0.00	
19	Renovation of non residential buildings	5.00	0.00	-5.00	
20	Replacement of drinking water lines,treatment plant and tanks	1.00	1.00	0.00	
21	Construction of Shopping Complex with shops, banks, post office and other infrastructure, School, Club and other facilities etc.	1.00	1.00	0.00	
22	Construction of roads-8 km, drains-RCC- 15 km	10.00	0.00	-10.00	
23	Ambient air monitoring stations around plant water quality anylizer etc	1.00	5.00	4.00	
24	Hospital renovation and construction of casuality ward	1.00	0.00	-1.00	
25	Construction of Community hall, clubs, swimming pool and equipments	0.50	0.00	-0.50	
26	Construction of Guest house, field hostels	2.00	0.00	-2.00	
27	Lighting masts and illumination	2.50	2.50	0.00	
28	Rewiring of existing quarters	0.00	0.00	0.00	
29	Rewiring of existing non-residential building including hospital and schools	1.00	0.00	-1.00	
30	Wiring and lighting and other electrical system of community hall, clubs, swimming pool, guest house, field hostel, canteen, bank, post office, shopping complex, other equipment	0.00	0.00	0.00	
31	Other unforseen work	5.00	5.00	0.00	
	Exisiting Unit Ash Infrastructurre				
32	Approach Road to project site from NH including culvert on IOCL Pipeline	5.00	5.00	0.00	
33	Storm Drainage outside plant/Rain Water Harvesting/Land escaping of green belt area	23.81	23.81	0.00	
	Water Infrastructure				
34	Water Infrastructure	0.00	0.00	0.00	
	Electrical Package				
35	Erection of Transmission line (220 kV) after Gantry of Switch yard of 2X250 MW unit to existing 220 kV transmission line (6 bays)	0.00	0.00	0.00	
36	Erection of interconnection transmission (132 kV) line between existing switch yard of 2X110 MW units and extension project switchyard (2X250 MW units), Rehabilitation of 2 bays of 132 kV old switchyard and shifting of 132 kV transmission line from old Ash Dyke Area	10.00	10.00	0.00	

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37	Load Flow Study	0.00	0.00	0.00	
38	Consultancy Charges - EIA, general, PMC, Railway etc	13.00	20.00	7.00	
B	**Enabling Works Total**	**563.13**	**483.85**	**-79.28**	
C	IDC (Upto Dec' 2017)	850.00	1475.00	625.00	
D	Corporate Social Responsibility	22.00	22.00	0.00	
E	Pre-commissioning Expenses for trail Run, Commissioning etc (LDO/HFO/Coal/DM Water)	107.52	91.02	-16.50	
	Operation & maintenance of unit# 8 & 9 for 2 months after COD	0.00	90.63	90.63	
F	Pre-commissioning Epenses for Establishment (May-13 to Dec-17)	45.00	65.00	20.00	
G	Security Expenditure for CISF	0.00	35.00	35.00	
H	Contingency & Administrative Expenses	25.00	20.00	-5.00	
I	Coal Block Development and its statutory fees etc.	100.00	0.00	-100.00	
J	FGD (De-Sox), SCR (De-Nox), SPM & other associated equipments, online reporting systems and consultancy services required to meet new environment norms etc.	0.00	350.00	350.00	At the rate 0.70 Crs./MW
	Total	**5308.07**	**6652.78**	**1344.71**	

Revised Project cost : Rs. 6652.78 Crores Say Rs. 6653.00 Cr.

(C. K. Pathak)
M/s STEAG

16/09/17
(Amita Nand)
ESE (P&D), BSPGCL

16/9/2017
(D. K. Jha)
ESE, BSPGCL

(K. N. Jha)
ESE (Project), BTPS

(Pradeep Kumar)
G.M. (F&A), BSPGCL

16.9.17
(J. N. Yadav)
C.E. (Civil), BSPGCL

16.9.17
(A. K. Jha)
C.E. (Generation), BSPGCL

(A. K. Sinha)
G.M. cum C.E., BTPS

16/9
(Rajan Prasad)
C.E. (P&D), BSPGCL

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Date: 2024.11.28 17:19:41 IST
Reason: AGM (COMMERCIAL)
Location: NTPC LTD.

GOVERNMENT OF BIHAR
ENERGY DEPARTMENT

NOTIFICATION

No. ..... Dated ../../2018

THE BIHAR POWER GENERATION UNDERTAKINGS TRANSFER SCHEME, 2018 (AMENDMENT)

In exercise of powers conferred under Sections 131, 134 and other applicable provisions of the Electricity Act, 2003, the Government of Bihar have notified 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") vide notification No. 5 dated 27.06.2018 (Bihar Gazette No. Patna 641 dated 06.07.2018) for the purpose of transfer and vesting of properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KBUNL), from BSPGCL to NTPC Limited.

On the matter of coal allocation for Barauni Stage-II (2x250 MW), the Transfer Scheme envisaged that BSPGCL would surrender the Badam coal block to the Ministry of Coal (MoC), Govt. of India and apply to Ministry of Power (MoP)/Ministry of Coal (MoC) for allocation of coal under SHAKTI Scheme, 2017 of Govt. of India.

Whereas Ministry of Coal, Govt. of India, vide letter reference number 23014/4/2018-CLD dated September 05, 2018 has forwarded the minutes of the meeting of SLC (LT) for Power Sector held on August 09, 2018 wherein the MoC has approved to transfer the Bridge Linkage for Barauni TPS Stage-II to NTPC in the event of NTPC taking over the Badam coal block.

In consideration of above, the specific provisions of Transfer Scheme pertaining to Badam Coal Block, is hereby amended with immediate effect as provided in Annexure-A herein.

Further, in partial modification of the notification No./BSPGCL-01/2018/08 dated 07.08.2018 notifying Effective Date of Transfer for the Bihar Power Generation Undertaking Transfer Scheme, 2018 (Bihar Gazette No. Patna 761 dated 09.08.2018) the State Government hereby appoints 15.12.2018 as the Effective Date of Transfer for

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Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar as the date of coming into force of 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") and as the Date of Transfer of mentioned specified properties, interests, rights, assets, liabilities and personnel, from BSPGCL to NTPC Limited.

This notification shall come into force with immediate effect.

By order of the Governor of Bihar

Sd/-

(Pratyaya Amrit)
Principal Secretary.

Memo No-प्र0 / BSPGCL–01 / 2018(खंड–I) /Patna, Dated-

Copy with CD forwarded to the Dy. Secretary, Press (e-gazette Cell), Finance Department, Bihar, Patna to publish in forthcoming extraordinary issue of the Bihar Gazette.

2. He is requested to make available 100 copies of the published gazette to Energy Department, Govt.of Bihar.

Sd/-

Principal Sectetary

Memo No-प्र0 / BSPGCL–01 / 2018(खंड–I) 3121 /Patna, Dated- 14/12/2018

Copy to: Principal Secretary to Hon'ble Chief Minister, CM Secretariat, Patna/ Principal Private Secretary to Chief Secretary/ Private Secretary to Hon'ble Energy Minister/ Secretary, Ministry of Power, Govt. of India, New Delhi/ Chairman, Bihar Electricity Regulatory Commission, Patna/ Principal Secretary, Finance Deptt., Bihar, Patna/ Principal Secretary, Revenue and Land Reforms Deptt., Bihar, Patna/ Secretary, Planning and Development Deptt., Bihar, Patna/ All Govt. Deptt./ Head of all Deptt./ Chairman-cum-Managing Director, NTPC, SCOPE Complex, Lodhi Road, New Delhi/Regional Executive Director, East-I, NTPC, Loknayak Jaiprakash Bhawan, Patna/ Accounts Section, Energy Deptt., Patna/ Budget Section, Energy Deptt., Patna/ Joint Secretary, Energy Deptt., Bihar, Patna/ Chairman-cum-Managing Director, Bihar State Power (H) Company Ltd, Patna/ Managing Director, Bihar State Power Generation Company Ltd, Patna/ Managing Director, South Bihar Power Distribution Company Ltd, Patna/ Managing Director, North Bihar Power Distribution Company Ltd, Patna/ Managing Director, Bihar State Power Transmission Company Ltd, Patna/ Managing Director, Bihar State Hydroelectric Power Corporation Ltd/ Director, BREDA, Sone Bhawan, Patna/ District Magistrate-Cum-Collector, Begusarai/Muzaffarpur/Aurangabad/ IT Manager, Energy Deptt., Patna for information and necessary action.

Principal Secretary

14/12/18

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Annexure-A

Sl. No.	Para No. of Transfer Scheme	Provision as per notification dtd 27.06.2018	Amended Provision
1.	WHEREAS CLAUSE (VIII)(d)	Further on the matter of Badam coal block, which has been allotted to BSPGCL, it has been agreed between NTPC and BSPGCL that in view of the difficulties being faced by BSPGCL in development of the coal block, BSPGCL would surrender the coal block to the Ministry of Coal (MoC), Govt. of India. Consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	Whereas the Ministry of Coal, Govt. of India vide its letter no. 23014/4/2018-CLD dt. 5th Sept. 2018, has decided to transfer the bridge linkage of BTPS Stage-II (2x250 MW) to NTPC in the event of NTPC taking over the Badam Coal Block. Therefore, it has been agreed between NTPC and BSPGCL that the Badam Coal Block, allocated to BTPS Stage-II, shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and Ministry of Coal, GoI for the Badam Coal Block. All liabilities except assests related liabilities pertaining to Badam Coal Block accruing for the period prior to the Date of Transfer of Coal Block to NTPC shall be to the account of BSPGCL.
	WHEREAS CLAUSE (IX)(b)	For Badam coal block, post the surrender by BSPGCL,	deleted

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		consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	
	SCHEDULE 'A' Part-I: BTPS SPECIFIED UNDERTAKINGS	No provision	New Para 10 is inserted after the existing para 9 as under: **"10. Badam Coal Block** The Badam Coal Block allocated to BSPGCL for end use of the Barauni Thermal Power Station Stage-II shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and MoC, GoI for the Badam Coal Block.

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बिहार सरकार
ऊर्जा विभाग

अधिसूचना

संख्या–प्र0 / BSPGCL–01 / 2018(खंड–I) दिनांक ..... / ..... / 2018

बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 (संशोधन)

विद्युत् अधिनियम, 2003 की धारा 131, 134 एवं अन्य लागू उपबंधों के तहत प्रदत्त शक्तियों का प्रयोग करते हुए, राज्य सरकार द्वारा अधिसूचना सं० 05 दिनांक 27.06.2018 (बिहार गज़ट सं० पटना 641 दिनांक 06.07.2018) के माध्यम से BSPGCL के (क) बेगुसाराय में स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-1 तथा स्टेज-2; (ख) नबीनगर पावर जेनरेटिंग कंपनी प्राइवेट लिमिटेड (NPGCL) में हिस्सापूँजी योगदान और (ग) कांटी बिजली उत्पादन निगम लिमिटेड (KBUNL) में हिस्सापूँजी योगदान के तहत् BSPGCL में निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों , निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को NTPC लिमिटेड को हस्तांतरण के उद्देश्य हेतु 'बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018' ("अंतरण योजना") अधिसूचित की गयी है।

उपर्युक्त अंतरण योजना में बरौनी स्टेज-II (2x250 मेगावाट) हेतु कोयला आवंटन के संदर्भ में यह उल्लिखित है कि BSPGCL बादम कोल ब्लॉक कोयला मंत्रालय, भारत सरकार को वापस कर देगा तथा भारत सरकार की SHAKTI योजना, 2017 के तहत कोयला मंत्रालय, भारत सरकार के समक्ष कोयला आवंटन हेतु आवेदन करेगा।

चूँकि कोयला मंत्रालय, भारत सरकार ने प्रासंगित पत्र सं० 23014/4/2018-CLD दिनांक 05.09.2018 के माध्यम से उर्जा क्षेत्र के लिए SLC(LT) की बैठक की कार्यवाही अग्रसारित किया है जिसमें कोयला मंत्रालय ने बादम कोल ब्लॉक का NTPC द्वारा अधिग्रहण की स्थिति में बरौनी थर्मल पावर स्टेशन स्टेज-II के लिए ब्रिज लिंकेज को NTPC को हस्तांतरित करने को अनुमोदित किया है।

उपर्युक्त पर विचार करते हुए अंतरण योजना में बादम कोल ब्लॉक से सम्बंधित विशिष्ट उपबंधों को तत्क्षण प्रभाव से, जैसा कि इसके अनुसूची-क में उपबंधित है, एतद् द्वारा संशोधित किया जाता है।

तत्पशचात, अधिसूचना सं० प्र०/BSPGCL/01/2018/08 दिनांक 07.08.2018 के माध्यम से अधिसूचित बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतरण की प्रभावी तिथि (बिहार गज़ट सं० पटना 761 दिनांक 09.08.2018) का आंशिक संशोधन करते हुए राज्य सरकार एतद द्वारा दिनांक 15.12.2018 को बेगुसराय स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-I तथा स्टेज-II के बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतर्गत अंतरण की प्रभावी तिथि तथा निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों , निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को BSPGCL से NTPC लिमिटेड को हस्तांतरण की तिथि के रूप में घोषित किया जाता है।

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नोटः- अंतरण योजना के हिंदी संस्करण के किसी बिंदु या विवरणी पर अस्पष्टता अथवा संशय की स्थिति में अंग्रेजी संस्करण मान्य होगा ।

यह अधिसूचना तुरंत के प्रभाव से प्रवृत होगी।

बिहार- राज्यपाल के आदेश से,

ह0/–

(प्रत्यय अमृत)

सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPGCL–01/2018(खंड–I) /पटना, दिनांक–

प्रतिलिपिः–उप सचिव, प्रेस (ई–गजट कोंषांग), वित्त विभाग, बिहार, पटना को बिहार राजपत्र के अगामी असाधारण अंक में मुद्रंण हेतु (सी0डी0 एवं दो हार्ड कॉपी के साथ) प्रेषित।

2 उनसे अनुरोध है कि प्रकाशित गजट की 100 (एक सौ) प्रतियों ऊर्जा विभाग, बिहार सरकार को उपलब्ध कराने की कृपा की जाय।

ह0/–

सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPGCL–01/2018 (खंड–I) 3121 /पटना, दिनांक– 14/12/2018

प्रतिलिपिः–मा0 मुख्यमंत्री के प्रधान सचिव, मुख्यमंत्री सचिवालय, पटना/मुख्य सचिव के प्रधान आप्त सचिव/मा0 मंत्री ऊर्जा के आप्त सचिव/सचिव, विद्युत मंत्रालय, भारत सरकार, नई दिल्ली/अध्यक्ष, बिहार विद्युत विनियामक आयोग, पटना/प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, बिहार, पटना/सचिव, योजना एवं विकास विभाग, बिहार, पटना/सरकार के सभी विभाग/सभी विभागाध्यक्ष/अध्यक्ष–सह–प्रबन्ध निदेशक, एन0टी0पी0सी0, स्कोप कम्पलेक्स, लोधी रोड, नई दिल्ली/क्षेत्रीय कार्यकारी निदेशक, पूरव–I एन0टी0पी0सी0–लोकनायक जयप्रकाश भवन, पटना/लेखा शाखा, ऊर्जा विभाग, पटना/बजट शाखा, ऊर्जा विभाग, पटना/संयुक्त सचिव, ऊर्जा विभाग, बिहार, पटना/अध्यक्ष–सह–प्रबन्ध निदेशक, बिहार स्टेट पावर (हो0) कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार स्टेट पावर जेनरेशन कं0 लि0, पटना/प्रबन्ध निदेशक, साउथ/नॉर्थ बिहार पावर डिस्ट्रीब्यूशन कं0 लि0 पटना/ प्रबन्ध निदेशक, बिहार स्टेट पावर ट्रान्समिशन कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार राज्य जिल विद्युत निगम/निदेशक, ब्रेडा, सोन भवन/समाहर्त्ता, बेगुसराय/मुजफ्फरपुर/औरंगाबाद एवं आई0टी0 मैनेजर, ऊर्जा विभाग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

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क्रम सं०	अंतरण योजना का अनुच्छेद सं०	अधिसूचना दिनांक 27.06.2018 के अनुसार प्रावधान	संशोधित प्रावधान
1.	जबकि खंड (VIII)(घ)	यह भी कि BSPGCL को आवंटित बादम कोल ब्लॉक के सम्बन्ध में NTPC एवं BSPGCL के बीच यह भी सहमति बनी है कि उक्त कोयला ब्लॉक को विकसित करने में आ रही कठिनाईयों को देखते हुए BSPGCL द्वारा इसे भारत सरकार के कोयला मंत्रालय को वापस सौंप दिया जाएगा। इसके परिणाम स्वरुप यदि कोई जुर्माना, वसूली या समर्पण शुल्क भारित किया जाता है, तो उसे NTPC द्वारा BTPS के स्वामित्व हस्तांतरण के एवज में भुगतेय अंतरण निधि में जोड़ा जाएगा तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा । यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात NTPC उक्त राशि को परस्पर मानी शर्तो पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है।	जबकि कोयला मंत्रालय, भारत सरकार ने पत्र संख्या 23014/4/2018-CLD दिनांक 5 सितंबर 2018 के माध्यम से बीटीपीएस स्टेज-II (2x250 मेगावाट) हेतु NTPC को ब्रिज लिंकेज स्थानांतरित करने की स्वीकृति इस शर्त के साथ दी है कि NTPC बादम कोल ब्लॉक को develop करेगा। इसलिए BSPGCL तथा NTPC के बीच यह सहमति बनी है कि बीटीपीएस स्टेज-II हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा। कोल ब्लॉक के NTPC को हस्तांतरण की तारीख के पुर्व की अवधि की बादम कोल ब्लॉक की आस्तियों संबंधी देनदारियों को छोड़कर उक्त कोल ब्लॉक से संबंधित सभी देनदारियां BSPGCL की होंगी।
2.	जबकि खंड (IX)(ख)	बादम कोल ब्लॉक के लिए, BSPGCL द्वारा कोल ब्लॉक को वापस सौपने के पश्चात, भारित जुर्माना, वसुली या समर्पण शुल्क (यदि कोई होता है), को BTPS के स्वामित्व हस्तांतरण के एवज में भुगतेय अंतरण निधि में जोड़ा जाएगा	विलोपित

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		तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा । यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात NTPC उक्त राशि को परस्पर मानी शर्तों पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है ।	
3.	अनुसूची 'क' भाग- I: निर्दिष्ट उपक्रम बीटीपीएस	कोई प्रावधान नहीं	मौजूदा अनुच्छेद 9 के बाद नया अनुच्छेद 10 डाला गया है: **"10. बादम कोल ब्लॉक** बरौनी थर्मल पावर स्टेशन स्टेज-II के अंतिम उपयोग हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा।

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Location: NTPC LTD.

GOVERNMENT OF BIHAR
ENERGY DEPARTMENT

NOTIFICATION

No. ..... Dated ../../2018

THE BIHAR POWER GENERATION UNDERTAKINGS TRANSFER SCHEME, 2018 (AMENDMENT)

In exercise of powers conferred under Sections 131, 134 and other applicable provisions of the Electricity Act, 2003, the Government of Bihar have notified 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") vide notification No. 5 dated 27.06.2018 (Bihar Gazette No. Patna 641 dated 06.07.2018) for the purpose of transfer and vesting of properties, interests, rights, specified assets, specified liabilities and specified personnel concerning (a) Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar; (b) BSPGCL's equity contribution in Nabinagar Power Generating Company Private Limited (NPGCL) and (c) BSPGCL's equity contribution in Kanti Bijli Utpadan Nigam Limited (KBUNL), from BSPGCL to NTPC Limited.

On the matter of coal allocation for Barauni Stage-II (2x250 MW), the Transfer Scheme envisaged that BSPGCL would surrender the Badam coal block to the Ministry of Coal (MoC), Govt. of India and apply to Ministry of Power (MoP)/Ministry of Coal (MoC) for allocation of coal under SHAKTI Scheme, 2017 of Govt. of India.

Whereas Ministry of Coal, Govt. of India, vide letter reference number 23014/4/2018-CLD dated September 05, 2018 has forwarded the minutes of the meeting of SLC (LT) for Power Sector held on August 09, 2018 wherein the MoC has approved to transfer the Bridge Linkage for Barauni TPS Stage-II to NTPC in the event of NTPC taking over the Badam coal block.

In consideration of above, the specific provisions of Transfer Scheme pertaining to Badam Coal Block, is hereby amended with immediate effect as provided in Annexure-A herein.

Further, in partial modification of the notification No./BSPGCL-01/2018/08 dated 07.08.2018 notifying Effective Date of Transfer for the Bihar Power Generation Undertaking Transfer Scheme, 2018 (Bihar Gazette No. Patna 761 dated 09.08.2018) the State Government hereby appoints 15.12.2018 as the Effective Date of Transfer for

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Barauni Thermal Power Station (BTPS) Stage-I and Stage-II situated at Begusarai, Bihar as the date of coming into force of 'The Bihar Power Generation Undertakings Transfer Scheme 2018' ("Transfer Scheme") and as the Date of Transfer of mentioned specified properties, interests, rights, assets, liabilities and personnel, from BSPGCL to NTPC Limited.

This notification shall come into force with immediate effect.

By order of the Governor of Bihar

Sd/-

(Pratyaya Amrit)
Principal Secretary.

Memo No-प्र0 / BSPGCL–01 / 2018(खंड–I) /Patna, Dated-

Copy with CD forwarded to the Dy. Secretary, Press (e-gazette Cell), Finance Department, Bihar, Patna to publish in forthcoming extraordinary issue of the Bihar Gazette.

2. He is requested to make available 100 copies of the published gazette to Energy Department, Govt.of Bihar.

Sd/-

Principal Sectetary

Memo No-प्र0 / BSPGCL–01 / 2018(खंड–I) 3121 /Patna, Dated- 14/12/2018

Copy to: Principal Secretary to Hon'ble Chief Minister, CM Secretariat, Patna/ Principal Private Secretary to Chief Secretary/ Private Secretary to Hon'ble Energy Minister/ Secretary, Ministry of Power, Govt. of India, New Delhi/ Chairman, Bihar Electricity Regulatory Commission, Patna/ Principal Secretary, Finance Deptt., Bihar, Patna/ Principal Secretary, Revenue and Land Reforms Deptt., Bihar, Patna/ Secretary, Planning and Development Deptt., Bihar, Patna/ All Govt. Deptt./ Head of all Deptt./ Chairman-cum-Managing Director, NTPC, SCOPE Complex, Lodhi Road, New Delhi/Regional Executive Director, East-I, NTPC, Loknayak Jaiprakash Bhawan, Patna/ Accounts Section, Energy Deptt., Patna/ Budget Section, Energy Deptt., Patna/ Joint Secretary, Energy Deptt., Bihar, Patna/ Chairman-cum-Managing Director, Bihar State Power (H) Company Ltd, Patna/ Managing Director, Bihar State Power Generation Company Ltd, Patna/ Managing Director, South Bihar Power Distribution Company Ltd, Patna/ Managing Director, North Bihar Power Distribution Company Ltd, Patna/ Managing Director, Bihar State Power Transmission Company Ltd, Patna/ Managing Director, Bihar State Hydroelectric Power Corporation Ltd/ Director, BREDA, Sone Bhawan, Patna/ District Magistrate-Cum-Collector, Begusarai/Muzaffarpur/Aurangabad/ IT Manager, Energy Deptt., Patna for information and necessary action.

Principal Secretary

14/12/18

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Annexure-A

Sl. No.	Para No. of Transfer Scheme	Provision as per notification dtd 27.06.2018	Amended Provision
1.	WHEREAS CLAUSE (VIII)(d)	Further on the matter of Badam coal block, which has been allotted to BSPGCL, it has been agreed between NTPC and BSPGCL that in view of the difficulties being faced by BSPGCL in development of the coal block, BSPGCL would surrender the coal block to the Ministry of Coal (MoC), Govt. of India. Consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	Whereas the Ministry of Coal, Govt. of India vide its letter no. 23014/4/2018-CLD dt. 5th Sept. 2018, has decided to transfer the bridge linkage of BTPS Stage-II (2x250 MW) to NTPC in the event of NTPC taking over the Badam Coal Block. Therefore, it has been agreed between NTPC and BSPGCL that the Badam Coal Block, allocated to BTPS Stage-II, shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and Ministry of Coal, GoI for the Badam Coal Block. All liabilities except assests related liabilities pertaining to Badam Coal Block accruing for the period prior to the Date of Transfer of Coal Block to NTPC shall be to the account of BSPGCL.
	WHEREAS CLAUSE (IX)(b)	For Badam coal block, post the surrender by BSPGCL,	deleted

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		consequent penalties, levies or surrender costs (if any), would be added to the BTPS consideration payable by NTPC and such costs may be included for determination of tariff, subject to the approval by the CERC. In the case of disallowance of these costs by CERC, NTPC may recover these costs subsequently post takeover from the Discoms, on mutually agreed terms in the ratio of PPA.	
	SCHEDULE 'A' Part-I: BTPS SPECIFIED UNDERTAKINGS	No provision	New Para 10 is inserted after the existing para 9 as under: **"10. Badam Coal Block** The Badam Coal Block allocated to BSPGCL for end use of the Barauni Thermal Power Station Stage-II shall be assigned to NTPC in terms of the allotment agreement dated 30.03.2015 between BSPGCL and MoC, GoI for the Badam Coal Block.

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बिहार सरकार
ऊर्जा विभाग

अधिसूचना

संख्या–प्र0 / BSPGCL–01 / 2018(खंड–I) 11 दिनांक 14 / 12 / 2018

बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 (संशोधन)

विद्युत् अधिनियम, 2003 की धारा 131, 134 एवं अन्य लागू उपबंधों के तहत प्रदत्त शक्तियों का प्रयोग करते हुए, राज्य सरकार द्वारा अधिसूचना सं० 05 दिनांक 27.06.2018 (बिहार गज़ट सं० पटना 641 दिनांक 06.07.2018) के माध्यम से BSPGCL के (क) बेगुसाराय में स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-1 तथा स्टेज-2; (ख) नबीनगर पावर जेनरेटिंग कंपनी प्राइवेट लिमिटेड (NPGCL) में हिस्सापूँजी योगदान और (ग) कांटी बिजली उत्पादन निगम लिमिटेड (KBUNL) में हिस्सापूँजी योगदान के तहत् BSPGCL में निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों , निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को NTPC लिमिटेड को हस्तांतरण के उद्देश्य हेतु 'बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018' ("अंतरण योजना") अधिसूचित की गयी है।

उपर्युक्त अंतरण योजना में बरौनी स्टेज-II (2x250 मेगावाट) हेतु कोयला आवंटन के संदर्भ में यह उल्लिखित है कि BSPGCL बादम कोल ब्लॉक कोयला मंत्रालय, भारत सरकार को वापस कर देगा तथा भारत सरकार की SHAKTI योजना, 2017 के तहत कोयला मंत्रालय, भारत सरकार के समक्ष कोयला आवंटन हेतु आवेदन करेगा।

चूँकि कोयला मंत्रालय, भारत सरकार ने प्रासंगित पत्र सं० 23014/4/2018-CLD दिनांक 05.09.2018 के माध्यम से उर्जा क्षेत्र के लिए SLC(LT) की बैठक की कार्यवाही अग्रसारित किया है जिसमें कोयला मंत्रालय ने बादम कोल ब्लॉक का NTPC द्वारा अधिग्रहण की स्थिति में बरौनी थर्मल पावर स्टेशन स्टेज-II के लिए ब्रिज लिंकेज को NTPC को हस्तांतरित करने को अनुमोदित किया है।

उपर्युक्त पर विचार करते हुए अंतरण योजना में बादम कोल ब्लॉक से सम्बंधित विशिष्ट उपबंधों को तत्क्षण प्रभाव से, जैसा कि इसके अनुसूची-क में उपबंधित है, एतद् द्वारा संशोधित किया जाता है।

तत्पशचात, अधिसूचना सं० प्र०/BSPGCL/01/2018/08 दिनांक 07.08.2018 के माध्यम से अधिसूचित बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतरण की प्रभावी तिथि (बिहार गज़ट सं० पटना 761 दिनांक 09.08.2018) का आंशिक संशोधन करते हुए राज्य सरकार एतद द्वारा दिनांक 15.12.2018 को बेगुसराय स्थित बरौनी थर्मल पावर स्टेशन (BTPS) स्टेज-I तथा स्टेज-II के बिहार विद्युत् उत्पादन उपक्रम अंतरण योजना, 2018 के अंतर्गत अंतरण की प्रभावी तिथि तथा निहित परिसंपत्तियों, हितों, अधिकारों, निर्दिष्ट संपत्तियों , निर्दिष्ट देयताएं और निर्दिष्ट कर्मियों को BSPGCL से NTPC लिमिटेड को हस्तांतरण की तिथि के रूप में घोषित किया जाता है।

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नोटः- अंतरण योजना के हिंदी संस्करण के किसी बिंदु या विवरणी पर अस्पष्टता अथवा संशय की स्थिति में अंग्रेजी संस्करण मान्य होगा ।

यह अधिसूचना तुरंत के प्रभाव से प्रवृत होगी।

बिहार- राज्यपाल के आदेश से,

ह0/–

(प्रत्यय अमृत)

सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPGCL–01/2018(खंड–I) /पटना, दिनांक–

प्रतिलिपिः–उप सचिव, प्रेस (ई–गजट कोंषांग), वित्त विभाग, बिहार, पटना को बिहार राजपत्र के अगामी असाधारण अंक में मुद्रंण हेतु (सी0डी0 एवं दो हार्ड कॉपी के साथ) प्रेषित।

2 उनसे अनुरोध है कि प्रकाशित गजट की 100 (एक सौ) प्रतियों ऊर्जा विभाग, बिहार सरकार को उपलब्ध कराने की कृपा की जाय।

ह0/–

सरकार के प्रधान सचिव।

ज्ञापांक–प्र0/BSPGCL–01/2018 (खंड–I) 3121 /पटना, दिनांक– 14/12/2018

प्रतिलिपिः–मा0 मुख्यमंत्री के प्रधान सचिव, मुख्यमंत्री सचिवालय, पटना/मुख्य सचिव के प्रधान आप्त सचिव/मा0 मंत्री ऊर्जा के आप्त सचिव/सचिव, विद्युत मंत्रालय, भारत सरकार, नई दिल्ली/अध्यक्ष, बिहार विद्युत विनियामक आयोग, पटना/प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव, राजस्व एवं भूमि सुधार विभाग, बिहार, पटना/सचिव, योजना एवं विकास विभाग, बिहार, पटना/सरकार के सभी विभाग/सभी विभागाध्यक्ष/अध्यक्ष–सह–प्रबन्ध निदेशक, एन0टी0पी0सी0, स्कोप कम्पलेक्स, लोधी रोड, नई दिल्ली/क्षेत्रीय कार्यकारी निदेशक, पूरव–I एन0टी0पी0सी0–लोकनायक जयप्रकाश भवन, पटना/लेखा शाखा, ऊर्जा विभाग, पटना/बजट शाखा, ऊर्जा विभाग, पटना/संयुक्त सचिव, ऊर्जा विभाग, बिहार, पटना/अध्यक्ष–सह–प्रबन्ध निदेशक, बिहार स्टेट पावर (हो0) कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार स्टेट पावर जेनरेशन कं0 लि0, पटना/प्रबन्ध निदेशक, साउथ/नॉर्थ बिहार पावर डिस्ट्रीब्यूशन कं0 लि0. पटना/ प्रबन्ध निदेशक, बिहार स्टेट पावर ट्रान्समिशन कं0 लि0, पटना/प्रबन्ध निदेशक, बिहार राज्य जिल विद्युत निगम/निदेशक, ब्रेडा, सोन भवन/समाहर्त्ता, बेगुसराय/मुजफ्फरपुर/औरंगाबाद एवं आई0टी0 मैनेजर, ऊर्जा विभाग, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के प्रधान सचिव।

14/12/18

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क्रम सं०	अंतरण योजना का अनुच्छेद सं०	अधिसूचना दिनांक 27.06.2018 के अनुसार प्रावधान	संशोधित प्रावधान
1.	जबकि खंड (VIII)(घ)	यह भी कि BSPGCL को आवंटित बादम कोल ब्लॉक के सम्बन्ध में NTPC एवं BSPGCL के बीच यह भी सहमति बनी है कि उक्त कोयला ब्लॉक को विकसित करने में आ रही कठिनाईयों को देखते हुए BSPGCL द्वारा इसे भारत सरकार के कोयला मंत्रालय को वापस सौंप दिया जाएगा। इसके परिणाम स्वरुप यदि कोई जुर्माना, वसूली या समर्पण शुल्क भारित किया जाता है, तो उसे NTPC द्वारा BTPS के स्वामित्व हस्तांतरण के एवज में भुगतेय अंतरण निधि में जोड़ा जाएगा तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा । यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात NTPC उक्त राशि को परस्पर मानी शर्तो पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है ।	जबकि कोयला मंत्रालय, भारत सरकार ने पत्र संख्या 23014/4/2018-CLD दिनांक 5 सितंबर 2018 के माध्यम से बीटीपीएस स्टेज-II (2x250 मेगावाट) हेतु NTPC को ब्रिज लिंकेज स्थानांतरित करने की स्वीकृति इस शर्त के साथ दी है कि NTPC बादम कोल ब्लॉक को develop करेगा । इसलिए BSPGCL तथा NTPC के बीच यह सहमति बनी है कि बीटीपीएस स्टेज-II हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा। कोल ब्लॉक के NTPC को हस्तांतरण की तारीख के पुर्व की अवधि की बादम कोल ब्लॉक की आस्तियों संबंधी देनदारियों को छोड़कर उक्त कोल ब्लॉक से संबंधित सभी देनदारियां BSPGCL की होंगी।
2.	जबकि खंड (IX)(ख)	बादम कोल ब्लॉक के लिए, BSPGCL द्वारा कोल ब्लॉक को वापस सौपने के पश्चात, भारित जुर्माना, वसुली या समर्पण शुल्क (यदि कोई होता है), को BTPS के स्वामित्व हस्तांतरण के एवज में भुगतेय अंतरण निधि में जोड़ा जाएगा	विलोपित

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		तथा उस रकम को BTPS के विद्युत् टैरिफ में केन्द्रीय विद्युत् विनियामक आयोग से स्वीकृति प्राप्त कर समायोजित किया जाएगा । यदि केन्द्रीय विद्युत् विनियामक आयोग द्वारा उक्त समायोजन की स्वीकृति नहीं दी जाती है तो वैसी परिस्थिति में BTPS के स्वामित्व ग्राहण के पश्चात NTPC उक्त राशि को परस्पर मानी शर्तो पर PPA अनुपातिक आधार पर वितरण कम्पनीयों से प्राप्त कर सकता है ।	
3.	अनुसूची 'क' भाग- I: निर्दिष्ट उपक्रम बीटीपीएस	कोई प्रावधान नहीं	मौजूदा अनुच्छेद 9 के बाद नया अनुच्छेद 10 डाला गया है: **"10. बादम कोल ब्लॉक** बरौनी थर्मल पावर स्टेशन स्टेज-II के अंतिम उपयोग हेतु BSPGCL को आवंटित बादम कोल ब्लॉक BSPGCL एवं कोयला मंत्रालय, भारत सरकार के बीच बादम कोल ब्लॉक हेतु दिनांक 30.03.2015 को संपन्न आवंटन समझौते के शर्तों पर NTPC को सौंपा जाएगा।

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Date: 2024.11.28 17:19:41 IST
Reason: AGM (COMMERCIAL)
Location: NTPC LTD.

Annexure-B

No. 11/27/2017-Th-II
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated: 21st June, 2018

To,

The Principal Secretary,
Energy Department,
Government of Bihar,
8, Daroga Prasad Rai Path,
Patna, Bihar - 800001

Subject: **Allocation of 100% Power to Bihar from Barauni Thermal Power Station under transfer to NTPC Ltd. - regarding.**

Sir,

I am directed to refer to Government of Bihar Letter no. 29/Pr.S. Cell dated 21.05.2018 on the subject mentioned above and to say that the proposal for allocation of 100% power from existing Barauni TPS 2x110 MW Stage-I and Barauni TPS, Extension, 2x250 MW Stage -II (under construction) to State Government of Bihar, consequent upon transfer of the project to NTPC, has been considered and it has been decided that there is no new allocation is to be done in the matter. Hence, 100% power from Barauni TPS will continue to flow to the State of Bihar as per the extant PPAs and the MoU signed by NTPC with State Government of Bihar on 15.05.2018.

2. This issues with the approval of Hon'ble Minister of State for Power, (I/C).

Yours faithfully,

21/06/18

(Anita Saini)
Under Secretary to the Government of India
Telefax: 23719710

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Annexure-C

FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MM)

REV	DATE	ALTERED AV	REV	DATE	ALTERED
01	06.05.11	CHECKED VK			CHECKED
		APPROVED AKR			APPROVED

HBDS REVISED IN LINE WITH EVONIK COMMENTS RECEIVED VIDE MAIL REF. ETG025/BARAUNI-STG-2/11/01 DTD. 28/04/11.

JOB NO. 374

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EVONIK ENERGY SERVICES INDIA PVT. LTD. EVONIK INDUSTRIES

DRAWING/DOCUMENT REVIEW STATUS

APPROVED AS SUBMITTED Release distribution prints.	A	☑
APPROVED WITH COMMENTS Proceed with fabrication / manufacture / construction considering comments and resubmit for approval and stamping.	B	☐
NOT APPROVED Correct the original drawing duly incorporating our comments and resubmit for approval / information.	C	☐
INFORMATION NOTED Information furnished in the drawing is noted	H	☐

Transmittal No ETG025-BHEL-I-M-11-003

Date 02/06/2011 Name Neeraj Signature

Kindly note that approval of the drawing/documents does not absolve the contractor / vendor from his contractual obligations.

BIHAR STATE ELECTRICITY BOARD

EVONIK INDUSTRIES EVONIK ENERGY SERVICES (INDIA) PVT. LTD.

2X250MW BARAUNI THERMAL POWER STATION

REF. DRG. NO.

BHARAT HEAVY ELECTRICALS LIMITED
PROJECTS ENGINEERING MANAGEMENT, NEW DELHI

DEPT.	CODE	SCALE	WEIGHT(KG)	REF TO ASSY DRG.	ITEM
M	20	NTS	-	-	-

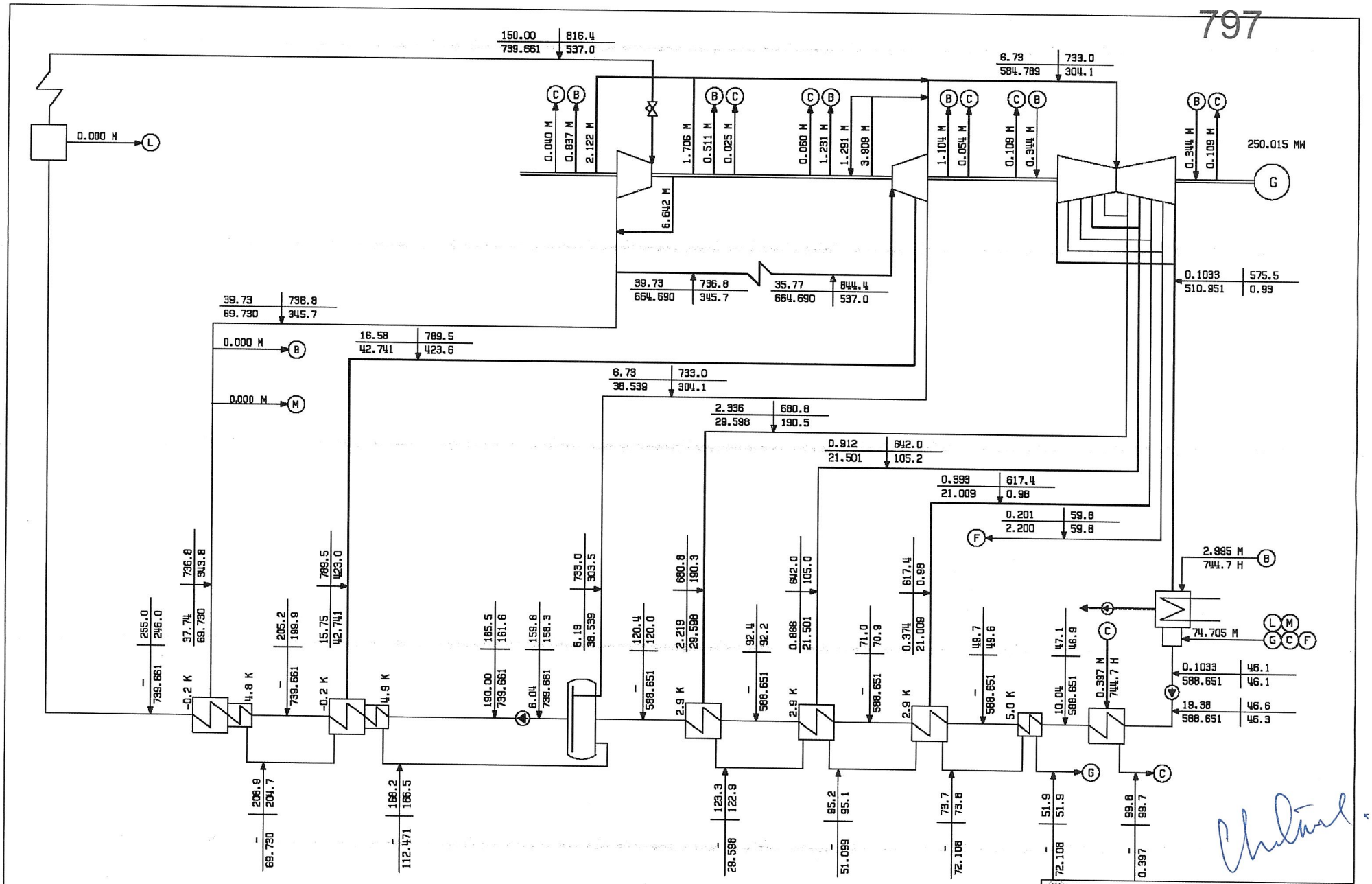
HEAT BALANCE DIAGRAMS

	NAME	SIGN	DATE
PREP.	AV	SD/-	12.04.11
CHECKED	VK	SD/-	12.04.11
APPD.	AKR	SD/-	12.04.11

CDV500

								CARD CODE	DRAWING NOS.	REV
DEPT.								-	PE-DC-374-100-N150	01
SIGN			N.A.						NO. OF SHEETS	18
DATE										

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TURBINE CYCLE HEAT RATE = 1947.1Kcal/KWHr

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GUARANTEED DATA

DECLARATION SHEET

FORMAT B

Serial No.	Package System	Parameter for Performance guarantee	Value
1.00.00	Steam Generator	a) Capacity in T/Hr of steam at rated steam parameters at superheater & reheater outlet with combination of mills working as per owner's choice and the coal being fired within worst range specified, and Guaranteed emission limits at ESP outlet, corresponding to 100% BMCR and maximum auxiliary steam consumption.	810 TPH (Reheater Outlet Flow is not Guaranteed)
		b) i) Efficiency in percentage at 100% TMCR load with design coal and combination of mills as per owner's choice.	85.60%
		ii) - Do - for 75% (187.5 MW) Turbine rated load.	Not Guaranteed
		c) Air heater air-in leakage (%)at TMCR after 3000 hs. of operation.	12% @ 100% TMCR (based on Gas Flow at Air Heater inlet @ 100% TMCR)
		d) No_x emission ppm (equivalent NO_2) at TMCR at 6% O_2.	365 ppm @ 6% O_2
		e) Capacity of each mill with worst coal (Annexure 2, Note 2) at rated fineness, T/hr , i.e. - not less than 70% thru' 200 mesh - not less than 98% thru' 50 mesh	Maximum Capacity - 47.43 Hence, 90% of Max Capacity - 42.69 for Performance Guarantee (As per resolution sl no. 09, Anx 1, Page No. 3, of MOM dtd 5-6 March, 2009)
		f) Guaranteed maximum percentage reject from mill corresponding to rated capacity with worst coal	1%
		g) Wear life in operating hours of mill parts (mention part name) Mechanical Seal Grinding elements	 NA Grinding Roll + Bearings : 6000
		i) Mill discharge cone and items lined with ceramic	Inner Cone : 25000 Mill Discharge Valve: 15000

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Serial No.	Package System	Parameter for Performance guarantee	Value
		h) Minimum load (%TMCR) at which oil support is Not required for any combination of Mill decided by the Owner with worst coal.	Oil Support is not required above 40% BMCR provided two adjacent Mills are in service with Mill Loading greater than 50% (As per resolution sl no. 09, Anx 1, Page No. 3, of MOM dtd 5-6 March, 2009)
		i) Consumption of fuel oil at 30% of TMCR KL/hr for any combination of Mill decided by the Owner with worst coal.	NIL @ 40% BMCR as per item (h) above
		j) Furnace exit gas temperature, deg. C at TMCR (specify location)	Not Guaranteed
		k) Superheater and Reheater outlet steam temperature will be maintained at 540±5°C for 60-100% TMCR	Yes
2.00.00	Electrostatic Precipitator (ESP)	a) Following Emission limits through stack will be achieved at 12% CO_2 while the boiler is running with worst coal (Annexure 2, Note 3) and operating at 100% BMCR	
		a) 26 mg/Nm^3 with all fields in operation . b) 50 mg/Nm^3 with any one field of Owner's choice of each pass standby	100 mg/Nm^3 with n-1 fields in service @ 100% BMCR Worst Coal. (As per Sheet 3 of 4, Annexure 5.1 of DPR)
		b) Pressure drop across ESP, corresponding to gas flow at Boiler Max. continuous rating (BMCR), mm water column.	25 mmWC
3.00.00	Turbine Generator (TG)	a) i) Heat rate in Kcal/Kwhr at 100% (250MW) turbine rated load under rated steam conditions and condenser vacuum of 76mm HgA with zero make up.	1947.1Kcal/KWHr Refer HBD: PE-DC-H07-100-N151, Rev.01
		ii) Do for 75% (187.5 MW) Turbine rated load	Not Guaranteed
		b) Max continuous output (MW) under rated steam conditions at condenser vacuum of 89 mm HgA with 3% make up	250MW

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Date: 2024.11.27 17:47:47 IST
Reason: AGM (COMMERCIAL)
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Annexure-D

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बिहार सरकार

जल संसाधन विभाग

पत्रांक-मो0-4-कार्य-पी0-230/99-II 1035 /पटना, दिनांक- 18-6-07

प्रेषक,

ई0 श्याम नन्दन प्रसाद
संयुक्त सचिव (अभियंत्रण)

सेवा में,

श्री स्वपन मुखर्जी,
अध्यक्ष,
बिहार राज्य विद्युत बोर्ड,
विद्युत भवन, बेली रोड, पटना ।

विषय:- बरौनी थर्मल पावर, बेगुसराय के लिए गंगा नदी से 60 घनसेक जल लेने हेतु राज्य सरकार की अनुमति के संबंध में।

प्रसंग:- आपका पत्रांक 29/प्रोजेक्ट-4038/06-496 दिनांक 6.6.2007

महाशय,

निदेशानुसार उपर्युक्त विषयक प्रासंगिक पत्र से प्राप्त प्रस्ताव के आलोक में बरौनी थर्मल पावर स्टेशन, बेगुसराय के विस्तारिकरण 2x250 MW के लिए गंगा नदी से 60 घनसेक जल की आपूर्ति लेने के संबंध में निम्नलिखित शर्त्तो के अधीन राज्य सरकार की स्वीकृति संसूचित की जाती है:-

1. इस जलापूर्ति के लिए बी0एस0ई0बी0 को राज्य सरकार के जल संसाधन विभाग के संग विधिवत एकरारनामा करना होगा । गंगा से जलापूर्ति लेने के एवज में विद्युत बोर्ड द्वारा जल संसाधन विभाग को प्रतिवर्ष 6.375 करोड़ देनी होगी ।
2. गंगा नदी से जलापूर्ति लेने हेतु डिलिभरी व्यवस्था निर्माण पर विभाग की पूर्वानुमति बी0एस0ई0बी0 को लेनी होगी ।
3. गंगा नदी से औद्योगिक आवश्यकता हेतु जल की आपूर्ति लेने पर बी0एस0ई0बी0 को वर्त्तमान में चालू दर अथवा भविष्य में होने वाले पुनरीक्षण के अनुसार दर पर बी0एस0ई0बी0 को जल संसाधन विभाग को शुल्क का भुगतान करना होगा ।

विश्वासभाजन,

(श्याम नन्दन प्रसाद)
संयुक्त सचिव (अभियंत्रण)

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Annexure-E

Installation of Energy Efficient LED Lighting Fixtures:

i. It is submitted that in instant station works towards energy efficient LED electrification has been claimed in terms of the letter dated 02.08.2017 issued by the Ministry of Power ('MoP'), Government of India ('GoI'). Petitioner has claimed this expenditure as an additional capitalization as a 'change in law' under Regulation 26(1) (b) of the Tariff Regulations, 2019. A copy of the letter dated 02.08.2017 issued by the MoP, GoI is attached hereto and marked as **Annexure F**

ii. The letter dated 02.08.2017 issued by the MoP has the force of law and is not a mere option to be either followed or not followed by NTPC. The letter clearly states that the issue was deliberated in the infrastructure review meeting held by the Hon'ble Prime Minister on 17.09.2016 wherein a mandate to use LED lights in all lighting projects funded by the Government was decided. In the subsequent review meeting held on 21.07.2017 by Hon'ble Prime Minister, it was decided that full replacement should be achieved in the Government buildings by 15.08.2017. In light of the above decisions, the MoP directed the Petitioner to take action to ensure that all old bulbs are replaced with LED lights by 15.08.2017 in all the buildings (including compound/street lighting) occupied by the Petitioner. The Ministry of Power also stated that the action should be taken and reported to the MoP on priority basis.

iii. Such a letter of the MoP has the force of law since it can be traced back to the power exercised by the Central Government to enforce efficient use of energy and its conservation under Section 14 of the Energy Conservation Act, 2001 which reads as sunder-

> "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;
> (b) specify equipment or appliance or class of equipments or appliances, as the case may be, for the purposes of this Act;

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(c) prohibit manufacture or sale or purchase or import of equipment or appliance specified under clause (b), unless such equipment or appliance conforms to energy consumption standards:

[Provided that no notification prohibiting manufacture or sale or purchase or import of equipment or appliance shall be issued within a period of six months from the date of notification issued under clause (a) of this section:
Provided further that the Central Government may, having regard to the market share and the technological development having impact on equipment or appliance, and for reasons to be recorded in writing, extend the said period of six months referred to in the first proviso by a further period not exceeding six months;]
(d) direct display of such particulars on label on equipment or on appliance specified under clause (b) and in such manner as may be specified by regulations;
(e) specify, having regard to the intensity or quantity of energy consumed and the amount of investment required for switching over to energy efficient equipments and capacity of industry to invest in it and availability of the energy efficient machinery and equipment required by the industry,

[any user or class of users of energy in the energy intensive industries and other establishments as specified in the Schedule as a designated consumer] for the purposes of this Act;

(f) alter the list of Energy Intensive Industries specified in the Schedule;
(g) establish and prescribe such energy consumption norms and standards for designated consumers as it may consider necessary:
Provided that the Central Government may prescribe different norms and standards for different designated consumers having regard to such factors as may be prescribed;
(h) direct, having regard to quantity of energy consumed or the norms and standards of energy consumption specified under clause (a), the Energy Intensive Industries specified in the Schedule to get energy audit conducted by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;
(i) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer to get energy audit conducted by an accredited energy auditor;
(j) specify the matters to be included for the purposes of inspection under sub-section (2) of section 17;

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(k) direct any designated consumer to furnish to the designated agency, in such form and manner and within such period, as may be prescribed, the information with regard to the energy consumed and action taken on the recommendation of the accredited energy auditor;

(l) direct any designated consumer to designate or appoint energy manager in charge of activities for efficient use of energy and its conservation and submit a report, in the form and manner as may be prescribed, on the status of energy consumption at the end of every financial year to the designated agency;

(m) prescribe minimum qualification for 1 [energy auditors and energy managers] to be designated or appointed under clause (l);

(n) direct every designated consumer to comply with energy consumption norms and standards;

(o) direct any designated consumer, who does not fulfil the energy consumption norms and standards prescribed under clause

(g), to prepare a scheme for efficient use of energy and its conservation and implement such scheme keeping in view the economic viability of the investment in

[such form, the time within which and the manner] as may be prescribed;

(p) prescribe energy conservation building codes for efficient use of energy and its conservation in the building or building complex;

(q) amend the energy conservation building codes to suit the regional and local climatic conditions;

(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;

(s) direct, any designated consumer referred to in clause (r), if considered necessary, for efficient use of energy and its conservation in his building to get energy audit conducted in respect of such building by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;

(t) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;

(u) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;

(v) take steps to encourage preferential treatment for use of energy efficient equipment or appliances:

Provided that the powers under clauses (p) to (s) shall be exercised in consultation with the concerned State."

iv. The other relevant provisions of the Energy Conservation Act, 2001 are also being quoted hereunder-

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Section 3 – Establishment and incorporation of Bureau of Energy Efficiency—

(1) With effect from such date as the Central Government may, by notification, appoint, there shall be established, for the purposes of this Act, a Bureau to be called the Bureau of Energy Efficiency.

(2) The Bureau shall be a body corporate by the name aforesaid having perpetual succession and a common seal, with power subject to the provisions of this Act, to acquire, hold and dispose of property, both movable and immovable, and to contract, and shall, by the said name, sue or be sued.

(3) The head office of the Bureau shall be at Delhi.

(4) The Bureau may establish offices at other places in India.
The Bureau, been defined under Section 3 of the Act as the Bureau, of Energy Efficiency being headed by the Minister in Charge of Ministry of Power.

A copy of the Energy Conservation Act, 2001 is attached hereto and marked as **Annexure G.**

v. Further as per the Electricity Act, 2003, also the Central Government is the Appropriate Government for the Generating Company either wholly or partially owned by it. Section 5 of the Electricity Act, 2003, states that Central Government would be the Appropriate Government in relation to a generating company wholly or partly owned by it. The relevant Sections of the Electricity Act, 2003-

Section 5- "Appropriate Government" means, -

(a) the Central Government, -

(i) in respect of a generating company wholly or partly owned by it;

(ii) in relation to any inter-State generation, transmission, trading or supply of electricity and with respect to any mines, oil-fields, railways, national highways, airports, telegraphs, broadcasting stations and any works of defence, dockyard, nuclear power installations;

(iii) in respect of National Load Despatch Centre; and Regional Load Despatch Centre;

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(iv) in relation to any works or electric installation belonging to it or under its control ;

In view of the above provisions, the Appropriate Government in the case of NTPC means the Central Government because NTPC is wholly owned by the Government of India.

vi. It is a well settled principle of law that the delegated legislation or any executive order made by any statutory authority under a statute would also be considered as law. In this regard, in Kusum Ingots & Alloys v. Union of India [(2004) 6 SCC 254] the Hon'ble Supreme Court has held that the executive instructions even devoid of statutory backing would also be considered as law. The relevant portion of the Judgement is quoted below -

> *"In fact, a legislation, it is trite, is not confined to a statute enacted by the Parliament or Legislature of a State, which would include delegated legislation and subordinate legislation or an executive order made by the Union of India, State or any other statutory authority. In a case where the field is not covered by any statutory rule, executive instruction issued in this behalf shall also come with within the purview thereof."*

vii. The Hon'ble Supreme Court in the case of Jayantilal Amrit Lal Shodhan vs F.N. Rana And Others 1964 AIR 648, 1964 SCR (5) 294 has held that when a general order issued by an executive authority as per a Statutory backing then such an Order should be regarded as having "force of law". The relevant Para of the Judgement is quoted below-

> *……..*
> *"This is not to say that every order issued by an executive authority has the force of law. If the order is purely administrative, or is not issued in exercise of any statutory authority it may not have the force of law. But where a general order is issued even by an executive authority which confers power exercisable under a statute, and which thereby in substance modifies or adds to the statute, such conferment of powers must be regarded as having the force of law."*

viii. The only technicality is that the letter dated 02.08.2017 may not refer to Section 14 of the Energy Conservation Act, 2001. But it is equally well settled that when the statute book provides for a particular jurisdiction to an authority even if the specific provision is not

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referred to, the exercise of such authority can be traced back to the said provision and will be held as valid.

ix. The Hon'ble Supreme Court in "Energy Watchdog v. CERC &Ors." [(2017) 14 SCC 80], held that:

> *"policy documents such as the Tariff Policy dated 28.01.2016 issued under Section 3 of the Electricity Act and the letter dated 31.07.2013 issued by Ministry of Power are statutory documents having force of law and any change / amendment introduced by way of such document amounts to Change in Law."*

x. The Hon'ble Supreme Court in "GMR Warora Energy Limited v. CERC & Ors." [C.A 11095 of 2018], held that notifications/Circulars etc. from Governmental instrumentalities is a Change in Law. The relevant Para of the Judgement is quoted below:

> *"98. As discussed herein above, the term 'Law' would also include all applicable rules, regulations, orders, Notifications issued by an Indian Governmental Instrumentality.*
>
> *99. It would thus be clear that all such additional charges which are payable on account of orders, directions, Notifications, Regulations, etc., issued by the instrumentalities of the State, after the cut-off date, will have to be considered to be 'Change in Law' events. The Generators would be entitled to compensation on the restitutionary principle on such changes occurring after the cut-off date."*

xi. It is reiterated that NTPC does not have an option not to follow the letter dated 02.08.2017 issued by the MoP and therefore, the same would be binding and has the force of law, in so far as NTPC is concerned. The very intention of Regulation 26(1) (b) of the Tariff Regulations, 2019, is to ensure that truing up of the generating station be done based on 'change in law' as an uncontrollable parameter. The test, therefore, to be applied is whether NTPC has an option to treat the letter dated 02.08.2017 as a mere recommendation or had to comply with the same. The MoP has clearly directed NTPC to take action and report the same on a priority basis and also treated all building occupied by NTPC as a Government building. This letter, therefore, is an executive instruction which would be considered as law.

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xii. There is another executive order of the Ministry of Finance dated 01.12.2017, which has been issued to all other ministries in order to ensure that the funding for replacing the existing lights with LED within the various ministries should be streamlined and done on immediate basis, on the same lines as the letter dated 02.08.2017 issued by the MoP to NTPC. A copy of the letter dated 01.12.2017 of Ministry of Finance is attached hereto and marked as **Annexure H.**

xiii. A perusal of this instruction also shows that the letters issued by the various ministries including the MoP letter dated 02.08.2017 are under the National LED Programme launched by the Hon'ble Prime Minister and would amount to an executive order to implement such programme and thus having statutory force. In view of above, the petitioner has carried out capex nature works by installing LED lighting fixtures by replacing the existing ones. Therefore, it is prayed that the additional capitalization on the implementation of the LED replacement needs to be permitted by this Hon'ble Commission.

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Annexure-F

Raj Pal
आर्थिक सलाहकार
Economic Adviser
Tel. No.:011-23715595
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भारत सरकार
GOVERNMENT OF INDIA
विद्युत मंत्रालय
MINISTRY OF POWER
श्रम शक्ति भवन, रफी मार्ग
SHRAM SHAKTI BHAWAN, RAFI MARG
नई दिल्ली 110001
NEW DELHI - 110001

DO NO.9/23/2014-EC

Dated :-2nd August, 2017

Dear Sh 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 Unnat 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-alia 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 compound/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)

निं०(वकनीकी)/DIR (T)
निं०(परियोजना)/DIR (Pro.)
निं०(वित्त)/DIR (F)
निं०(प्रचालन)/DIR (O)
निं०(मासंसं)/DIR (HR)
निं०(वाणिज्य)/DIR (Com.)
ईव्यूनिं०( )/RED ( )
कूनिं०( )/ED ( )
प्रमुख(निं०मा०)/Head of CP

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

RIGHT TO INFORMATION

08 AUG 2017

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Annexure-G

THE ENERGY CONSERVATION ACT, 2001

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2. Definitions.

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THE ENERGY CONSERVATION ACT, 2001

ACT NO. 52 OF 2001

[29*th September*, 2001.]

An Act to provide for efficient use of energy and its conservation and for matters connected therewith or incidental thereto.

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

CHAPTER I

PRELIMINARY

1. Short title, extent and commencement.—(*1*) This Act may be called the Energy Conservation Act, 2001.

(*2*) It extends to the whole of India except the State of Jammu and Kashmir.

(*3*) It shall come into force on such date[1] as the Central Government may, by notification in the Official Gazette, appoint; and different dates may be appointed for different provisions of this Act and any reference in any such provision to the commencement of this Act shall be construed as a reference to the coming into force of that provision.

2. Definitions.—In this Act, unless the context otherwise requires,—

(*a*) "accredited energy auditor" means [2][an energy auditor accredited in accordance with the provisions of] clause (*p*) of sub-section (*2*) of section 13;

(*b*) "Appellate Tribunal" means the Appellate Tribunal for Energy Conservation [3][referred to in section 30];

[4][(*c*) "building" means any structure or erection or part of structure or erection after the rules relating to energy conservation building codes have been notified under clause (*p*) of section 14 and clause (*a*) of section 15 and includes any existing structure or erection or part of structure or erection, which is having a connected load of 100 Kilowatt (kW) or contract demand of 120 Kilo-volt Ampere (kVA) and above and is used or intended to be used for commercial purposes;]

(*d*) "Bureau" means the Bureau of Energy Efficiency established under sub-section (*1*) of section 3;

(*e*) "Chairperson" means the Chairperson of the Governing Council;

(*f*) "designated agency" means any agency designated under clause (*d*) of section 15;

(*g*) "designated consumer" means any consumer specified under clause (*e*) of section 14;

(*h*) "energy" means any form of energy derived from fossil fuels, nuclear substances or materials, hydro-electricity and includes electrical energy or electricity generated from renewable sources of energy or bio-mass connected to the grid;

(*i*) "energy audit" means the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption;

(*j*) "energy conservation building codes" means the norms and standards of energy consumption expressed in terms of per square metre of the area wherein energy is used and includes the location of the building;

(*k*) "energy consumption standards" means the norms for process and energy consumption standards specified under clause (*a*) of section 14;

1. 28th June, 2012 (sections 31, 33, 44, 45), *vide* notification No. S. O. 1433(E), dated 28th June, 2012, *see* Gazette of India, Extraordinary, Part II, sec. 3(*ii*).
2. Subs. by Act 28 of 2010 s. 2, for "an auditor possessing qualifications specified under" (w.e.f. 24-8-2010).
3. Subs. by s. 2, *ibid.*, for "established under section 30" (w.e.f. 24-8-2010).
4. Subs. by s. 2, *ibid.*, for clause (*c*) (w.e.f. 24-8-2010).

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(*l*) "Energy Management Centre" means the Energy Management Centre set up under the Resolution of the Government of India in the erstwhile Ministry of Energy, Department of Power No. 7(2)/87- EP(Vol. IV), dated the 5th July, 1989 and registered under the Societies Registration Act, 1860 (21 of 1860);

(*m*) "energy manager" means any individual possessing the qualifications prescribed under clause (*m*) of section 14;

[1][(*ma*) "energy savings certificate" means any energy savings certificate issued to the designated consumers under sub-section (*1*) of section 14A;

(*maa*) "equipment or appliance" means any equipment or appliance which consumes, generates, transmits or supplies energy and includes any device that consumes any form of energy and produces a desired work;]

(*n*) "Governing Council" means the Governing Council referred to in section 4;

(*o*) "member" means the member of the Governing Council and includes the Chairperson;

(*p*) "notification" means a notification in the Gazette of India or, as the case may be, the Official Gazette of a State;

(*q*) "prescribed" means prescribed by rules made under this Act;

(*r*) "regulations" means regulations made by the Bureau under this Act;

(*s*) "Schedule" means the Schedule to this Act;

(*t*) "State Commission" means the State Electricity Regulatory Commission established under sub-section (*1*) of section 17 of the Electricity Regulatory Commissions Act, 1998 (14 of 1998);

(*u*) words and expressions used and not defined in this Act but defined in the Indian Electricity Act, 1910 (9 of 1910) or the Electricity (Supply) Act, 1948 (54 of 1948) or the Electricity Regulatory Commissions Act, 1998 (14 of 1998) shall have the meanings respectively assigned to them in those Acts.

CHAPTER II

BUREAU OF ENERGY EFFICIENCY

3. Establishment and incorporation of Bureau of Energy Efficiency.—(*1*) With effect from such date as the Central Government may, by notification, appoint, there shall be established, for the purposes of this Act, a Bureau to be called the Bureau of Energy Efficiency.

(*2*) The Bureau shall be a body corporate by the name aforesaid having perpetual succession and a common seal, with power subject to the provisions of this Act, to acquire, hold and dispose of property, both movable and immovable, and to contract, and shall, by the said name, sue or be sued.

(*3*) The head office of the Bureau shall be at Delhi.

(*4*) The Bureau may establish offices at other places in India.

4. Management of Bureau.—(*1*) The general superintendence, direction and management of the affairs of the Bureau shall vest in the Governing Council which shall consist of not less than twenty, but not exceeding twenty-six, members to be appointed by the Central Government.

(*2*) The Governing Council shall consist of the following members, namely:—

(*a*) the Minister in charge of the Ministry or Department of the Central Government dealing with the Power — *ex officio* Chairperson;

(*b*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Power — *ex officio* member;

(*c*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Petroleum and Natural Gas — *ex officio* member;

1. Ins. by Act of 28 of 2010, s. 2 (w.e.f. 24-8-2010).

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(*d*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Coal	*ex officio* member;
(*e*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Non-conventional Energy Sources	*ex officio* member;
(*f*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Atomic Energy	*ex officio* member;
(*g*) the Secretary to the Government of India, in charge of the Ministry or Department of the Central Government dealing with the Consumer Affairs	*ex officio* member;
(*h*) Chairman of the Central Electricity Authority established under the Electricity (Supply) Act, 1948 (54 of 1948)	*ex officio* member;
(*i*) Director-General of the Central Power Research Institute registered under the Karnataka Societies Act, 1960 (Karnataka Act 17 of 1960)	*ex officio* member;
(*j*) Executive Director of the Petroleum Conservation Research Association, a society registered under the Societies Registration Act, 1860 (XXI of 1860)	*ex officio* member;
(*k*) Chairman-cum-Managing Director of the Central Mine Planning and Design Institute Limited, a company incorporated under the Companies Act, 1956 (1 of 1956)	*ex officio* member;
(*l*) Director-General of the Bureau of Indian Standards established under the Bureau of Indian Standards Act, 1986 (63 of 1986)	*ex officio* member;
(*m*) Director-General of the National Test House, Department of Supply, Ministry of Commerce and Industry, Kolkata	*ex officio* member;
(*n*) Managing Director of the Indian Renewable Energy Development Agency Limited, a company incorporated under the Companies Act, 1956 (1 of 1956)	*ex officio* member;
(*o*) one member each from the five power regions representing the States of the region to be appointed by the Central Government	member;
(*p*) such number of persons, not exceeding four as may be prescribed, to be appointed by the Central Government as members from amongst persons who are in the opinion of the Central Government capable of representing industry, equipment and appliance manufacturers, architects and consumers	member;
(*q*) such number of persons, not exceeding two as may be nominated by the Governing Council as members	member;
(*r*) Director-General of Bureau	*ex officio* member-secretary.

(*3*) The Governing Council may exercise all powers and do all acts and things which may be exercised or done by the Bureau.

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(*4*) Every member referred to in clauses (*o*), (*p*) and (*q*) of sub-section (*2*) shall hold office for a term of three years from the date on which he enters upon his office.

(*5*) The fee and allowances to be paid to the members referred to in clauses (*o*), (*p*) and (*q*) of sub-section (*2*) and the manner of filling up of vacancies and the procedure to be followed in the discharge of their functions shall be such as may be prescribed.

5. Meetings of Governing Council.—(*1*) The Governing Council shall meet at such times and places, and shall observe such rules of procedure in regard to the transaction of business at its meetings (including quorum at such meetings) as may be provided by regulations.

(*2*) The Chairperson or, if for any reason, he is unable to attend a meeting of the Governing Council, any other member chosen by the members present from amongst themselves at the meeting shall preside at the meeting.

(*3*) All questions which come up before any meeting of the Governing Council shall be decided by a majority vote of the members present and voting, and in the event of an equality of votes, the Chairperson or in his absence, the person presiding, shall have a second or casting vote.

6. Vacancies, etc., not to invalidate proceedings of Bureau, Governing Council or Committee.—No act or proceeding of the Bureau or the Governing Council or any Committee shall be invalid merely by reason of—

(*a*) any vacancy in, or any defect in the constitution of, the Bureau or the Governing Council or the Committee; or

(*b*) any defect in the appointment of a person acting as a Director-General or Secretary of the Bureau or a member of the Governing Council or the Committee; or

(*c*) any irregularity in the procedure of the Bureau or the Governing Council or the Committee not affecting the merits of the case.

7. Removal of member from office.—The Central Government shall remove a member referred to in clauses (*o*), (*p*) and (*q*) of sub-section (*2*) of section 4 from office if he—

(*a*) is, or at any time has been, adjudicated as insolvent;

(*b*) is of unsound mind and stands so declared by a competent court;

(*c*) has been convicted of an offence which, in the opinion of the Central Government, involves a moral turpitude;

(*d*) has, in the opinion of the Central Government, so abused his position as to render his continuation in office detrimental to the public interest:

Provided that no member shall be removed under this clause unless he has been given a reasonable opportunity of being heard in the matter.

8. Constitution of Advisory Committees and other committees.—(*1*) Subject to any regulations made in this behalf, the Bureau shall, within six months from the date of commencement of this Act, constitute Advisory Committees for the efficient discharge of its functions.

(*2*) Each Advisory Committee shall consist of a Chairperson and such other members as may be determined by regulations.

(*3*) Without prejudice to the powers contained in sub-section (*1*), the Bureau may constitute, such number of technical committees of experts for the formulation of energy consumption standards or norms in respect of equipment or processes, as it considers necessary.

9. Director-General of Bureau.—(*1*) The Central Government shall, by notification, appoint a Director-General from amongst persons of ability and standing, having adequate knowledge and experience in dealing with the matters relating to energy production, supply and energy management, standardisation and efficient use of energy and its conservation.

(*2*) The Central Government shall, by notification, appoint any person not below the rank of Joint Secretary to the Government of India as Secretary of the Bureau.

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(*3*) The Director-General shall hold office for a term of [1][five years] from the date on which he enters upon his office or until he attains the age of sixty years, whichever is earlier.

(*4*) The salary and allowances payable to the Director-General and other terms and conditions of his service and other terms and conditions of service of the Secretary of the Bureau shall be such as may be prescribed.

(*5*) Subject to general superintendence, direction and management of the affairs by the Governing Council, the Director-General of the Bureau shall be the Chief Executive Authority of the Bureau.

(*6*) The Director-General of the Bureau shall exercise and discharge such powers and duties of the Bureau as may be determined by regulations.

10. Officers and employees of Bureau.—(*1*) [2][The Bureau] may appoint such other officers and employees in the Bureau as it considers necessary for the efficient discharge of its functions under this Act.

(*2*) The terms and conditions of service of officers and other employees of the Bureau appointed under sub-section (*1*) shall be such as may be prescribed.

11. Authentication of orders and decisions of Bureau.—All orders and decisions of the Bureau shall be authenticated by the signature of the Director-General or any other officer of the Bureau authorised by the Director-General in this behalf.

CHAPTER III

TRANSFER OF ASSETS, LIABILITIES, ETC., OF ENERGY MANAGEMENT CENTRE TO BUREAU

12. Transfer of assets, liabilities and employees of Energy Management Centre.—(*1*) On and from the date of establishment of the Bureau—

(*a*) any reference to the Energy Management Centre in any law other than this Act or in any contract or other instrument shall be deemed as a reference to the Bureau;

(*b*) all properties and assets, movable and immovable of, or belonging to, the Energy Management Centre shall vest in the Bureau;

(*c*) all the rights and liabilities of the Energy Management Centre shall be transferred to, and be the rights and liabilities of, the Bureau;

(*d*) without prejudice to the provisions of clause (*c*), all debts, obligations and liabilities incurred, all contracts entered into and all matters and things engaged to be done by, with or for the Energy Management Centre immediately before that date, for or in connection with the purposes of the said Centre shall be deemed to have been incurred, entered into, or engaged to be done by, with or for, the Bureau;

(*e*) all sums of money due to the Energy Management Centre immediately before that date shall be deemed to be due to the Bureau;

(*f*) all suits and other legal proceedings instituted or which could have been instituted by or against the Energy Management Centre immediately before that date may be continued or may be instituted by or against the Bureau; and

(*g*) every employee holding any office under the Energy Management Centre immediately before that date shall hold his office in the Bureau by the same tenure and upon the same terms and conditions of service as respects remuneration, leave, provident fund, retirement or other terminal benefits as he would have held such office if the Bureau had not been established and shall continue to do so as an employee of the Bureau or until the expiry of six months from that date if such employee opts not to be the employee of the Bureau within such period.

(*2*) Notwithstanding anything contained in the Industrial Disputes Act, 1947 (14 of 1947) or in any other law for the time being in force, the absorption of any employee by the Bureau in its regular service under this section shall not entitle such employee to any compensation under that Act or other law and no such claim shall be entertained by any court, tribunal or other authority.

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1. Subs. by Act 28 of 2010 s. 3, for "three years" (w.e.f. 24-8-2010).
2. Subs. by s. 4, *ibid.*, for "The Central Government" (w.e.f. 24-8-2010).

CHAPTER IV

POWERS AND FUNCTIONS OF BUREAU

13. Powers and functions of Bureau.—(*1*) The Bureau shall, effectively co-ordinate with designated consumers, designated agencies and other agencies, recognise and utilise the existing resources and infrastructure, in performing the functions assigned to it by or under this Act.

(*2*) The Bureau may perform such functions and exercise such powers as may be assigned to it by or under this Act and in particular, such functions and powers include the function and power to—

(*a*) recommend to the Central Government the norms for processes and energy consumption standards required to be notified under clause (*a*) of section 14;

[1][(*aa*) recommend to the Central Government for issuing of the energy savings certificate under section 14A;]

(*b*) recommend to the Central Government the particulars required to be displayed on label on equipment or on appliances and manner of their display under clause (*d*) of section 14;

(*c*) recommend to the Central Government for notifying any user or class of users of energy as a designated consumer under clause (*e*) of section 14;

(*d*) take suitable steps to prescribe guidelines for energy conservation building codes under clause (*p*) of section 14;

(*e*) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;

(*f*) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;

(*g*) strengthen consultancy services in the field of energy conservation;

(*h*) promote research and development in the field of energy conservation;

(*i*) develop testing and certification procedure and promote testing facilities for certification and testing for energy consumption of equipment and appliances;

(*j*) formulate and facilitate implementation of pilot projects and demonstration projects for promotion of efficient use of energy and its conservation;

(*k*) promote use of energy efficient processes, equipment, devices and systems;

(*l*) promote innovative financing of energy efficiency projects;

(*m*) give financial assistance to institutions for promoting efficient use of energy and its conservation;

(*n*) levy fee, as may be determined by regulations, for services provided for promoting efficient use of energy and its conservation;

(*o*) maintain a list of accredited energy auditors as may be specified by regulations;

[2][(*p*) specify, by regulations, the qualifications, criteria and conditions subject to which a person may be accredited as an energy auditor and the procedure for such accreditation;]

(*q*) specify, by regulations, the manner and intervals of time in which the energy audit shall be conducted;

(*r*) specify, by regulations, certification procedures for [3][energy auditors and energy managers] to be designated or appointed by designated consumers;

(*s*) prepare educational curriculum on efficient use of energy and its conservation for educational institutions, boards, universities or autonomous bodies and coordinate with them for inclusion of such curriculum in their syllabus;

[1][(*sa*) conduct examination for capacity building and strengthening of services in the field of energy conservation including certification of energy managers and energy auditors;]

1. Ins. by Act of 28 of 2010, s. 5 (w.e.f. 24-8-2010).
2. Subs. by s. 5, *ibid.*, for clause (*p*) (w.e.f. 24-8-2010).
3. Subs. by s. 5, *ibid.*, for "energy managers" (w.e.f. 24-8-2010).

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(*t*) implement international co-operation programmes relating to efficient use of energy and its conservation as may be assigned to it by the Central Government;

(*u*) perform such other functions as may be prescribed.

CHAPTER V

POWER OF CENTRAL GOVERNMENT TO FACILITATE AND ENFORCE EFFICIENT USE OF ENERGY AND ITS CONSERVATION

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;

(*b*) specify equipment or appliance or class of equipments or appliances, as the case may be, for the purposes of this Act;

(*c*) prohibit manufacture or sale or purchase or import of equipment or appliance specified under clause (*b*), unless such equipment or appliance conforms to energy consumption standards:

[1][Provided that no notification prohibiting manufacture or sale or purchase or import of equipment or appliance shall be issued within a period of six months from the date of notification issued under clause (*a*) of this section:

Provided further that the Central Government may, having regard to the market share and the technological development having impact on equipment or appliance, and for reasons to be recorded in writing, extend the said period of six months referred to in the first proviso by a further period not exceeding six months;]

(*d*) direct display of such particulars on label on equipment or on appliance specified under clause (*b*) and in such manner as may be specified by regulations;

(*e*) specify, having regard to the intensity or quantity of energy consumed and the amount of investment required for switching over to energy efficient equipments and capacity of industry to invest in it and availability of the energy efficient machinery and equipment required by the industry, [2][any user or class of users of energy in the energy intensive industries and other establishments as specified in the Schedule as a designated consumer] for the purposes of this Act;

(*f*) alter the list of Energy Intensive Industries specified in the Schedule;

(*g*) establish and prescribe such energy consumption norms and standards for designated consumers as it may consider necessary:

Provided that the Central Government may prescribe different norms and standards for different designated consumers having regard to such factors as may be prescribed;

(*h*) direct, having regard to quantity of energy consumed or the norms and standards of energy consumption specified under clause (*a*), the Energy Intensive Industries specified in the Schedule to get energy audit conducted by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;

(*i*) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer to get energy audit conducted by an accredited energy auditor;

(*j*) specify the matters to be included for the purposes of inspection under sub-section (*2*) of section 17;

(*k*) direct any designated consumer to furnish to the designated agency, in such form and manner and within such period, as may be prescribed, the information with regard to the energy consumed and action taken on the recommendation of the accredited energy auditor;

(*l*) direct any designated consumer to designate or appoint energy manager in charge of activities for efficient use of energy and its conservation and submit a report, in the form and manner as may be

1. Subs. by Act 28 of 2010, s. 6, for the proviso (w.e.f. 24-8-2010).
2. Subs. by s. 6, *ibid.*, for "any user or class of users of energy as a designated consumer" (w.e.f. 24-8-2010).

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prescribed, on the status of energy consumption at the end of every financial year to the designated agency;

(*m*) prescribe minimum qualification for [1][energy auditors and energy managers] to be designated or appointed under clause (*l*);

(*n*) direct every designated consumer to comply with energy consumption norms and standards;

(*o*) direct any designated consumer, who does not fulfil the energy consumption norms and standards prescribed under clause (*g*), to prepare a scheme for efficient use of energy and its conservation and implement such scheme keeping in view the economic viability of the investment in [2][such form, the time within which and the manner] as may be prescribed;

(*p*) prescribe energy conservation building codes for efficient use of energy and its conservation in the building or building complex;

(*q*) amend the energy conservation building codes to suit the regional and local climatic conditions;

(*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;

(*s*) direct, any designated consumer referred to in clause (*r*), if considered necessary, for efficient use of energy and its conservation in his building to get energy audit conducted in respect of such building by an accredited energy auditor in such manner and intervals of time as may be specified by regulations;

(*t*) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;

(*u*) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;

(*v*) take steps to encourage preferential treatment for use of energy efficient equipment or appliances:

Provided that the powers under clauses (*p*) to (*s*) shall be exercised in consultation with the concerned State.

[3]**[14A. Power of Central Government to issue energy savings certificate**.—(*1*) The Central Government may issue the energy savings certificate to the designated consumer whose energy consumption is less than the prescribed norms and standards in accordance with the procedure as may be prescribed.

(*2*) The designated consumer whose energy consumption is more than the prescribed norms and standards shall be entitled to purchase the energy savings certificate to comply with the prescribed norms and standards.

14B. Power of Central Government to specify value of energy.—The Central Government may, in consultation with the Bureau, prescribe the value of per metric ton of oil equivalent of energy consumed for the purposes of this Act.]

CHAPTER VI

POWER OF STATE GOVERNMENT TO FACILITATE AND ENFORCE EFFICIENT USE OF ENERGY AND ITS CONSERVATION

15. Power of State Government to enforce certain provisions for efficient use of energy and its conservation.—The State Government may, by notification, in consultation with the Bureau—

(*a*) amend the energy conservation building codes to suit the regional and local climatic conditions and may, by rules made by it, specify and notify energy conservation building codes with respect to use of energy in the buildings;

1. Subs. by Act 28 of 2010, s. 6, for "energy managers" (w.e.f. 24-8-2010).
2. Subs. by s. 6, *ibid.*, for "such form and manner" (w.e.f. 24-8-2010).
3. Ins. by s. 7, *ibid.* (w.e.f. 24-8-2010).

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(*b*) direct every owner or occupier of a building or building complex being a designated consumer to comply with the provisions of the energy conservation building codes;

(*c*) direct, if considered necessary for efficient use of energy and its conservation, any designated consumer referred to in clause (*b*) to get energy audit conducted by an accredited energy auditor in such manner and at such intervals of time as may be specified by regulations;

(*d*) designate any agency as designated agency to coordinate, regulate and enforce provisions of this Act within the State;

(*e*) take all measures necessary to create awareness and disseminate information for efficient use of energy and its conservation;

(*f*) arrange and organise training of personnel and specialists in the techniques for efficient use of energy and its conservation;

(*g*) take steps to encourage preferential treatment for use of energy efficient equipment or appliances;

(*h*) direct, any designated consumer to furnish to the designated agency, in such form and manner and within such period as may be specified by rules made by it, information with regard to the energy consumed by such consumer;

(*i*) specify the matters to be included for the purposes of inspection under sub-section (*2*) of section 17.

16. Establishment of Fund by State Government.—(*1*) The State Government shall constitute a Fund to be called the State Energy Conservation Fund for the purposes of promotion of efficient use of energy and its conservation within the State.

(*2*) To the Fund shall be credited all grants and loans that may be made by the State Government or, Central Government or any other organisation or individual for the purposes of this Act.

(*3*) The Fund shall be applied for meeting the expenses incurred for implementing the provisions of this Act.

(*4*) The Fund created under sub-section (*1*) shall be administered by such persons or any authority and in such manner as may be specified in the rules made by the State Government.

17. Power of inspection.—(*1*) The designated agency may appoint, after the expiry of five years from the date of commencement of this Act, as many inspecting officers as may be necessary for the purpose of ensuring compliance with energy consumption standards specified under clause (*a*) of section 14 or ensure display of particulars on label on equipment or appliance specified under clause (*b*) of section 14 or for the purpose of performing such other functions as may be assigned to them.

(*2*) Subject to any rules made under this Act, an inspecting officer shall have power to—

(*a*) inspect any operation carried on or in connection with the equipment or appliance specified under clause (*b*) of section 14 or in respect of which energy standards under clause (*a*) of section 14 have been specified;

(*b*) enter any place of designated consumer at which the energy is used for any activity and may require any proprietor, employee, director, manager or secretary or any other person who may be attending in any manner to or helping in, carrying on any activity with the help of energy—

(*i*) to afford him necessary facility to inspect—

(*A*) any equipment or appliance as he may require and which may be available at such place;

(*B*) any production process to ascertain the energy consumption norms and standards;

(*ii*) to make an inventory of stock of any equipment or appliance checked or verified by him;

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(*iii*) to record the statement of any person which may be useful for, or relevant to, for efficient use of energy and its conservation under this Act.

(*3*) An inspecting officer may enter any place of designated consumer—

(*a*) where any activity with the help of energy is carried on; and

(*b*) where any equipment or appliance notified under clause (*b*) of section 14 has been kept,

during the hours at which such place is open for production or conduct of business connected therewith.

(*4*) An inspecting officer acting under this section shall, on no account, remove or cause to be removed from the place wherein he has entered, any equipment or appliance or books of account or other documents.

18. Power of Central Government or State Government to issue directions.—The Central Government or the State Government may, in the exercise of its powers and performance of its functions under this Act and for efficient use of energy and its conservation, issue such directions in writing as it deems fit for the purposes of this Act to any person, officer, authority or any designated consumer and such person, officer or authority or any designated consumer shall be bound to comply with such directions.

Explanation.—For the avoidance of doubts, it is hereby declared that the power to issue directions under this section includes the power to direct—

(*a*) regulation of norms for process and energy consumption standards in any industry or building or building complex; or

(*b*) regulation of the energy consumption standards for equipment and appliances.

CHAPTER VII

FINANCE, ACCOUNTS AND AUDIT OF BUREAU

19. Grants and loans by Central Government.—The Central Government may, after due appropriation made by Parliament by law in this behalf, make to the Bureau or to the State Governments grants and loans of such sums of money as the Central Government may consider necessary.

20. Establishment of Fund by Central Government.—(*1*) There shall be constituted a Fund to be called as the Central Energy Conservation Fund and there shall be credited thereto—

(*a*) any grants and loans made to the Bureau by the Central Government under section 19;

(*b*) all fees received by the Bureau under this Act;

(*c*) all sums received by the Bureau from such other sources as may be decided upon by the Central Government.

(*2*) The Fund shall be applied for meeting—

(*a*) the salary, allowances and other remuneration of Director-General, Secretary, officers and other employees of the Bureau;

(*b*) expenses of the Bureau in the discharge of its functions under section 13;

(*c*) fee and allowances to be paid to the members of the Governing Council under sub-section (*5*) of section 4;

(*d*) expenses on objects and for purposes authorised by this Act.

21. Borrowing powers of Bureau.—(*1*) The Bureau may, with the consent of the Central Government or in accordance with the terms of any general or special authority given to it by the Central Government, borrow money from any source as it may deem fit for discharging all or any of its functions under this Act.

(*2*) The Central Government may guarantee, in such manner as it thinks fit, the repayment of the principal and the payment of interest thereon with respect to the loans borrowed by the Bureau under sub-section (*1*).

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22. Budget.—The Bureau shall prepare, in such form and at such time in each financial year as may be prescribed, its budget for the next financial year, showing the estimated receipts and expenditure of the Bureau and forward the same to the Central Government.

23. Annual report.—The Bureau shall prepare, in such form and at such time in each financial year as may be prescribed, its annual report, giving a full account of its activities during the previous financial year, and submit a copy thereof to the Central Government.

24. Annual report to be laid before Parliament.—The Central Government shall cause the annual report referred to in section 23 to be laid, as soon as may be after it is received, before each House of Parliament.

25. Accounts and audit.—(*1*) The Bureau shall maintain proper accounts and other relevant records and prepare an annual statement of accounts in such form as may be prescribed by the Central Government in consultation with the Comptroller and Auditor-General of India.

(*2*) The accounts of the Bureau shall be audited by the Comptroller and Auditor-General of India at such intervals as may be specified by him and any expenditure incurred in connection with such audit shall be payable by the Bureau to the Comptroller and Auditor-General.

(*3*) The Comptroller and Auditor-General of India and any other person appointed by him in connection with the audit of the accounts of the Bureau shall have the same rights and privileges and authority in connection with such audit as the Comptroller and Auditor-General generally has in connection with the audit of the Government accounts, and in particular, shall have the right to demand the production of books, accounts, connected vouchers and other documents and papers and to inspect any of the offices of the Bureau.

(*4*) The accounts of the Bureau as certified by the Comptroller and Auditor-General of India or any other person appointed by him in this behalf together with the audit report thereon shall be forwarded annually to the Central Government and that Government shall cause the same to be laid before each House of Parliament.

CHAPTER VIII

PENALTIES AND ADJUDICATION

26. Penalty.—(*1*) If any person fails to comply with the provisions of clause (*c*) or clause (*d*) or clause (*h*) or clause (*i*) or clause (*k*) or clause (*l*) [1]*** or clause (*r*) or clause (*s*) of section 14 or clause (*b*) or clause (*c*) or clause (*h*) of section 15, he shall be liable to a penalty which shall not exceed [2][ten lakh rupees] for each such failure and, in the case of continuing failure, with an additional penalty which may extend to [3][ten thousand rupees] for every day during which such failure continues:

Provided that no person shall be liable to pay penalty within five years from the date of commencement of this Act.

[4][(*1A*) If any person fails to comply with the provisions of clause (*n*) of section 14, he shall be liable to a penalty which shall not exceed ten lakh rupees and, in the case of continuing failure, with an additional penalty which shall not be less than the price of every metric ton of oil equivalent of energy, prescribed under this Act, that is in excess of the prescribed norms.]

(*2*) Any amount payable under this section, if not paid, may be recovered as if it were an arrear of land revenue.

27. Power to adjudicate.—(*1*) For the purpose of adjudging under section 26, the State Commission shall appoint any of its members to be an adjudicating officer for holding an inquiry in such manner as may be prescribed by the Central Government, after giving any person concerned a reasonable opportunity of being heard for the purpose of imposing any penalty.

(*2*) While holding an inquiry, the adjudicating officer shall have power to summon and enforce the attendance of any person acquainted with the facts and circumstances of the case to give evidence or produce any document which in the opinion of the adjudicating officer, may be useful for or relevant to

1. The words, brackets and letter "or clause (*n*)" omitted by Act of 28 of 2010, s. 8 (w.e.f. 24-8-2010).
2. Subs. by s. 8, *ibid.*, for "ten thousand rupees" (w.e.f. 24-8-2010).
3. Subs. by s. 8, *ibid.*, for "one thousand rupees" (w.e.f. 24-8-2010).
4. Ins. by s. 8, *ibid.* (w.e.f. 24-8-2010).

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the subject-matter of the inquiry, and if, on such inquiry, he is satisfied that the person has failed to comply with the provisions of any of the clauses of the sections specified in section 26, he may impose such penalty as he thinks fit in accordance with the provisions of any of those clauses of that section:

Provided that where a State Commission has not been established in a State, the Government of that State shall appoint any of its officer not below the rank equivalent to a Secretary dealing with legal affairs in that State to be an adjudicating officer for the purposes of this section and such officer shall cease to be an adjudicating officer immediately on the appointment of an adjudicating officer by the State Commission on its establishment in that State:

Provided further that where an adjudicating officer appointed by a State Government ceased to be an adjudicating officer, he shall transfer to the adjudicating officer appointed by the State Commission all matters being adjudicated by him and thereafter the adjudicating officer appointed by the State Commission shall adjudicate the penalties on such matters.

28. Factors to be taken into account by adjudicating officer.—While adjudicating the quantum of penalty under section 26, the adjudicating officer shall have due regard to the following factors, namely:—

(*a*) the amount of disproportionate gain or unfair advantage, wherever quantifiable, made as a result of the default;

(*b*) the repetitive nature of the default.

29. Civil court not to have jurisdiction.—No civil court shall have jurisdiction to entertain any suit or proceeding in respect of any matter which an adjudicating officer appointed under this Act or the Appellate Tribunal is empowered by or under this Act to determine and no injunction shall be granted by any court or other authority in respect of any action taken or to be taken in pursuance of any power conferred by or under this Act.

CHAPTER IX

APPELLATE TRIBUNAL FOR ENERGY CONSERVATION

[1][**30. Appellate Tribunal**.—The Appellate Tribunal established under section 110 of the Electricity Act, 2003 (36 of 2003) shall, without prejudice to the provisions of the Electricity Act, 2003, be the Appellate Tribunal for the purposes of this Act and hear appeals against the orders of the adjudicating officer or the Central Government or the State Government or any other authority under this Act.]

31. Appeal to Appellate Tribunal.—(*1*) Any person aggrieved, by an order made by an adjudicating officer or the Central Government or the State Government or any other authority under this Act, may prefer an appeal to the Appellate Tribunal for Energy Conservation:

Provided that any person, appealing against the order of the adjudicating officer levying any penalty, shall, while filing the appeal, deposit the amount of such penalty:

Provided further that where in any particular case, the Appellate Tribunal is of the opinion that the deposit of such penalty would cause undue hardship to such person, the Appellate Tribunal may dispense with such deposit subject to such conditions as it may deem fit to impose so as to safeguard the realisation of penalty.

(*2*) Every appeal under sub-section (*1*) shall be filed within a period of forty-five days from the date on which a copy of the order made by the adjudicating officer or the Central Government or the State Government or any other authority is received by the aggrieved person and it shall be in such form, verified in such manner and be accompanied by such fee as may be prescribed:

Provided that the Appellate Tribunal may entertain an appeal after the expiry of the said period of forty-five days if it is satisfied that there was sufficient cause for not filing it within that period.

(*3*) On receipt of an appeal under sub-section (*1*), the Appellate Tribunal may, after giving the parties to the appeal an opportunity of being heard, pass such orders thereon as it thinks fit, confirming, modifying or setting aside the order appealed against.

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1. Subs. by Act 28 of 2010, s. 9, for section 30 (w.e.f. 24-8-2010).

(*4*) The Appellate Tribunal shall send a copy of every order made by it to the parties to the appeal and to the concerned adjudicating officer or the Central Government or the State Government or any other authority.

(*5*) The appeal filed before the Appellate Tribunal under sub-section (*1*) shall be dealt with by it as expeditiously as possible and endeavour shall be made by it to dispose of the appeal finally within one hundred and eighty days from the date of receipt of the appeal:

Provided that where an appeal could not be disposed of within the said period of one hundred and eighty days, the Appellate Tribunal shall record its reasons in writing for not disposing of the appeal within the said period.

(*6*) The Appellate Tribunal may, for the purpose of examining the legality, propriety or correctness of any order made by the adjudicating officer or the Central Government or the State Government or any other authority under this Act, as the case may be, in relation to any proceeding, on its own motion or otherwise, call for the records of such proceedings and make such order in the case as it thinks fit.

[1][**31A. Procedure and powers of Appellate Tribunal**.—The provisions of sections 120 to 123 (both inclusive) of the Electricity Act, 2003 (36 of 2003) shall, *mutatis mutandis*, apply to the Appellate Tribunal in the discharge of its functions under this Act as they apply to it in the discharge of its function under the Electricity Act, 2003.]

32. *Composition of Appellate Tribunal.* [*Omitted by the Energy Conservation* (*Amendment*) *Act*, 2010 (28 *of* 2010), *s.*11 (*w.e.f.* 24-8-2010)].

33. *Qualifications for appointment of Chairperson and Members of Appellate Tribunal*. [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

34. *Term of office.* [*Omitted by s.*11, *ibid*. (*w.e.f.* 24-8-2010)].

35. *Terms and conditions of service.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

36. *Vacancies.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

37. *Resignation and removal.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

38. *Member to act as Chairperson in certain circumstances.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

39. *Staff of Appellate Tribunal.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

40. *Procedure and powers of Appellate Tribunal.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

41. *Distribution of business amongst Benches.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

42. *Power of Chairperson to transfer cases.* [*Omitted by s.*11, *ibid. (w.e.f.* 24-8-2010)].

43. *Decision to be by majority.* [*Omitted by s.*11, *ibid.* (*w.e.f.* 24-8-2010)].

44. Right of appellant to take assistance of legal practitioner or accredited auditor and of Government to appoint presenting officers.—(*1*) A person preferring an appeal to the Appellate Tribunal under this Act may either appear in person or take the assistance of a legal practitioner or an accredited energy auditor of his choice to present his case before the Appellate Tribunal, as the case may be.

(*2*) The Central Government or the State Government may authorise one or more legal practitioners or any of its officers to act as presenting officers and every person so authorised may present the case with respect to any appeal before the Appellate Tribunal, as the case may be.

45. Appeal to Supreme Court.—Any person aggrieved by any decision or order of the Appellate Tribunal, may, file an appeal to the Supreme Court within sixty days from the date of communication of

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1. Ins. by Act 28 of 2010, s. 10 (w.e.f. 24-8-2010).

the decision or order of the Appellate Tribunal to him, on any one or more of the grounds specified in section 100 of the Code of Civil Procedure, 1908 (5 of 1908):

Provided that the Supreme Court may, if it is satisfied that the appellant was prevented by sufficient cause from filing the appeal within the said period, allow it to be filed within a further period not exceeding sixty days.

CHAPTER X

MISCELLANEOUS

46. Power of Central Government to issue directions to Bureau.—(*1*) Without prejudice to the foregoing provisions of this Act, the Bureau shall, in exercise of its powers or the performance of its functions under this Act, be bound by such directions on questions of policy as the Central Government may give in writing to it from time to time:

Provided that the Bureau shall, as far as practicable, be given an opportunity to express its views before any direction is given under this sub-section.

(*2*) The decision of the Central Government, whether a question is one of policy or not, shall be final.

47. Power of Central Government to supersede Bureau.—(*1*) If at any time the Central Government is of opinion—

(*a*) that on account of grave emergency, the Bureau is unable to discharge the functions and duties imposed on it by or under the provisions of this Act; or

(*b*) that the Bureau has persistently made default in complying with any direction issued by the Central Government under this Act or in discharge of the functions and duties imposed on it by or under the provisions of this Act and as a result of such default, the financial position of the Bureau had deteriorated or the administration of the Bureau had deteriorated; or

(*c*) that circumstances exist which render it necessary in the public interest so to do, the Central Government may, by notification, supersede the Bureau for such period, not exceeding six months, as may be specified in the notification.

(*2*) Upon the publication of a notification under sub-section (*1*) superseding the Bureau,—

(*a*) all the members referred to in clauses (*o*), (*p*) and (*q*) of sub-section (*2*) of section 4 shall, as from the date of supersession, vacate their offices as such;

(*b*) all the powers, functions and duties which may, by or under the provisions of this Act, be exercised or discharged by or on behalf of the Bureau, shall until the Bureau is reconstituted under sub-section (*3*), be exercised and discharged by such person or persons as the Central Government may direct; and

(*c*) all property owned or controlled by the Bureau shall, until the Bureau is reconstituted under sub-section (*3*), vest in the Central Government.

(*3*) On the expiration of the period of supersession specified in the notification issued under sub-section (*1*), the Central Government may reconstitute the Bureau by a fresh appointment and in such case any person or persons who vacated their offices under clause (*a*) of sub-section (*2*), shall not be deemed disqualified for appointment:

Provided that the Central Government may, at any time, before the expiration of the period of supersession, take action under this sub-section.

(*4*) The Central Government shall cause a notification issued under sub-section (*1*) and a full report of any action taken under this section and the circumstances leading to such action to be laid before each House of Parliament at the earliest.

48. Default by companies.—(*1*) Where a company makes a default in complying with the provisions of clause (*c*) or clause (*d*) or clause (*h*) or clause (*i*) or clause (*k*) or clause (*l*) or clause (*n*) or clause (*r*) or clause (*s*) of section 14 or clause (*b*) or clause (*c*) or clause (*h*) of section 15, every person who at the time of such contravention was in charge of, and was responsible to the company for the conduct of the business of the company, as well as the company, shall be deemed to have acted in contravention of the

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said provisions and shall be liable to be proceeded against and imposed penalty under section 26 accordingly:

Provided that nothing contained in this sub-section shall render any such person liable for penalty provided in this Act if he proves that the contravention of the aforesaid provisions was committed without his knowledge or that he exercised all due diligence to prevent the contravention of the aforesaid provision.

(*2*) Notwithstanding anything contained in sub-section (*1*), where any contravention of the provisions of clause (*c*) or clause (*d*) or clause (*h*) or clause (*i*) or clause (*k*) or clause (*l*) or clause (*n*) or clause (*r*) or clause (*s*) of section 14 or clause (*b*) or clause (*c*) or clause (*h*) of section 15 has been committed with the consent or connivance of, or is attributable to, any neglect on the part of, any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to have contravened the said provisions and shall be liable to be proceeded for imposition of penalty accordingly.

Explanation.—For the purposes of this section, "company" means a body corporate and includes a firm or other association of individuals.

49. Exemption from tax on income.—Notwithstanding anything contained in the Income-tax Act, 1961 (43 of 1961) or any other enactment for the time being in force relating to tax on income, profits or gains—

(*a*) the Bureau;

(*b*) the existing Energy Management Centre from the date of its constitution to the date of establishment of the Bureau,

shall not be liable to pay any income-tax or any tax in respect of their income, profits or gains derived.

50. Protection of action taken in good faith.—No suit, prosecution or other legal proceeding shall lie against the Central Government or Director-General or Secretary or State Government or any officer of those Governments or State Commission or its members or any member or officer or other employee of the Bureau for anything which is in good faith done or intended to be done under this Act or the rules or regulations made thereunder.

51. Delegation.—The Bureau may, by general or special order in writing, delegate to any member, member of the committee, officer of the Bureau or any other person subject to such conditions, if any, as may be specified in the order, such of its powers and functions under this Act (except the powers under section 58) as it may deem necessary.

52. Power to obtain information.—Every designated consumer or manufacturer of equipment or appliance specified under clause (*b*) of section 14 shall supply the Bureau with such information, and with such samples of any material or substance used in relation to any equipment or appliance, as the Bureau may require.

53. Power to exempt.—If the Central Government or the State Government is of the opinion that it is necessary or expedient so to do in the public interest, it may, by notification and subject to such conditions as may be specified in the notification, exempt any designated consumer or class of designated consumers from application of all or any of the provisions of this Act:

Provided that the Central Government or the State Government, as the case may be, shall not grant exemption to any designated consumer or class of designated consumers for a period exceeding five years:

Provided further that the Central Government or the State Government, as the case may be, shall consult the Bureau of Energy Efficiency before granting such exemption.

54. Chairperson, Members, officers and employees of the Appellate Tribunal, Members of State Commission, Director-General, Secretary, members, officers and employees of the Bureau to be public servants.—The [1]*** members, Director-General, Secretary, officers and other employees of the Bureau shall be deemed, when acting or purporting to act in pursuance of any of the provisions of this Act, to be public servants within the meaning of section 21 of the Indian Penal Code (45 of 1860).

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1. Certain words omitted by Act of 28 of 2010, s. 12 (w.e.f. 24-8-2010).

55. Power of Central Government to issue directions.—The Central Government may give directions to a State Government or the Bureau as to carrying out into execution of this Act in the State.

56. Power of Central Government to make rules.—(*1*) The Central Government may, by notification, make rules for carrying out the provisions of this Act.

(*2*) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(*a*) such number of persons to be appointed as members by the Central Government under clauses (*o*), (*p*) and (*q*) of sub-section (*2*) of section 4;

(*b*) the fee and allowances to be paid to the members under sub-section (*5*) of section 4;

(*c*) the salary and allowances payable to the Director-General and other terms and conditions of his service and other terms and conditions of service of the Secretary of the Bureau under sub-section (*4*) of section 9;

(*d*) the terms and conditions of service of officers and other employees of the Bureau under sub-section (*2*) of section 10;

(*e*) performing such other functions by the Bureau, as may be prescribed, under clause (*u*) of sub-section (*2*) of section 13;

(*f*) the energy consumption norms and standards for designated consumers under clause (*g*) of section 14;

(*g*) prescribing the different norms and standards for different designated consumers under the proviso to clause (*g*) of section 14;

(*h*) the form and manner and the time within which information with regard to energy consumed and the action taken on the recommendations of the accredited energy auditor be furnished under clause (*k*) of section 14;

(*i*) the form and manner in which the status of energy consumption be submitted under clause (*i*) of section 14;

(*j*) the minimum qualifications for [1][energy auditors and energy managers] under clause (*m*) of section 14;

(*k*) the form and manner for preparation of scheme and its implementation under clause (*o*) of section 14;

(*l*) the energy conservation building codes under clause (*p*) of section 14;

[2][(*la*) prescribing the procedure for issuing the energy savings certificate under sub-section (*1*) of section 14A;

(*laa*) the value of per metric ton of oil equivalent of energy consumed under section 14B;]

(*m*) the matters relating to inspection under sub-section (*2*) of section 17;

(*n*) the form in which, and the time at which, the Bureau shall prepare its budget under section 22;

(*o*) the form in which, and the time at which, the Bureau shall prepare its annual report under section 23;

(*p*) the form in which the accounts of the Bureau shall be maintained under section 25;

(*q*) the manner of holding inquiry under sub-section (*1*) of section 27;

(*r*) the form and fee for filing appeal under sub-section (*2*) of section 31;

[3]* * * * *

1. Subs. by Act 28 of 2010, s. 13, for "energy managers" (w.e.f. 24-8-2010).
2. Ins. by s. 13, *ibid.* (w.e.f. 24-8-2010).
3. Cls. (*s*), (*t*) and (*u*) omitted by s. 13, *ibid.* (w.e.f. 24-8-2010).

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(*v*) any other matter which is to be, or may be, prescribed, or in respect of which provision is to be made, or may be made, by rules.

57. Power of State Government to make rules.—(*1*) The State Government may, by notification, make rules for carrying out the provisions of this Act and not inconsistent with the rules, if any, made by the Central Government.

(*2*) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

(*a*) energy conservation building codes under clause (*a*) of section 15;

(*b*) the form, the manner and the period within which information with regard to energy consumption shall be furnished under clause (*h*) of section 15;

(*c*) the person or any authority who shall administer the Fund and the manner in which the Fund shall be administered under sub-section (*4*) of section 16;

(*d*) the matters to be included for the purposes of inspection under sub-section (*2*) of section 17;

(*e*) any other matter which is to be, or may be, prescribed, or in respect of which provision is to be made, or may be made, by rules.

58. Power of Bureau to make regulations.—(*1*) The Bureau may, with the previous approval of the Central Government and subject to the condition of previous publication, by notification, make regulations not inconsistent with the provisions of this Act and the rules made thereunder to carry out the purposes of this Act.

(*2*) In particular, and without prejudice to the generality of the foregoing power, such regulations may provide for all or any of the following matters, namely:—

(*a*) the times and places of the meetings of the Governing Council and the procedure to be followed at such meetings under sub-section (*1*) of section 5;

(*b*) the members of advisory committees constituted under sub-section (*2*) of section 8;

(*c*) the powers and duties that may be exercised and discharged by the Director-General of the Bureau under sub-section (*6*) of section 9;

(*d*) the levy of fee for services provided for promoting efficient use of energy and its conservation under clause (*n*) of sub-section (*2*) of section 13;

(*e*) the list of accredited energy auditors under clause (*o*) of sub-section (*2*) of section 13;

[1][(*f*) the qualifications, criteria and conditions subject to which a person may be accredited as an energy auditor and the procedure for such accreditation under clause (*p*) of sub-section (*2*) of section 13;]

(*g*) the manner and the intervals of time in which the energy audit shall be conducted under clause (*q*) of sub-section (*2*) of section 13;

(*h*) certification procedure for [2][energy auditors and energy managers] under clause (*r*) of sub-section (*2*) of section 13;

(*i*) particulars required to be displayed on label and the manner of their display under clause (*d*) of section 14;

(*j*) the manner and the intervals of time for conduct of energy audit under clause (*h*) or clause (*s*) of section 14;

(*k*) the manner and the intervals of time for conducting energy audit by an accredited energy auditor under clause (*c*) of section 15;

(*l*) any other matter which is required to be, or may be, specified.

59. Rules and regulations to be laid before Parliament and State Legislature.—(*1*) Every rule made by the Central Government and every regulation made under this Act shall be laid, as soon as may

1. Subs. by Act 28 of 2010, s. 14, for clause (*f*) (w.e.f. 24-8-2010).
2. Subs. by s. 14, *ibid.*, for "energy managers" (w.e.f. 24-8-2010).

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be after it is made, before each House of Parliament while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or regulation, or both Houses agree that the rule or regulation should not be made, the rule or regulation shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule or regulation.

(*2*) Every rule made by the State Government shall be laid, as soon as may be after it is made, before each House of the State Legislature where it consists of two Houses, or where such Legislature consists of one House, before that House.

60. Application of other laws not barred.—The provisions of this Act shall be in addition to, and not in derogation of, the provisions of any other law for the time being in force.

61. Provisions of Act not to apply in certain cases.—The provisions of this Act shall not apply to the Ministry or Department of the Central Government dealing with Defence, Atomic Energy or such other similar Ministries or Departments or undertakings or Boards or institutions under the control of such Ministries or Departments as may be notified by the Central Government.

62. Power to remove difficulty.—(*1*) If any difficulty arises in giving effect to the provisions of this Act, the Central Government may, by order, published in the Official Gazette, make such provisions not inconsistent with the provisions of this Act as may appear to be necessary for removing the difficulty:

Provided that no such order shall be made under this section after the expiry of two years from the date of the commencement of this Act.

(*2*) Every order made under this section shall be laid, as soon as may be after it is made, before each House of Parliament.

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THE SCHEDULE

[*See* section 2(*s*)]

LIST OF ENERGY INTENSIVE INDUSTRIES AND OTHER ESTABLISHMENTS [1]***

1. Aluminium;

2. Fertilizers;

3. Iron and Steel;

4. Cement;

5. Pulp and paper;

6. Chlor Alkali;

7. Sugar;

8. Textile;

9. Chemicals;

10. Railways;

11. Port Trust;

12. Transport Sector (industries and services);

13. Petrochemical, Gas Crackers, Naphtha Crackers and Petroleum Refineries;

14. Thermal power stations, hydel power stations, electricity transmission companies and distribution companies;

15. Commercial buildings or establishments.

———————

1. The words "specified as designated consumers" omitted by Act of 28 of 2010, s. 15 (w.e.f. 24-8-2010).

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Annexure-H 288831/F

Most Immediate

No.25(24)/E.Coord/2017
Government of India
Ministry of Finance
Department of Expenditure
****

North Block, New Delhi
Dated: 01 December, 2017

OFFICE MEMORANDUM

Subject: Economy Measures- Mandatory installation of LED based lightings in Government Buildings- reg.

Reference is invited to this Department's OM of even number dated 04.08.2017 wherein all Ministries/Departments were requested to convert the existing lightings/equipments into LED based lightings and energy efficient equipments on priority utilizing the services of CPWD/EESL. The model Agreement/Contract to be entered in to between the Client Ministry/Department and EESL was also circulated.

2. Recently, the implementation progress of LED based lightings was reviewed by Group of Officers vide meeting in Cabinet Secretariat on 07.11.2017. During deliberations, some of the Ministries/Departments informed about the time taken in obtaining administrative approvals and financial concurrence.

3. The mandatory installation of LED based lightings in Government buildings is a time bound activity. Hence, it is requested of all Financial Advisors to facilitate expeditious processing of the LED based lighting installation proposals received in their Divisions.

(Annie G Mathew)
Joint Secretary (Pers.)
Tel.:2309 3283

To:

All Financial Advisors of Ministries/Departments

Copy to:

Cabinet Secretariat [Shri S.A.M. Rizvi, Joint Secretary]

Circulate pl to all concerned and field units

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BIHAR STATE POLLUTION CONTROL BOARD
Parivesh Bhawan, Patliputra Industrial Area, Patna – 800 010
EPABX-0612-2261250/2262265, Fax-0612-2261050
E-mail: bspcb@yahoo.com, **Website**–http://bspcb.bih.nic.in

Annexure-I

Ref. no. 577- Patna, Dated- 06.01.2020

DISCHARGE CONSENT ORDER

With reference to the online application no.**2584753**, dated **28.10.2019** of **M/s Barauni Thermal Power Station (BTPS), (A unit of NTPC) Barauni, Dist-Begusarai** for consent under section 25/26 of the Water (Prevention & Control of Pollution)Act,1974, he/they is/are granted consent to bring into use his/their new/altered/existing outlet(s) for discharge of trade effluent and/or domestic sewage at **Barauni, Dist-Begusarai (Capacity: 2x250 MW electricity generation)** for the period from **06.01.2020 to 31.12.2024** subject to the following conditions:-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior Clearance from the Board and shall also abide by the obligations under sections 24,31 and 33A of the Water (Prevention & Control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20,21,23,30 and 32 of the Act;
2. That, he /they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4,6,8,9,12,13,17,18,19,20,22 and 23 of the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules 2016; Rules 4,5,7,8,10,11,12,13,14,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991,whichever is applicable;
3. That, he/they shall monitor his/her effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. **30.11.2024** or within 30days from the date of receipt of this order whichever is applicable.
5. **The unit shall operate ETP system to ensure treated effluent for ash slurry preparation and gardening.**
6. **The unit shall ensure connectivity of online effluent quality monitoring system with CPCB server.**
7. **The unit shall discharge ash slurry into ash dyke with impervious base and ensure re-use of supernatant water in ash slurry preparation through AWRS.**
8. **The unit shall obtain permission from Central Ground Water Authority (CGWA) for extraction of ground water.**
9. **The unit shall not discharge any effluent without treatment outside the ash dyke.**
10. **The unit shall comply Specific Water Consumption (SWC) maximum of 3.0 m3/MWh in compliance of MoEF&CC, GoI Notification dated-07.12.2015 & 28.06.2018.**
11. **The unit shall submit Environmental Statement for the financial year ending the 31st March in Form-V on or before the 30th September every year.**
12. **The unit shall comply all the conditions of EC, & CTOs and submit the report of to the Board in addition with the concerned authority for EC (MoEFF&CC) half yearly.**
13. **The unit shall develop proposed ash dyke for these units (2x250 MW) as per undertaking dated-04.01.2020 and till ash dykes of old units shall be used for disposal of ash slurry as contingent system.**

6/1/20

To,

The Chief General Manager,
M/s Barauni Thermal Power Station (BTPS),
(A unit of NTPC),
Barauni, Dist-Begusarai.

(Alok Kumar)
Member Secretary

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BIHAR STATE POLLUTION CONTROL BOARD
Parivesh Bhawan, Patliputra Industrial Area, Patna – 800 010
EPABX-0612-2261250/2262265, Fax-0612-2261050
E-mail: bspcb@yahoo.com, **Website**–http://bspcb.bih.nic.in

Ref. No.- 576.

Patna, Dated- 06.01.2020

EMISSION CONSENT ORDER

With reference to the online application no.**2584753**, dated **28.10.2019** of **M/s Barauni Thermal Power Station (BTPS), (A unit of NTPC) Barauni, Dist-Begusarai** for consent under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their plant at **Barauni, Dist-Begusarai (Capacity: 2x250 MW electricity generation)**for the period **06.01.2020 to 31.12.2024** with the following conditions:-

1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22,23 and 31A of the Air (Prevention & Control of Pollution) Act,1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24,25 and 26 of the Act ;

2 That, he /they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4,6,8,9,12,13,17,18,19,20,22 and 23 of the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules 2016; Rules 4,5,7,8,10,11,12,13,14,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991,whichever is applicable;

3 That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;

4 That, he/they shall submit application for consent 30 days before the expiration of the period of consent i.e. **31.11.2024** or within 30 days from the date of receipt of this order, whichever is applicable.

5 **The unit shall operate ESP to ensure emission standards notified under the E(P)Rules.**

6 **The unit shall comply with new emission standards notified by MoEF&CC, dated-07.12.2015 (Stage-II, Units-8 & 9; PM: 30mg/ Nm^3; SO_2: 100mg/Nm^3; NOx: 100mg/Nm^3 and Hg: 0.03mg/ Nm^3, as installed after January, 2017 applicable for TTP.**

7 **The unit shall install Flue Gas Desulphurization (FGD) System by December 31, 2022 to comply SO_2 emission level.**

8 **The unit shall ensure plantation in the vacant land to develop green belt in & around plant premises in compliance with EC & CTE conditions.**

9 **The unit shall ensure dry fly ash collection from silos for its proper utilization by the concerned stakeholders with the proper detailed record keeping.**

10 **The unit shall ensure fly ash utilization as per the notification.**

11 **The unit shall explore water spray system for control of fugitive emission specially coal handling plant.**

12 **The unit shall submit Environmental Statement for the financial year ending the 31st March in Form-V on or before the 30th September every year.**

13 **The unit shall ensure connectivity of Online Stack Monitoring System (24x7) with CPCB/SPCB of all parameters viz. PM, SO_2, NO_X.**

14 **The unit shall comply all the conditions of EC, & CTOs and submit the report of to the Board in addition with the concerned authority for EC (MoEFF&CC) half yearly.**

15 **The unit shall develop proposed ash dyke for these units (2x250 MW) as per undertaking dated-04.01.2020 and till ash dykes of old units shall be used for disposal of ash slurry as contingent system.**

To,

The Chief General Manager,
M/s Barauni Thermal Power Station (BTPS),
(A unit of NTPC),
Barauni, Dist-Begusarai.

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Location: NTPC LTD.

Member Secretary

Annexure-J

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 : 9845696568
E-MAIL : prakashdevadas@bhel.in

Ref: GM-NTPC/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.

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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 : 9845696568
E-MAIL : prakashdevadas@bhel.in

Network	Switch	10 Mbps backbone	Lower network bandwidth of 10Mbps restricting communication speed capability of latest DCS components.
	Network Hardening settings	No validated Network hardening settings	Not suitable for latest network requirements with hardening features.

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Date: 2022.09.21 17:12:12 +05'30'

Prakash D
AGM (CE-Engg-I)

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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

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ANNEXURE-K

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

07/10/21
(V.K Mishra)
Secretary CEA

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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,

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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.

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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.

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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

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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

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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

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CEA (Cyber Security in Power Sector) Guidelines, 2021

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.

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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).

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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 Swachhta 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.

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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/TR62351-10* Edition1.0 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 actionable 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 systems.

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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.

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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 certificate[$, #] obtained by OEM from a certification body accredited to assess devices and process for conformances 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

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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 Entity, 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.

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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.

%Disturbances 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 suitably 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

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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.

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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: 2011need 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.

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Annexure - B

Annexure – 1

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, Sadashivanagar 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, Makarpura, Vadodara - 390 010 Gujarat 3. Yadav Measurements Pvt. Ltd. (YMPL) 373-375, RIICO Bhamashah Industrial Area Kaladwas 313003 Udaipur – Rajasthan

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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/

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Annexure - 2

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 60870-5-101 & 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).

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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.

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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.

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Annexure – 3

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.

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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. EC 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 watthour smart meter class 1 and 2 – Specification.
2. IS 16444 Part 2: 2017 AC static transformer operated watthour 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.

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Annexure-L

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भारत का राजपत्र
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अधिसूचना

नई दिल्ली, 8 अप्रैल, 2016

का.आ. 1357(अ).—ठोस अपशिष्ट प्रबंधन नियम, 2015 का प्ररुप भारत सरकार के पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की अधिसूचना सं. सा.का.नि.451 (अ) तारीख 3 जून, 2015 को भारत के राजपत्र भाग II, खंड-3, उप खंड (i) में उसी तारीख को प्रकाशित किए गए थे, जिसमें उनसे प्रभावित होने वाले संभावित व्यक्तियों से नगरीय ठोस अपशिष्ट (प्रबंधन और हथालन) नियम 2000 को अधिक्रांत करते हुए उक्त अधिसूचना के द्वारा ठोस अपशिष्ट प्रबंधन नियम, 2015 के प्रकाशन की तारीख से साठ दिनों की अवधि की समाप्ति से पूर्व आक्षेप और सुझाव आमंत्रित किए थे।

उक्त राजपत्र की प्रतियां जनता को तारीख 3 जून, 2015 को उपलब्ध कराई गईं थीं;

निर्धारित अवधि के भीतर उक्त प्रारूप नियमों पर प्राप्त आपत्तियों तथा टिप्पणियों पर केन्द्र सरकार द्वारा सम्यक रूप से विचार किया गया था;

पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 3, 6 और 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए और नगरीय ठोस अपशिष्ट (प्रबंधन और हथालन) नियम, 2000, उन बातों के सिवाय अधिक्रांत करते हुए जिन्हें ऐसे अधिक्रमणों से पहले किया गया है या किए जाने का लोप किया गया है, केन्द्रीय सरकार ठोस अपशिष्टों का प्रबंधन करने के लिए निम्नलिखित नियम बनाती है अर्थात् :

1. संक्षिप्त नाम और प्रारंभ.–

(1) इन नियमों का संक्षिप्त नाम ठोस अपशिष्ट प्रबंधन नियम, 2016 है।

(2) ये राजपत्र में इनके प्रकाशन की तारीख से प्रवृत्त होंगे ।

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2. लागू होना- ये नियम प्रत्येक शहरी स्थानीय निकाय, शहरी क्षेत्रों के विस्तार, भारत के महारजिस्ट्रार और जनगणना आयुक्त द्वारा यथा घोषित जनगणना नगरों, अधिसूचित क्षेत्रों, अधिसूचित औद्योगिक नगरी, भारतीय रेल के अधीन क्षेत्रों, विमानपत्तनों, वायुयान बेस, बंदरगाह और हारबर, रक्षा स्थापनाओं, विशेष आर्थिक जोन, राज्य और केन्द्रीय सरकारों के संगठनों, समय-समय पर क्रमश: राज्य सरकार द्वारा यथा अधिसूचित तीर्थ, धार्मिक तथा ऐतिहासिक महत्व के स्थानों और जिसमें औद्योगिक अपशिष्ट, परिसंकटमय अपशिष्ट, परिसंकटमय रसायन, जैव चिकित्सा अपशिट, ई-अपशिष्ट, सीस-अम्ल बैटरियां और रेडियो सक्रिय अपशिष्ट पर्यावरण (संरक्षण) अधिनियम, 1986 के अधीन अलग से बनाए गए नियमों के अधीन आते हैं, के सिवाय प्रत्येक घरेलू, सांस्थानिक, वाणिज्यिक और किसी भी अन्य गैर-आवासीय ठोस अपशिष्ट जनित्रों पर लागू होंगे:-

3. परिभाषाएं- (1) इन नियमों में, जब तक कि संदर्भ से अन्यथा अपेक्षित न हो,- (1) **"वातजीवी कम्पोस्टीकरण"** से ऑक्सीजन की विद्यमानता में जैविक पदार्थ का सूक्ष्म जैवकीय विघटन अंतर्वलित कोई नियंत्रित प्रक्रिया अभिप्रेत है;

2. **"अवायुजीवी उपचारण"** से ऑक्सीजन के अभाव में जैविक पदार्थ का सूक्ष्म जैवकीय विघटन अंतर्वलित कोई नियंत्रित प्रक्रिया अभिप्रेत है;

3. **"प्राधिकार"** से यथास्थिति, राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति द्वारा किसी प्रसुविधा के प्रचालक या शहरी स्थानीय प्राधिकरण या ठोस अपशिष्ट के प्रसंस्करण और निपटान के उत्तरदायी किसी अन्य अभिकरण को दी गई अनुज्ञा अभिप्रेत है;

4. **"जैविक रूप से अपघटित अपशिष्ट"** से कोई ऐसी कार्बनिक सामग्री अभिप्रेत है जिसे सूक्ष्म जीव द्वारा सरलतर टिकाऊ सम्मिश्रण में निम्नीकृत किया जा सकता है;

5. **"जैविक मिथेनीकरण"** से ऐसी प्रक्रिया अभिप्रेत है जिसमें मिथेन से भरपूर जैव गैस का उत्पादन करने के लिए सूक्ष्मजीवी क्रिया द्वारा कार्बनिक पदार्थ का इंजाइमी अपघटन को अपरिहार्य बनाता है;

6. **"ब्रांडस्वामी"** से कोई व्यक्ति या कंपनी अभिप्रेत है जो किसी रजिस्ट्रीकृत ब्रांड लेवल के अधीन कोई वाणिज्यिक विक्रय करता है;

7. **"मध्यवर्ती परिक्षेत्र"** से ऐसा विकास रहित परिक्षेत्र अभिप्रेत है जिसमें 5 टीपीडी से अधिक की संस्थापित क्षमता वाली ठोस अपशिष्ट प्रसंस्करण तथा निपटान सुविधा के चारों ओर अनुरक्षित किया जाएगा। इसे ठोस अपशिष्ट के प्रसंस्करण तथा निपटान संबंधी सुविधा के लिए आवंटित कुल क्षेत्र के भीतर अनुरक्षित किया जाएगा;

8. **'भारी मात्रा में अपशिष्ट उत्पादक"** से अभिप्रेत है और इसके अंतर्गत औसतन 100 कि.ग्रा. प्रतिदिन की दर से अधिक अपशिष्ट उत्पादित करते हैं तथा इनसे केन्द्रीय सरकार के विभागों अथवा उपक्रमों, राज्य सरकार के विभागों या उपक्रमों, स्थानीय निकायों, सार्वजनिक या प्राइवेट सेक्टर की कंपनियों, अस्पतालों, नर्सिंग होम, स्कूलों, कॉलेजों, विश्वविद्यालयों, अन्य शैक्षिक संस्थाओं, छात्रावासों, होटलों, वाणिज्यिक स्थापनाओं, बाजारों, पूजा स्थलों, स्टेडियमों और खेल परिसरों द्वारा अधिकृत भवन भी है;

9. **"उप-विधि"** से स्थानीय निकाय, जनगणना शहर और अधिसूचित क्षेत्र टाउनशिप द्वारा, अपने अधिकारिता वाले क्षेत्र में इन नियमों को प्रभावी ढ़ंग से कार्यान्वित करने को सुविधाजनक बनाने के लिए, अधिसूचित नियामक ढांचा अभिप्रेत है;

10. **"जनगणना नगर"** से भारत के महारजिस्ट्रार और जनगणना आयुक्त द्वारा यथा परिभाषित शहरी क्षेत्र अभिप्रेत है;

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11. **"ज्वलनशील अपशिष्ट"** से प्लास्टिक, काष्ठ लुगदी आदि जैसी क्लोरोनीकृत सामग्री को छोड़कर गैर-जैवअवक्रमणीय, गैर-पुनर्चक्रणीय, गैर-पुन:उपभोज्य, गैर-परिसंकटमय ठोस अपशिष्ट अभिप्रेत है जिनका 1500 किलो कैलोरी प्रति कि.ग्रा. से न्यूनतम कैलोरिफिक मान हो;

12. **"कम्पोस्टीकरण"** से जैविक पदार्थ का सूक्ष्मजीवी अपघटन अंतर्वलित की एक ऐसी नियंत्रित प्रक्रिया अभिप्रेत है;

13. **"ठेकेदार"** से ऐसा व्यक्ति या फर्म अभिप्रेत है जो कोई सेवा करने के लिए या सेवा प्रदाता प्राधिकारी के लिए कार्य करने के लिए सामग्री या श्रम प्रदान करने की संविदा करता है या करती है;

14. **"सह प्रसंस्करण"** से प्राकृतिक खनिज संसाधनों और औद्योगिक प्रक्रियाओं में जीवाश्म ईंधनों को प्रतिस्थापित करने या उन्हें अनुपूरित, दोनों को करने के लिए कच्ची सामग्री के रूप में या ऊर्जा के स्रोत के रूप में 1500 किलो कैलोरी से अधिक कैलोरिफिक मूल्य वाले गैर-जैव अवक्रमणीय और गैर-पुनर्चक्रणीय ठोस अपशिष्ट का उपयोग अभिप्रेत है;

15. **"विकेंद्रित प्रसंस्करण"** से जैव अवक्रमणीय अपशिष्ट के प्रसंस्करण को अधिकतम करने के लिए बिखरी हुई सुविधाओं की स्थापना और उत्पादन के स्रोत से निकटतम पुनर्चक्रण योग्य सामग्रियों की प्रतिप्राप्ति करना अभिप्रेत है ताकि प्रसंस्करण या निपटान के लिए अपशिष्ट का न्यूनतम परिवहन करना पड़े;

16. **"निपटान"** से भूजल, सतही जल, परिवेशी वायु के संदूषण तथा पशुओं या पक्षियों के आकर्षण को रोकने के लिए अनुसूची 1 में यथा विनिर्दिष्ट भूमि पर प्रसंस्करण के उपरांत अवशिष्ट ठोस अपशिष्ट और निष्क्रिय गली का कूड़ा, करकट और सतही नाले की गाद का अंतिम तथा सुरक्षित निपटान अभिप्रेत है;

17. **"घरेलू परिसंकटमय अपशिष्ट"** से घरेलू स्तर पर उत्पन्न संक्रामक अपशिष्टों जैसे फेंके हुए पेंट के ड्रम, कीटनाशी के डिब्बे, सीएफएल बल्ब, ट्यूब लाइटें, अवधि समाप्त औषधियां, टूटे हुई पारा वाले थर्मामीटर, प्रयुक्त बैटरियां, प्रयुक्त सूइयां, तथा सिरिंज और संदूषित पट्टियां आदि अभिप्रेत हैं;

18. **"द्वार-द्वार संग्रहण"** से घरों, दुकानों, वाणिज्यिक प्रतिष्ठानों, कार्यालयों, संस्थागत या किसी अन्य गैर आवासीय परिसरों से द्वार तक जाकर ठोस अपशिष्ट का संग्रहण करना और जिसके अंतर्गत किसी आवासीय सोसायटी, बहुमंजिले भवन या अपार्टमेंट, बड़े आवासीय, वाणिज्यिक या संस्थागत कॉम्प्लैक्स या परिसरों में भूतल पर प्रवेश द्वार या किसी अभिहित स्थल से ठोस अपशिष्ट का संग्रहण करना भी अभिप्रेत है;

19. **"शुष्क अपशिष्ट"** से जैव-निम्नीकरण अपशिष्ट और निष्क्रिय गली का कूड़ा-करकट से भिन्न अपशिष्ट अभिप्रेत है और जिसके अंतर्गत पुनर्चक्रणीय अपशिष्ट, गैर पुनर्चक्रणीय अपशिष्ट, दाह्य अपशिष्ट और स्वास्थ्यकर नैपकिन और डायपर आदि अपशिष्ट भी है;

20. **"क्षेपण स्थल"** से जिसका स्वास्थ्यकर भूमिभरण के लिए सिद्धांतों को पालन किए बिना ठोस अपशिष्ट के निपटान के लिए शहरी स्थानीय निकाय द्वारा उपयोग की गई कोई भूमि अभिप्रेत है;

21. **"विस्तारित उत्पादक दायित्व"** से पैकेजिंग उत्पादों के जीवन काल के अंत तक पर्यावरण की दृष्टि से अनुकूल प्रबंधन के लिए, पैकेजिंग उत्पादों जैसे प्लास्टिक, टिन, कांच और कॉरूगेटेड बक्सों इत्यादि के किसी उत्पादक के उत्तरदायित्व अभिप्रेत है;

22. **"सुविधा"** से ऐसा कोई स्थापन अभिप्रेत है जिसमें ठोस अपशिष्ट प्रबंध प्रक्रियाएं अर्थात् पृथक्करण पुन:प्राप्ति, भंडारण, संग्रहण, पुनर्चक्रण, प्रसंस्करण, उपचार या सुरक्षित निपटान किया जाता है;

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23. **"जुर्माना"** से इन नियमों तथा/अथवा उप-विधियों के निदेशों के अनुपालन के लिए उपविधियों के अधीन अपशिष्ट जनित्रों या अपशिष्ट प्रसंस्करण के प्रचालकों और निपटान सुविधाओं पर लगाए गए जुर्माना अभिप्रेत है;

24. **''प्ररूप''** से इन नियमों से उपाबद्ध प्ररूप अभिप्रेत है;

25. **''प्रहस्तन''** के अंतर्गत ठोस अपशिष्टों की छंटाई, पृथक्करण, सामग्री की पुन:प्राप्ति, संग्रहण, गौण भंडारण, काटना, गट्ठा बनाना, दलन, लदाई, उतराई, परिवहन, प्रसंस्करण तथा निपटान से संबंधित सभी क्रियाकलाप भी हैं;

26. **''निष्क्रिय''** से ऐसा अपशिष्ट अभिप्रेत है जो जैव अपघटनीय, पुन:चक्रणीय या दाह्य नहीं है, गली की सफाई तथा सतही नालियों से निकाली गई धूल तथा गाद भी हैं;

27. **"भस्मीकरण"** से उच्च तापमान पर अपशिष्ट सामग्रियों को तापीय रूप से निम्नीकृत करने के लिए ठोस अपशिष्ट का जलाना या दहन अंतर्वलित इंजीनियरीकृत प्रक्रिया अभिप्रेत है;

28. **"अनौपचारिक अपशिष्ट संग्राहक"** के अंतर्गत व्यष्टि, संगम ऐसे या अपशिष्ट व्यापारी सम्मिलित है जो पुनर्चक्रणीय सामग्रियों की छंटाई, विक्रय और खरीद से अंतर्वलित है;

29. **"निक्षालितक"** से ऐसा द्रव अभिप्रेत है जो ठोस अपशिष्ट के माध्यम से या अन्य माध्यम से रिसता है जिसमें उसमें घुली हुई या निलंबित सामग्री का सत्व है;

30. **"स्थानीय निकाय"** से अभिप्रेत इन नियमों के प्रयोजन के लिए और जिसके अंतर्गत म्युनिसपल कॉरपोरेशन, नगर निगम, म्युनिसपल कौंसिल, नगरपालिका, नगरपालिका परिषद, म्युनिसपल बोर्ड, नगर पंचायत, और टाउन पंचायत, जनगणना नगर, अधिसूचित क्षेत्र और भारत के विभिन्न राज्यों और संघ राज्य क्षेत्रों में औद्योगिक नगरी चाहे उसका कोई भी नाम से पुकारा जाए, भी है;

31. **"सामग्री पुनर्प्राप्ति सुविधा (एमआरएफ)"** से ऐसी सुविधा अभिप्रेत है जहां गैर कंपोस्टीय ठोस अपशिष्ट को स्थानीय निकाय या नियम 2 में वर्णित कोई अन्य अस्तित्व या इसमें से किसी के द्वारा प्राधिकृत कोई व्यक्ति या अभिकरण जो अपशिष्ट को प्रसंस्करण या निपटान के लिए उसे परिदान या देने के पूर्व इस प्रयोजन के लिए स्थानीय निकाय या नियम 2 में वर्णित अस्तित्व द्वारा नियोजित अपशिष्ट चुनने वाले, अनौपचारिक पुनर्चक्रणकर्ता या कोई अन्य नियोजित कार्यबल को प्राधिकृत अनौपचारिक सेक्टर द्वारा अपशिष्ट के विभिन्न संघटकों से पृथक्करण, छंटाई या पुनर्चक्रण योग्य की पुनर्प्राप्ति की प्रसुविधा है;

32. **"अजैविक निम्नीकरण योग्य अपशिष्ट"** से कोई ऐसा अपशिष्ट अभिप्रेत है जिसका सूक्ष्म जीव द्वारा सरलतर स्थायी यौगिक में निम्नीकरण नहीं किया जा सकता है;

33. **"सुविधा का प्रचालक"** से ऐसा व्यक्ति या अस्तित्व अभिप्रेत है जो ऐसे ठोस अपशिष्ट के प्रहस्तन के लिए सुविधा का स्वामी है या प्रचालित करता है जिसके अंतर्गत स्थानीय निकाय और स्थानीय निकाय द्वारा नियुक्त कोई अन्य अस्तित्व या अभिकरण भी है;

34. **"प्राथमिक संग्रहण"** से पृथक्कृत ठोस अपशिष्ट को उसके उत्पादन के स्रोत जिसके अंतर्गत घर, दुकानें, कार्यालय और कोई अन्य गैर आवासीय परिसर भी हैं से या किसी संग्रहण बिंदु या शहरी स्थानीय निकाय द्वारा विर्निदिष्ट किसी अन्य अवस्थान से संगृहीत करना, उठाना या हटाना अभिप्रेत है;

35. **"प्रसंस्करण"** से कोई वैज्ञानिक प्रक्रिया जिसके द्वारा ठोस अपशिष्ट को पुन: उपयोग, पुन: चक्रित या नए उत्पादों में परिवर्तित करने के प्रयोजन के लिए हथालित करना अभिप्रेत है;

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36. **"पुनर्चक्रण"** से पृथक्कृत ठोस अपशिष्ट को अजैव निम्नीकृत नए पदार्थ या उत्पाद या नए उत्पादों का उत्पादन करने के लिए कच्ची सामग्री के रूप में परिवर्तित करने की प्रक्रिया अभिप्रेत है, जिसमें मूल उत्पादों को समरूप किया जा सकेगा या नहीं किया जा सकेगा;

37. **"पुनर्विकास"** से जहां विद्यमान भवन और अन्य अवसंरचनाएं जीर्णशीर्ण हो गई हैं वहां उसी स्थल पर पुरानी आवासीय या वाणिज्यिक भवनों का पुनर्निर्माण अभिप्रेत है;

38. **"कचरा व्युत्पन्न ईंधन (आरडीएफ)"** से ठोस अपशिष्ट, जैसे प्लास्टिक, काष्ठ, लुगदी या कार्बनिक अपशिष्ट, क्लोरीनीकृत पदार्थों से भिन्न ठोस अपशिष्ट को सुखाकर कतरन, निर्जलीकरण और संहनन द्वारा गुटिका या रोएं के कप में उत्पादित बाह्य अपशिष्ट प्रभाजी से व्युत्पन ईंधन अभिप्रेत है;

39. **"अवशिष्ट ठोस अपशिष्ट"** से और उसके अंतर्गत ऐसी ठोस अपशिष्ट प्रसंस्करण सुविधाओं, जो पुनर्चक्रण या अतिरिक्त प्रसंस्करण के लिए उपयुक्त नहीं है, से प्राप्त अपशिष्ट और अस्वीकृत भी अभिप्रेत है;

40. **"स्वास्थ्यकर भूमिभरण"** से अवशिष्ट ठोस अपशिष्ट के अंतिम और सुरक्षित निपटान और भूजल, सतही जल या क्षणभंगुर वायु धूल, हवा से उड़ा हुआ कूड़ाकरकट, दुर्गंध, अग्नि परिसंकट, पशुओं का खतरा, पक्षियों का खतरा, नाशकजीव, कृंतकनाशी, ग्रीनहाउस गैस उत्सर्जन, सतत जैव प्रदूषणकारी तत्व प्रावण्य अस्थिरता तथा अपरदन के प्रदूषण के प्रति संरक्षात्मक उपायों सहित प्रकल्पित सुविधा में भूमि पर निष्क्रिय अपशिष्ट अभिप्रेत है;

41. **"स्वास्थ्यकर अपशिष्ट"** से प्रयोग किए गए डायपर, स्वास्थ्यकार तौलिए या नैपकिन, टैम्पोन, कन्डोम, इनकंटीनेंस शीट और कोई अन्य समरूप अपशिष्ट से मिलकर बना अपशिष्ट अभिप्रेत है;

42. **"अनुसूची"** से इन नियमों से उपाबद्ध अनुसूची अभिप्रेत है;

43. **"गौण भंडारण"** से प्रसंस्करण या निपटान सुविधा को अपशिष्ट के आगे परिवहन के लिए गौण भंडारण डिपो या एमआरएफ या आधानों पर संग्रहण के पश्चात ठोस अपशिष्ट का अस्थायी संदूषक अभिप्रेत है;

44. **"पृथककरण"** से ठोस अपशिष्ट के विभिन्न संघटकों अर्थात जैविक निम्नीकरण अपशिष्ट जिसके अंतर्गत कृषि और दुग्धपालन अपशिष्ट अजैविक निम्नीकरण अपशिष्ट जिसके अंतर्गत पुन:चक्रणयोग्य अपशिष्ट, गैर पुन:चक्रणयोग्य दाह्य योग्य अपशिष्ट, स्वास्थ्यकर अपशिष्ट और गैर चक्रण योग्य कूड़ाकरकट अपशिष्ट, घरेलू परिसंकटमय अपशिष्ट तथा संनिर्माण और विध्वंस अपशिष्ट भी है, की छंटाई और पृथक भंडारण अभिप्रेत है;

45. **"सेवा प्रदाता"** से जल, मलवहन, विद्युत, टेलीफोन, सड़क, जल निकास आदि अभिप्रेत हैं;

46. **"ठोस अपशिष्ट"** से ठोस या अर्द्धठोस घरेलू अपशिष्ट अभिप्रेत है और इसके अंतर्गत स्थानीय प्राधिकरण और नियम 2 में वर्णित अन्य अस्तित्व के अधीन क्षेत्र में उत्पन्न स्वास्थ्यकर अपशिष्ट, वाणिज्यिक अपशिष्ट, सांस्थानिक अपशिष्ट, खानपान और बाजार अपशिष्ट तथा अन्य गैर–आवासीय अपशिष्ट, गली की सफाई, सतह नालियों से हटाई गई या एकत्रित गाद, उद्यान कृषि अपशिष्ट, कृषि और डेयरी अपशिष्ट, औद्योगिक अपशिष्ट को छोड़कर उपचारित जैव चिकित्सक अपशिष्ट और ई-अपशिष्ट, बैटरी अपशिष्ट, रेडियो सक्रिय अपशिष्ट भी अभिप्रेत है;

47. **"छंटाई करना"** से मिश्रित अपशिष्ट से पुन:चक्रणयोग्य विभिन्न संघटकों और प्रवर्गों जैसे कागज, प्लास्टिक, गत्ता, धातु, कांच आदि को समुचित पुन:चक्रण सुविधा में पृथक करना अभिप्रेत है;

48. **"स्थिरीकरण"** से जैव निम्नीकरण अपशिष्ट को जैवीय अपघटन को स्थायी अवस्था में परिवर्तित करना अभिप्रेत है जहां वह निक्षालन या अरूचिकर सुगंध उत्पन्न नहीं करता है और कृषि भूमि, भू-कटाव नियंत्रण तथा भूमि उपचार के लिए उपयुक्त है;

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49. **"मार्गविक्रेता"** से किसी गली, लेन, पार्श्व पथ, पैदल पथ, खडंजा, सार्वजनिक उद्यान या किसी अन्य सावर्जनिक स्थान या प्राइवेट क्षेत्र, अस्थायी रूप से निर्मित संरचना या स्थान से स्थान घूमकर साधारण जनता को दैनिक उपयोग के वस्तु, माल, सौदा, खाद्य मद या वाणिज्यिक वस्तु के विक्रय करने या उन्हें एक स्थान से दूसरे स्थान तक स्थानांतरित करने में लगे व्यक्ति अभिप्रेत हैं जिसके अंतर्गत फेरीवाला, पैकार, आबादकर तथा ऐसी सभी अन्य समानार्थी पद जो स्थानीय या विनिर्दिष्ट क्षेत्र में हो सकते हैं, भी है और "मार्ग विक्रय" शब्दों को उनके व्याकरणिक रूप भेदों और सजातीय पदों का अर्थ तदनुकूल किया जाएगा;

50. **"बख्शीश फीस"** से स्थानीय प्राधिकरण या राज्य सरकार द्वारा प्राधिकृत कोई राज्य अभिकरण द्वारा कोई फीस या समर्थन मूल्य अभिप्रेत है जो ठोस अपशिष्ट प्रसंस्करण सुविधा के ग्राही या प्रचालक या भूमिभरण पर ठोस अपशिष्ट के निपटान के लिए अवधारित संदात्त है;

51. **"अंतरण स्थल"** से संग्रह क्षेत्रों से ठोस अपशिष्ट प्राप्त करने को सृजित सुविधा और अपशिष्ट प्रसंस्करण और, या निपटान सुविधा को आच्छादित यानों या आधानों में बड़ी मात्रा में परिवहन अभिप्रेत है;

52. **"परिवहन"** से ठोस अपशिष्ट चाहे वह या तो उपचारित आंशिक उपचारित या अनुपचारित को एक स्थान से दूसरे स्थान पर किसी पर्यावरणीय रूप से युक्ति युक्त रीति में विशिष्ट रूप से अभिहित और आच्छादित परिवहन प्रणाली जैसे दुर्गध, कूड़ा कचरा और घृणित दशा को रोकने के लिए प्रवहन अभिप्रेत है;

53. **"उपचार"** से किसी अपशिष्ट के भौतिक, रसायनिक या जैविक लक्षणों या संघटन में रूपांतरण की अभिहित पद्धति, तकनीक या प्रक्रिया अभिप्रेत है जिससे उसके आयतन और क्षितिकारक क्षमता को कम करता है;

54. **"उपयोक्ता फीस"** से ठोस अपशिष्ट संग्रहण, परिवहन प्रसंस्करण और निपटान सेवाओं को उपलब्ध कराने की कुल या आंशिक लागत को प्राप्त करने में अपशिष्ट जनित पर स्थानीय निकाय और नियम 2 में वर्णित किसी अस्तित्व द्वारा अधिरोपित फीस अभिप्रेत है;

55. **"कृमि कम्पोस्ट बनाना"** से केचुओं का प्रयोग करते हुए कम्पोस्ट में सपंरिवर्तित करने की जैव निम्नीकरण प्रक्रिया अभिप्रेत है;

56. **"अपशिष्ट जनित्र"** से और इसके अंतर्गत सम्मिलित से, रेल तथा रक्षा स्थापनाओं सहित प्रत्येक व्यक्ति या व्यक्तियों का समूह या प्रत्येक आवासीय परिसर तथा गैर आवासीय स्थापनाएं भी है, जो ठोस अपशिष्ट उत्पन्न करते हैं, अभिप्रेत है;

57. **''अपशिष्ट की क्रमबद्धता''** से ऐसा प्राथमिकता क्रम अभिप्रेत है जिसके अनुसार ठोस अपशिष्ट का प्रबंधन निवारण, कटौती, पुन:उपयोग, पुनर्चक्रण, पुन: प्राप्ति और निपटान पर बल देकर किया जाना चाहिए जिसमें निवारण को सर्वाधिक प्राथमिकता और भू-भरण में निपटान को न्यूनतम वरीयता का विकल्प होगा;

58. **"अपशिष्ट चुनने वाला"** से ऐसा व्यक्ति या व्यक्तियों का समूह अभिप्रेत है जो अपशिष्ट उत्पादन के स्रोत से पुनः उपयोजनीय तथा पुनर्चक्रण योग्य ठोस अपशिष्ट के संग्रहण और साथ ही पुनर्चक्रकों को उनकी आजीविका अर्जित करने के लिए सीधे या उनके मध्यवर्तियों के माध्यम से विक्रय के लिए गलियों, डिब्बों, प्रसंस्करण तथा अपशिष्ट निपटान सुविधाओं से अपशिष्ट को उठाने में औपचारिक रूप से लगे हुए है;

(2) इसमें प्रयुक्त जिन शब्दों और पदों का अर्थ परिभाषित नहीं किया गया है, परंतु जो पर्यावरण (सरंक्षण) अधिनयम 1986, जल (प्रदूषण निवारण और नियंत्रण) अधिनियम, 1974 जल (प्रदूषण निवारण और नियंत्रण) उपकर अधिनियम 1977 तथा वायु (प्रदूषण निवारण और नियंत्रण) अधिनयम, 1981 में परिभाषित है, के अर्थ होंगे जो संबंधित अधिनियमों में हैं।

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4. अपशिष्ट उत्पन्नकर्ताओं के कर्तव्य. प्रत्येक अपशिष्ट उत्पन्नकर्ता,-

(क) उनके द्वारा उत्पन्न किए गए अपशिष्ट को पृथक्कृत और तीन पृथक शाखाओं अर्थात जैव निम्नीकरणयोग्य, गैर निम्नजीकरणयोग्य और घरेलू परिसंकटमय अपशिष्ट के तीन अलग-अलग डिब्बों में भंडारित करेगा और समय-समय पर स्थानीय प्राधिकरणों द्वारा निदेश या अधिसूचना के अनुसार पृथक किए गए अपशिष्टों को प्राधिकृत अपशिष्ट चुनने वालों या अपशिष्ट संग्रहकर्ताओं को सौंपेगा;

(ख) प्रयोग किए गए स्वास्थ्यकर अपशिष्ट जैसे डायपरों और स्वास्थ्यकर पैडों आदि इन उत्पादों के निर्माताओं या ब्रांड स्वामियों द्वारा उपलब्ध कराई गई थैली में या स्थानीय प्राधिकारियों द्वारा यथा निर्देशित उपयुक्त लपेटन सामग्री में शुष्क अपशिष्ट या अजैविक निम्नीकरण अपशिष्ट के लिए बनाए गए डिब्बे में उसे डालेगा;

(ग) संनिर्माण और विध्वंस अपशिष्ट को पृथक रूप से अपने ही परिसर में भंडारित करेगा, जब कभी वह उत्पन्न होता हो, और उसे संनिर्माण और विध्वंस अपशिष्ट नियम, 2016 के अनुसार निपटान करेगा; और

(घ) अपने परिसर से उत्पन्न कृषि उद्यान अपशिष्ट और उद्यान अपशिष्ट को अपने ही परिसर में पृथक रूप से भंडारित करेगा और समय समय पर स्थानीय निकाय द्वारा निदेशानुसार इसका निपटान करेगा;

(2) कोई अपशिष्ट जनित्र उसके द्वारा उत्पन्न अपशिष्ट को गली, खुले सार्वजनिक स्थानों, नाली या जलाशयों में न फेंकेगा, न जलाएगा और न गाड़ेगा;

(3) सभी अपशिष्ट उत्पन्नकर्ता ऐसी उपयोक्ता फीस का संदाय करेंगे जो ठोस अपशिष्ट प्रबंधन के लिए स्थानीय निकायों की उपविधियों में विनिर्दिष्ट किया जाए;

(4) कोई व्यक्ति अग्रिम रूप से कम से कम तीन कार्य दिवस पूर्व स्थानीय निकाय को सूचित किए बिना किसी गैर अनुज्ञप्ति वाले स्थान पर एक सौ व्यक्तियों से अधिक का ऐसा कोई आयोजन या समारोह आयोजित नहीं करेगा । ऐसा व्यक्ति या ऐसे आयोजन का आयोजक स्रोत पर अपशिष्ट के पृथककरण की व्यवस्था करेगा और पृथक्कृत अपशिष्ट को स्थानीय निकाय द्वारा अभिहित अपशिष्ट चुनने वाले को या अपशिष्ट संग्रहण अभिकरण को सौंपेगा;

(5) प्रत्येक मार्ग विक्रेता अपने कार्यकलाप के दौरान उत्पन्न अपशिष्ट जैसेकि खाद्य अपशिष्ट प्रयोज्य (डिस्पोजेबल) प्लेटों, कपों, डिब्बों, रैपरों, नारियल के छिलको, शेष बचे भोजन, सब्जियों, फलों आदि के लिए उपयुक्त पात्र रखेगा और ऐसे अपशिष्ट को स्थानीय प्राधिकरण द्वारा यथा अधिसूचित अपशिष्ट भंडारण डिपो या पात्र या वाहन में डालेगा;

(6) इन नियमों के अधिसूचित होने की तारीख से एक वर्ष से अंदर सभी आवास कल्याण और बाजार संघ स्थानीय प्राधिकरण की भागीदारी में इन नियमों में यथा विहित जनित्रों द्वारा अपशिष्ट को स्रोत पर पृथक करने, पृथक किए गए अपशिष्ट को अलग-अलग पात्रों में संग्रहण करने में सहायता और पुनर्चक्रणीय सामग्री को प्राधिकृत अपशिष्ट उठाने वालों अथवा प्राधिकृत पुनर्चक्रकों को सौंपना सुनिश्चित करेंगे। जैव-अवक्रमणीय अपशिष्ट का जहां तक संभव होगा परिसर के अंदर संसाधित, उपचारित और कंपोस्ट करके अथवा बायोमिथानेशन के जरिए निपटान किया जाएगा। शेष अपशिष्ट स्थानीय प्राधिकरण द्वारा यथा निर्देशित अपशिष्ट संग्रहकर्ताओं या अभिकरण को दिया जाएगा;

(7) इन नियमों के अधिसूचित होने की तारीख से एक वर्ष के अंदर 5,000 वर्ग मीटर से अधिक क्षेत्रफल वाले सभी गेट लगे समुदाय और संस्थान स्थानीय प्राधिकरण की भागीदारी में इन नियमों में यथा विहित जनित्रों द्वारा अपशिष्ट को स्रोत पर ही पृथक करना, पृथक किए गए अपशिष्ट को अलग-अलग पात्रों में संग्रहण करने में सहायता करना तथा पुनर्चक्रकों को सौंपना सुनिश्चित करेंगे। जैव अवक्रमणीय अपशिष्ट का जहां तक संभव होगा परिसर के अंदर संसाधित, उपचारित और कंपोस्ट करके अथवा बायोमिथानेशन के जरिए निपटान किया जाएगा। शेष अपशिष्ट स्थानीय प्राधिकरण द्वारा यथा निर्देशित अपशिष्ट संग्रहकर्ताओं या अभिकरण को सौंप दिया जाएगा;

(8) इन नियमों के अधिसूचित होने की तारीख से एक वर्ष के अंदर सभी होटल और रेस्टोरेंट स्थानीय प्राधिकरण की भागीदारी में इन नियमों में यथा विहित जनित्रों द्वारा अपशिष्ट को स्रोत पर पृथक करना, पृथक किए गए अपशिष्ट को अलग-अलग पात्रों में संग्रह करने में सहायता करना तथा पुनर्चक्रणीय सामग्री को प्राधिकृत अपशिष्ट उठाने वालों अथवा प्राधिकृत

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पुनर्चक्रकों को सौंपना सुनिश्चित करेंगे। जैव-अवक्रमणीय अपशिष्ट का जहां तक संभव होगा परिसर के अंदर संसाधित उपचारित और कंपोस्ट करके अथवा बायोमिथानेशन के जरिए निपटान किया जाएगा। शेष अपशिष्ट स्थानीय प्राधिकरणद्वारा यथा निर्देशित अपशिष्ट संग्रहकर्ताओं या अभिकरण को दिया जाएगा।

5. पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय के कर्तव्य.- (1) पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय देश में इन नियमों के अनुपालन की मॉनीटरी के लिए उत्तरदायी होगा। यह सचिव, पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की अध्यक्षता के अधीन केन्द्रीय मॉनीटरी समिति का गठन करेगा, जिसमें निम्नलिखित अधिकारी शामिल होंगे जो संयुक्त सचिव या सलाहकार की पंक्ति से निम्न के नहीं होंगे अर्थात् :

(1) शहरी विकास मंत्रालय

(2) ग्रामीण विकास मंत्रालय

(3) रसायन एवं उर्वरक मंत्रालय

(4) कृषि मंत्रालय

(5) केंद्रीय प्रदूषण नियंत्रण बोर्ड

(6) तीन राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति, चक्राणुक्रम द्वारा

(7) तीन राज्य सरकारों के शहरी विकास विभाग, चक्राणुक्रम द्वारा

(8) दो राज्य सरकारों के ग्रामीण विकास विभाग, चक्राणुक्रम द्वारा

(9) तीन शहरी स्थानीय निकाय, चक्राणुक्रम द्वारा

(10) दो जनगणना (सेंसस) शहर, चक्राणुक्रम द्वारा

(11) एफआईसीसीआई, सीआईआई

(12) दो विषय विशेषज्ञ

2. इस केन्द्रीय मानीटरी समिति की बैठक इन नियमों के अनुपालन का मॉनीटर करने और पुनर्विलोकन करने के लिए एक वर्ष में कम से कम एक बार होगी। पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय दो विशेषज्ञों को, यदि आवश्यक हो, सहयोजित कर सकेगा। समिति का प्रत्येक तीन वर्ष में नवीकरण किया जाएगा।

6. शहरी विकास मंत्रालय के कर्त्तव्य.- (1) शहरी विकास मंत्रालय राज्य सरकारों तथा संघ राज्य क्षेत्र के प्रशासनों के साथ निम्नलिखित के लिए समन्वय करेगा, -

(क) ठोस अपशिष्ट प्रबंधन व्यवहारों को सुधारने के लिए राज्यों तथा स्थानीय निकायों द्वारा किए गए उपायों तथा मंत्रालय और बाह्य अभिकरणों द्वारा वित्त पोषित ठोस अपशिष्ट प्रबंधन परियोजनाओं के निष्पादन का वर्ष में कम से कम एक बार आवधिक पुनर्विलोकन करेगा तथा सुधारात्मक उपाय करने पर सलाह देगा;

(ख) इन नियमों की अधिसूचना की तारीख से छह मास के भीतर पणधारियों के साथ परामर्श से ठोस अपशिष्ट प्रबंधन पर राष्ट्रीय नीति तथा रणनीति तैयार करना, जिसके अंतर्गत अपशिष्ट से ऊर्जा की नीति भी है;

(ग) राष्ट्रीय ठोस अपशिष्ट प्रबंधन नीति और राष्ट्रीय शहरी स्वच्छता नीति पर आधारित ठोस प्रबंध के संबंध में राज्य नीति और रणनीति को तैयार करने में राज्यों तथा संघ राज्य क्षेत्रों का मार्गदर्शन करना और उन्हें सुकर बनाना;

(घ) ठोस अपशिष्ट प्रबंध सेक्टर में अनुसंधान और विकास को प्रोत्साहन देना तथा राज्यों और स्थानीय निकायों के लिए सूचना का प्रसार करना;

(ड.) स्थानीय निकायों और अन्य पणधारियों को प्रशिक्षण देना और उनका क्षमता निर्माण करना; और

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(च) समय सीमाओं और मानकों को सुकर बनाने के लिए ठोस अपशिष्ट प्रबंधन पर राज्यों, संघ राज्य क्षेत्रों और स्थानीय निकायों को तकनीकी मार्गदर्शी सिद्धांत तथा परियोजना वित्त प्रदान करना;

7. उर्वरक विभाग, रसायन और उर्वरक मंत्रालय के कर्त्तव्य.- (1) उर्वरक विभाग समुचित क्रियाविधि के माध्यम से, -

(क) नगर कम्पोस्ट के बाजार विकास में सहायता उपलब्ध कराएगा; और

(ख) कंपनियों को विपणन के लिए इस सीमा तक उपलब्ध कराना कि उर्वरक कंपनियों द्वारा 3 से 4 थैले: 6 से 7 थैले के अनुपात में रासायनिक उर्वरकों के साथ कम्पोस्ट के सह विपणन का संर्वधन सुनिश्चित हो।

8. कृषि मंत्रालय, भारत सरकार के कर्तव्य :- कृषि मंत्रालय समुचित तंत्र के माध्यम से.-

(क) कंपोस्ट के विनिर्माण एवं बिक्री के लिए उर्वरक नियंत्रण आदेश को लचीलापन प्रदान करेगा;

(ख) कृषि भूमि पर कंपोस्ट के उपयोग को बढ़ावा देगा;

(ग) स्थानीय प्राधिकारियों या उनकी प्राधिकृत एजेंसियों द्वारा उत्पादित कंपोस्ट की गुणता जांच के लिए प्रयोगशालाएं स्थापित करेगा;

(घ) कंपोस्ट की गुणता बनाए रखने और कृषि भूमि पर कंपोस्ट का उपयोग करते समय कंपोस्ट की तुलना में रासायनिक उर्वरकों के उपयोग के अनुपात के लिए समुचित मार्गदर्शक सिद्धांत जारी करेगा।

9. विद्युत मंत्रालय के कर्तव्य.- विद्युत मंत्रालय समुचित तंत्र के माध्यम से :- (क) ठोस अपशिष्ट पर आधारित अपशिष्ट से ऊर्जा पैदा करने वाले संयंत्रों से उत्पादित विद्युत के लिए टैरिफ या प्रभार निर्धारित करेगा;

(ख) ऐसे अपशिष्ट से उत्पन्न विद्युत की खरीद को वितरण कंपनियों द्वारा ऊर्जा संयंत्रों के लिए अनिवार्य बनाएगा।

10. नवीन और नवीकरणीय ऊर्जा स्रोत मंत्रालय के कर्तव्य.- नवीन और नवीकरणीय ऊर्जा स्रोत मंत्रालय समुचित तंत्र के माध्यम से :-

(क) अपशिष्ट से ऊर्जा पैदा करने वाले संयंत्रों के लिए अवसंरचना सृजन को सुविधाजनक बनाएगा; और

(ख) ऐसे अपशिष्ट से ऊर्जा पैदा करने वाले संयंत्रों के लिए समुचित सब्सिडी या प्रोत्साहन प्रदान करेगा।

11. राज्यों और संघ राज्य क्षेत्रों में शहरी विकास के प्रभारी सचिव के कर्तव्य.-

(1) राज्य या संघ राज्य क्षेत्र में सचिव, राज्य शहरी विकास विभाग म्युनिसिपल प्रशासन के आयुक्त या निदेशक या स्थानीय निकायों के निदेशक के माध्यम से निम्नलिखित सुनिश्चित करेगा :

(क) इन नियमों से सुसंगत अपशिष्ट प्रबंधन के क्षेत्र में अपशिष्ट चुनने वालों के प्रतिनिधियों, स्वयं सहायता समूह और समान समूहों सहित पणधारियों के परामर्श से राज्य या संघ राज्य क्षेत्र के लिए राज्य नीति और ठोस अपशिष्ट प्रबंधन रणनीति तैयार करना जो इन नियमों की अधिसूचना की तारीख से एक वर्ष की अवधि के भीतर शहरी विकास मंत्रालय को राष्ट्रीय ठोस अपशिष्ट प्रबंधन नीति और राष्ट्रीय शहरी स्वच्छता नीति से समरूप होगी;

(ख) ठोस अपशिष्ट प्रबंधन के संबंध में राज्य नीति और रणनीति तैयार करते समय भूमिभरण में जाने वाले अपशिष्ट का न्यूनीकरण को सुनिश्चित करने तथा राज्य नीति और ठोस अपशिष्ट प्रबंध रणनीति में मानव स्वास्थ्य और पर्यावरण पर ठोस अपशिष्ट के प्रभाव को न्यूनीकृत करने के लिए ठोस अपशिष्ट के विभिन्न संघटकों के अपशिष्ट में कमी, पुन:उपयोग, पुनर्चक्रण, वसूली और अनुकूलतम उपयोग पर बल देगा;

(ग) राज्य नीतियों और रणनीतियों में कूड़ा चुनने वालों एवं अपशिष्ट संग्रहकर्ताओं और पुनर्चक्रण उद्योग के अनौपचारिक सेक्टर द्वारा अपशिष्ट को कम करने में निभाई गई महत्वपूर्ण भूमिका को स्वीकार किया जाना और अपशिष्ट प्रबंधन प्रणाली में अपशिष्ट चुनने वालों या अनौपचारिक अपशिष्ट संग्रहकर्ताओं के एकीकरण के बारे में विस्तृत मार्गदर्शक सिद्धांत उपलब्ध कराना;

(घ) सभी स्थानीय प्राधिकरणों द्वारा इन नियमों के उपबंधों के क्रियान्वयन को सुनिश्चित करना;

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(ड.) राज्य के शहरी योजना विभाग को यह सुनिश्चित करने के लिए निदेश देना कि उन शहरों को छोड़कर जो साझा अपशिष्ट प्रसंस्करण सुविधा या शहरों के एक समूह के लिए क्षेत्रीय स्वच्छता भूमिभरण के सदस्य है, राज्य या संघ राज्य क्षेत्र में प्रत्येक शहर की मास्टर प्लान में ठोस अपशिष्ट प्रसंस्करण और निपटान सुविधाएं स्थापित करने के लिए प्रावधान है;

(च) ठोस अपशिष्ट के लिए प्रसंस्करण और निपटान सुविधाएं स्थापित करने के लिए एक वर्ष के अंदर स्थानीय निकायों के वास्ते उपयुक्त भूमि की पहचान और आवंटन सुनिश्चित करना और उन्हें महानगर एवं जिला योजना समितियों या नगर एवं ग्राम योजना विभाग के माध्यम से राज्य/शहरों की मास्टर योजना (भूमि उपयोग की योजना) में शामिल करना;

(छ) राज्य और स्थानीय निकायों के शहरी योजना विभाग को यह सुनिश्चित करने के लिए निदेश देना कि 200 से अधिक आवास वाले या 5,000 वर्ग मीटर से अधिक क्षेत्रफल के प्लॉट वाली ग्रुप हाउसिंग या वाणिज्यिक, सांस्थानिक या अन्य गैर-आवासीय परिसर के लिए विकास योजना में ठोस अपशिष्ट के पृथक्करण, भंडारण, विकेंद्रित प्रसंस्करण के लिए एक अलग स्थल चिन्हित किया जाता है;

(ज) विशेष आर्थिक जोन, औद्योगिक संपदा, औद्योगिक पार्क के विकासकों को निदेश देना कि प्लॉट के कुल क्षेत्रफल का कम से कम 5 प्रतिशत प्लॉट या शैड वसूली या पुनर्चक्रण सुविधा के लिए आरक्षित करें;

(झ) लागत भागीदारी आधार पर क्षेत्रीय सुविधा से 50 कि. मी. (या अधिक) की दूरी के अन्तर्गत आने वाले शहरों और नगरों के समूह के साझा क्षेत्रीय स्वास्थ्यकर भूमिभरण की स्थापना को सुकर बनाना और ऐसे स्वास्थ्यकर भूमिकरणों के वृत्तिक प्रबंधन को सुनिश्चित करना;

(ञ) ठोस अपशिष्ट के प्रबंधन में शहरी स्थानीय निकायों के क्षमता निर्माण तथा स्रोत पर अपशिष्ट के पृथक्करण एवं परिवहन या प्रसंसकरण की व्यवस्था करना;

(ट) राज्य प्रदूषण नियंत्रण बोर्ड के साथ परामर्श करके 5 टन प्रतिदिन से अधिक के ठोस अपशिष्ट प्रसंस्करण और निपटान सुविधाओं के लिए बफर जोन अधिसूचित करना; और

(ठ) अपशिष्ट चुनने वालों और अपशिष्ट के व्यापारियों के पंजीकरण के संबंध में एक योजना शुरू करना ।

12. जिला मजिस्ट्रेट या जिला कलक्टर या उपायुक्त के कर्त्तव्य.- यथा स्थिति, जिला मजिस्ट्रेट या जिला कलक्टर या उपायुक्त,

(क) इन नियमों की अधिसूचना की तारीख से एक वर्ष के भीतर राज्य शहरी विकास विभाग के प्रभारी सचिव के निकट समन्वय से अपने जिले में स्थानीय निकायों को ठोस अपशिष्ट प्रसंस्करण तथा निपटान सुविधाओं की स्थापना करने के लिए नियम 11 के खंड (च) के अनुसार उपयुक्त भूमि की पहचान तथा आबंटन को सुकर बनाएगा;

(ख) अपशिष्ट के पृथक्करण, प्रसंस्करण, उपचार और निपटान पर एक तिमाही में कम से कम तीन मास में एक बार स्थानीय निकायों के अनुपालन का पुनर्विलोकन करेगा और निदेशक या नगरपालिका प्रशासन के आयुक्त या स्थानीय निकायों के निदेशक और राज्य शहरी विकास के प्रभारी सचिव के साथ परामर्श करके उपचारात्मक उपाय करेगा ।

13. राज्य और संघ राज्य क्षेत्र में ग्राम पंचायत या ग्रामीण विकास विभाग के प्रभारी सचिव के कर्तव्य.- (1) उन क्षेत्रों के लिए जो इन नियमों के अधीन आते हैं और उनके अधिकार क्षेत्र में हैं, राज्य और संघ राज्य क्षेत्र में ग्राम पंचायत या शहरी विकास विभाग के प्रभारी सचिव के कर्तव्य वहीं होंगे जो राज्य या संघ राज्य क्षेत्र में शहरी विकास के प्रभारी सचिव के हैं ।

14. केन्द्रीय प्रदूषण नियंत्रण बोर्ड के कर्त्तव्य.- केन्द्रीय प्रदूषण नियंत्रण बोर्ड –

(क) इन नियमों के कार्यान्वयन के लिए राज्य प्रदूषण नियंत्रण बोर्डों और प्रदूषण नियंत्रण समितियों के साथ समन्वय करेगा और स्थानीय निकायों द्वारा विहित मानकों का पालन करेगा;

(ख) सभी ठोस अपशिष्ट प्रसंस्करण और निपटान सुविधाओं की बाबत भूजल, परिवेशी वायु, ध्वनि प्रदूषण, निक्षालन के लिए मानक निश्चित करेगा;

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(ग) ठोस अपशिष्ट प्रसंस्करण सुविधाओं या उपचार प्रौद्योगिकियों के लिए विहित पर्यावरणीय मानकों और सन्नियमों का पुनर्विलोकन करना और जब कभी भी अपेक्षित हो, उनको अद्यतन करना;

(घ) ठोस अपशिष्ट प्रसंस्करण सुविधाओं या उपचार प्रौद्योगिकियों के लिए विहित पर्यावरणीय मानकों के कार्यान्वयन को वर्ष में कम से कम एक बार राज्य प्रदूषण नियंत्रण बोर्डों/प्रदूषण नियंत्रण समितियों के माध्यम से पुनर्विलोकन और उनके द्वारा मॉनीटर किए गए आंकड़ों का संकलन करना;

(ड.) ठोस अपशिष्ट के प्रसंस्करण, पुनर्चक्रण और उपचार के लिए किसी नई प्रौद्योगिकी के प्रयोग पर राज्य प्रदूषण नियंत्रण बोर्डों या प्रदूषण नियंत्रण समितियों के प्रस्तावों का पुनर्विलोकन करना और छ: माह के अंदर उनके लिए निष्पादन मानक, उत्सर्जन मानदंड विहित करना;

(च) स्थानीय निकायों द्वारा इन नियमों के कार्यान्वयन को राज्य प्रदूषण नियंत्रण बोर्डों या प्रदूषण नियंत्रण समितियों के माध्यम से मॉनीटर करना;

(छ) राज्य प्रदूषण नियंत्रण बोर्डों और समितियों से प्राप्त रिपोर्टों के आधार पर इन नियमों के कार्यान्वयन पर वार्षिक रिपोर्ट तैयार करना और उसे पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय को प्रस्तुत करना तथा यह रिपोर्ट लोक अधिकार क्षेत्र में भी रखी जाएंगी;

(ज) प्रतिदिन 5 टन से अधिक ठोस अपशिष्ट का प्रबंधन करने वाली सुविधाओं के विभिन्न आकारों के लिए अपशिष्ट प्रसंस्करण और निपटान सुविधाओं की बाहरी सीमाओं से किसी आवासीय, वाणिज्यिक या किसी अन्य संनिर्माण संबंधी क्रियाकलाप को प्रतिबंधित करने वाले बफर जोन को बनाए रखने के लिए मार्गदर्शक सिद्धांतों को प्रकाशित करना;

(झ) इन नियमों के प्रावधानों का अनुपालन करने के लिए ठोस अपशिष्ट के शहरी स्थानीय निकायों के समर्थ बनाने के लिए प्रसंस्करण और निपटान के पर्यावरणीय पहलुओं पर समय-समय पर मार्गदर्शक सिद्धांत प्रकाशित करना; और

(ञ) अपशिष्ट के अंतरराज्यीय संचलन पर राज्यों या संघ राज्य क्षेत्रों को मार्गदर्शन प्रदान करना ।

15. स्थानीय निकायों, और जनगणना नगरों की ग्राम पंचायतों तथा शहरी समूहों के कर्तव्य और उत्तरदायित्व.- (1) स्थानीय निकाय और पंचायतें :-

(क) राज्य नीति और रणनीति की अधिसूचना की तारीख से छह मास के भीतर ठोस अपशिष्ट प्रबंधन पर राज्य नीति और रणनीति के अनुसार ठोस अपशिष्ट प्रबंध योजना तैयार करना और उसकी एक प्रति राज्य सरकार या संघ राज्य प्रशासन द्वारा राज्य सरकार या संघ राज्य प्रशासन द्वारा प्राधिकृत अभिकरण से उसे अनुमोदित कराना;

(ख) मलिन बस्तियों तथा अनौपचारिक बसावटों, वाणिज्यिक, संस्थागत और अन्य गैर आवासीय परिसरों सहित सभी घरों से पृथक्कृत ठोस अपशिष्ट का द्वार-द्वार के संग्रहण की व्यवस्था करना। बहु मंजिलों भवनों, बड़े वाणिजियक परिसरों, मॉलों, आवासीय परिसरों इत्यादि से अपशिष्ट का संग्रहण प्रवेश द्वार या किसी अन्य अभिहित स्थान किया जा सकता है;

(ग) कूड़ा चुनने वालों/अनौपचारिक अपशिष्ट संग्रहकर्ताओं के संगठनों को मान्यता प्रदान करने की प्रणाली स्थापित करना और द्वार-द्वार जाकर अपशिष्ट संग्रह करने सहित ठोस अपशिष्ट के प्रबंधन में इनकी भागीदारी को सुकर बनाने के लिए इन प्राधिकृत चुनने वालों और अपशिष्ट संग्रहणकर्ताओं के एकीकरण के लिए एक प्रणाली स्थापित करना;

(घ) स्वयं सहायता समूह बनाने को सुकर बनाना, पहचान पत्र उपलब्ध कराना और तदुपरांत घर-घर जाकर अपशिष्ट संग्रह करने सहित ठोस अपशिष्ट प्रबंधन में एकीकरण को प्रोत्साहन देना;

(ड.) इन नियमों की अधिसूचना की तारीख से एक वर्ष के भीतर इन नियमों के उपबंधों को समाविष्ट करते हुए उपविधियां बनाना और समय पर कार्यान्वयन सुनिश्चित करना;

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(च) उपयोक्ता फीस, जो समुचित समझी जाए, समय-समय पर विहित करना और स्वयं या प्राधिकृत अभिकरण के माध्यम से ठोस अपशिष्ट उत्पन्नकर्ताओं से फीस का संग्रह करना;

(छ) अपशिष्ट उत्पन्नकर्ताओं को निदेश देना कि कूड़ा करकट न फैलाएं अथवा कागज, पानी की बोतलें, पेय पदार्थों के केनों, टेट्रा पैक्स, फलों के छिलके, रैपर आदि या सड़क खुले सार्वजनिक स्थान, नालों अपशिष्ट निकायों पर न जलाए या कुंड में न फैंके या उनका निपटान न करें तथा इन नियमों के अधीन विहित किए गए अनुसार स्रोत अपशिष्ट को अलग-अलग करें और पृथक किए गए अपशिष्ट को स्थानीय निकाय द्वारा प्राधिकृत अपशिष्ट चुनने वालों या प्राधिकृत अपशिष्ट संग्रहकर्ता को सौंप दें;

(ज) पुनर्चक्रणीय सामग्रियों छंटाई करने के लिए पर्याप्त स्थान के साथ सामग्री वसूली सुविधाएं या गौण भंडारण सुविधाएं स्थापित करना ताकि अनौपचारिक या प्राधिकृत अपशिष्ट चुनने वाले और अपशिष्ट संग्रह करने वाले अपशिष्ट में से पुनर्चक्रणीय सामग्रियों को अलग कर सकें या उत्पादन के स्रोत से या सामग्री वसूली सुविधाओं से कागज, प्लास्टिक, धातु, शीशा, कपड़ा आदि जैसे पृथक किए गए पुनर्चक्रणीय अपशिष्ट को संग्रह करने के लिए अपशिष्ट चुनने वालों और पुनर्चक्रकों को सुलभ मार्ग उपलब्ध कराना; जैव निम्नीकरण अपशिष्ट के भंडारण के लिए डिब्बे हरे रंग से मुद्रित होंगे, जो पुनर्चक्रण के अपशिष्ट के भंडारण के लिए सफेद रंग से मुद्रित होंगे और अन्य अपशिष्ट के भंडारण के लिए काले रंग से मुद्रित होंगे;

(झ) घरेलू परिसंकटमय अपशिष्ट के लिए अपशिष्ट निक्षेपण केंद्रों की स्थापना करना और अपशिष्ट उत्पन्नकर्ताओं को निदेश देना कि घरेलू परिसंकटमय अपशिष्टों निक्षेपण परिसंकटमय अपशिष्ट निपटान सुविधा में उसके सुरक्षित निपटान के लिए इस केंद्र में करें। ऐसी सुविधा की स्थापना किसी शहर या नगर में इस ढंग से की जाएगी कि एक केंद्र की स्थापना बीस किलोमीटर क्षेत्रफल या उसके भाग के लिए हो जाए और इन केंद्रों में घरेलू परिसंकटमय अपशिष्ट प्राप्त करने के समय अधिसूचित होगा;

(ञ) परिसंकटमय अपशिष्ट निपटान सुविधा तक घरेलू परिसंकटमय अपशिष्ट का सुरक्षित भंडारण और परिवहन सुनिश्चित करना या जो राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति द्वारा निर्देश किया जाए;

(ट) गली के सफाई कर्मचारियों को निदेश देना कि गली की सफाई से संग्रहीत पेड़ के पत्तों को न जलाएं तथा उन्हें अलग से भंडारण करे और स्थानीय निकाय द्वारा प्राधिकृत अपशिष्ट संग्रहकर्ता या अभिकरण को सौंपे;

(ठ) अपशिष्ट चुनने वालों और अपशिष्ट संग्रहकर्ताओं को ठोस अपशिष्ट प्रबंधन का प्रशिक्षण देना;

(ड) दिन-प्रतिदिन आधार पर बाजारों से सब्जियों, फलों, फूलों, मांस, कुक्कुट पालन और मछली बाजार से अपशिष्ट संग्रह करना और स्वास्थ्यकर स्थिति सुनिश्चित करने के लिए बाजारों में उचित स्थानों पर या बाजारों के आस-पास विकेन्द्रीकृत कंपोस्ट प्लांट या जैव मिथेनीकरण प्लांट की स्थापना को प्रोत्साहन देना;

(ढ) जनसंख्या के घनत्व, वाणिज्यिक क्रियाकलाप और स्थानीय स्थिति पर निर्भर करते हुए दैनिक या वैकल्पिक दिवसों या सप्ताह में दो बार सड़कों, मार्गों, गलियों और उप-गलियों की सफाई के अपशिष्ट को पृथक रूप से संग्रह करना;

(ण) सड़क की सफाई के कूड़े और सतही नालियों से निकाली गई गाद को जिन मामलों में इन अपशिष्टों का सीधा संग्रह करने के लिए परिवहन वाहन सुविधाजनक व्यवहार्य नहीं है, अस्थाई रूप से भंडारण करने के लिए आच्छादित गौण भंडारण सुविधा स्थापित करना। इस प्रकार संग्रह किए गए अपशिष्ट का संग्रह और निपटान स्थानीय निकाय द्वारा यथा निर्धारित नियमित अंतराल पर किया जाएगा;

(त) बागवानी, उद्यानों और बगीचों के अपशिष्ट को पृथक रूप से संग्रह करना और जहां तक संभव हो उसका प्रसंस्करण पार्कों और बगीचों में करना;

(थ) पृथक किए गए जैव निम्नीकरणीय अपशिष्ट का परिवहन प्रसंस्करण सुविधाओं जैसे कंपोस्ट प्लांट, जैव मिथेनिकरण संयंत्र या ऐसी कोई सुविधा तक करना। ऐसे अपशिष्ट के स्थल पर प्रसंस्करण को अधिमान्यता दी जानी चाहिए;

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(द) क्रमवर्ती प्रसंस्करण सुविधा या सामग्री पुन:प्राप्ति सुविधाओं या द्वितीयक भंडारण सुविधा को गैर जैव निम्नीकरणीय अपशिष्ट को परिवहन करना;

(ध) निर्माण और विध्वंस अपशिष्ट का परिवहन समय-समय पर यथासंशोधित निर्माण और विध्वंस अपशिष्ट प्रबंधन नियम, 2016 के उपबंधों के अनुसार करना;

(न) समुदाय सुविधा के आस-पास दुर्गंध के नियंत्रण और स्वास्थ्य रक्षक स्थितियों के अनुरक्षण के अध्यधीन समुदाय स्तर पर घरेलू कंपोस्टिंग, बायोगैस उत्पादन, अपशिष्ट के विकेंद्रित प्रसंस्करण में समुदायों को अंतर्वलित करना;

(प) दो वर्षों के भीतर रासायनिक खाद के उपयोग को चरणबद्ध रूप से समाप्त करना और स्थानीय निकायों द्वारा अनुरक्षित सभी उद्यानों, बगीचों में कंपोस्ट का प्रयोग करना और जहां कहीं संभव हो इसके अधिकारिता के अधीन अन्य स्थानों पर भी ऐसा करना अनौपचारिक अपशिष्ट पुनर्चक्रण क्षेत्र द्वारा की जाने वाली पुनर्चक्रण पहलों को प्रोत्साहन उपलब्ध कराए जा सकते हैं;

(फ) उपयुक्त प्रौद्योगिकी जिसके अंतर्गत निम्नलिखित प्रौद्योगिकियां भी हैं, को अंगीकृत करते हुए और समय-समय पर शहरी विकास मंत्रालय द्वारा समय-समय पर जारी मार्गदर्शी सिद्धांतों और केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी दिशानिर्देशों का पालन करते हुए ठोस अपशिष्ट के विभिन्न अवयवों के उचित उपयोग के लिए स्वयं या निजी क्षेत्र के सहभागी या किसी अभिकरण के माध्यम से ठोस अपशिष्ट प्रसंस्करण सुविधाओं और संबंधित अवसंरचना के संनिर्माण, प्रचालन और अनुरक्षण को सुकर बनाना: परिवहन लागत और पर्यावरणीय आघात को न्यूनतम करने के लिए विकेन्द्रीयकृत प्रसंस्करण को अधिमान्यता देना जैसे.-

(क) जैव-मिथैनिकरण, सूक्ष्म जैविक कंपोस्टिंग, वर्मी कंपोस्टिंग, अनारोबिक डाईजेशन या जैव निम्नकरणीय-अपशिष्टों के जैव स्थिरीकरण के लिए कोई अन्य समुचित प्रसंस्करण;

(ख) अपशिष्ट के दहनशील भाग के लिए अवशिष्ट जनित ईंधन सहित अपशिष्ट से ऊर्जा प्रक्रियाएं या अपशिष्ट आधारित विद्युत प्लांटों या सीमेंट भट्टियों को फीड स्टॉक के रूप में आपूर्ति;

(ब) इन नियमों के अधीन विहित रीति से अवशेष अपशिष्टों के निपटान के लिए अनुसूची-I के अनुसार स्वास्थ्यकर भरण स्थलों और आनुषंगिक अवसंरचना का निर्माण, प्रचालन और अनुरक्षण स्वयं या किसी अन्य अभिकरण के माध्यम से करना;

(भ) वार्षिक बजट में पूंजी निवेश के साथ-साथ ठोस अपशिष्ट प्रबंधन सेवाओं के प्रचालन और अनुरक्षण के लिए निधियों का पर्याप्त उपबंध करना और यह सुनिश्चित करना कि स्थानीय निकाय के वैवेकिक कृत्यों के लिए निधियां ठोस अपशिष्ट प्रबंधन तथा इन नियमों के अनुसार स्थानीय निकाय के अन्य बाध्यकारी कृत्यों के लिए आवश्यक निधियों की अपेक्षा पूर्ण करने के पश्चात् की आबंटित की जाएं;

(म) प्ररूप-1 में अपशिष्ट प्रसंस्करण, शोधन या निस्तारण सुविधा स्थापित करने के लिए प्राधिकार अनुदत्त करने के लिए आवेदन करना जिसके अंतर्गत यथास्थिति राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति से स्वास्थ्यकर भरण स्थल सहित प्रतिदिन 5 मीट्रिक टन से अधिक अपशिष्ट हो;

(य) प्राधिकार की विधिमान्यता समाप्त होने से कम से कम साठ दिन पूर्व प्राधिकार के नवीकरण के लिए आवेदन करना;

(यक) उत्तरवर्ती वर्ष के 30 अप्रैल या उसके पूर्व आयुक्त या निदेशक, नगरपालिका प्रशासन को या प्राधिकृत अधिकारी को प्ररूप-4 में वार्षिक रिपोर्ट तैयार और प्रस्तुत करना;

(यख) वार्षिक रिपोर्ट प्रत्येक वर्ष के 31 मई तक शहरी विकास विभाग के प्रभारी सचिव या ग्राम पंचायत या ग्रामीण विकास विभाग और संबंधित राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति को भेजी जाएगी;

(यग) कार्मिकों जिसके अंतर्गत संविदा कार्मिकों और पर्यवेक्षकों भी है, को पृथक किए गए अपशिष्ट के द्वार-द्वार से संग्रहण के लिए और प्रसंस्करण या निपटान सुविधा को प्राथमिक और द्वितीयक परिवहन के दौरान अमिश्रित अपशिष्ट के संबंध में प्रशिक्षण;

(यघ) यह सुनिश्चित करना कि प्रसुविधा का प्रचालक व्यक्तिगत सुरक्षा उपकरण अर्थात् वर्दी, प्रदीप्त जैकट, हाथ के दस्ताने, बरसाती, समुचित जूते और मास्क ठोस अपशिष्ट के प्रहस्तन में लगे सभी कार्मिकों को उपलब्ध कराए और कार्यबल द्वारा इनका उपयोग सुनिश्चित किया जाए;

(यड.) किसी ग्रुप हाउसिंग सोसाइटी या मार्केट काम्पलैक्स की निर्माण योजना के अनुमोदन से पूर्व सुनिश्चित करने की भवन योजना में पृथक किए गए अपशिष्टों के संग्रहण, पृथक्करण और भंडारण के लिए अपशिष्ट संग्रहण केन्द्र स्थापित किया जाना सुनिश्चित किया जाए;

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(यच) कचरा फैलाने वाले या इन नियमों के उपबंधों का अनुपालन करने में असफल रहने वाले व्यक्तियों के लिए स्थल ही जुर्माना लगाने के लिए उपविधि बनाना और मापदंड विहित करना तथा बनाई गई उपविधियों के अनुसार स्थल पर ही जुर्माना लगाने की शक्तियां उचित अधिकारियों या स्थानीय निकायों को प्रत्यायोजित करना; और

(यछ) सूचना, शिक्षण और संचार अभियान के माध्यम से लोक जागरुकता का सृजन करना और निम्नलिखित के संबंध में अपशिष्ट उत्पन्न करने वालों को जानकारी देना;

i. कचरा न फैलाना;

ii. कम अपशिष्ट उत्पन्न करना;

iii. संभव सीमा तक अपशिष्ट का पुन:उपयोग;

iv. अपशिष्ट का जैव निम्नीकरणीय, गैर-जैव निम्नीकरणीय (पुनर्चक्रण योग्य तथा दहनयोग्य), स्वास्थ्यकर अपशिष्ट और घरेलू परिसंकटमय अपशिष्ट के रूप में स्रोत पर पृथक्करण;

v. घरेलू कंपोस्टिंग, वर्मिन कंपोस्टिंग, बायोगैस उत्पादन या समुदाय स्तरीय कंपोस्टिंग/बायोगैस उत्पादन का व्यवहार करना;

vi. उपयोग हुए प्रसाधन अपशिष्ट को ब्रांड स्वामियों द्वारा उपलब्ध कराए गए पाउचों या स्थानीय निकाय द्वारा विहित उपयुक्त लपेटने वाली सामग्री में लपेटना और इसे गैर जैव निम्नीकरणीय अपशिष्ट के लिए रखे गए डिब्बों में डालना;

vii. स्त्रोत पर पृथक्कृत अपशिष्टों का अलग-अलग डिब्बों में भंडारण करना;

viii. अपशिष्ट चुनने वालों, अपशिष्ट संग्राहकों, पुन:चक्रणकर्ताओं या अपशिष्ट संग्रहण अभिकरणों को पृथक्कृत अपशिष्ट सौंपना; और

ix. अपशिष्ट एकत्र करने वालों या स्थानीय निकायों या स्थानीय निकाय द्वारा प्राधिकृत किसी अन्य व्यक्ति को ठोस अपशिष्ट प्रबंधन के लिए मासिक उपयोक्ता फीस या प्रभार का संदाय करना।

(यज) स्वास्थ्यकर स्थल की स्थापना और प्रचालन के लिए नियम 23 में यथाविनिर्दिष्ट समय सीमा के समाप्त होने के तुरंत पश्चात् मिश्रित अपशिष्ट से भरण स्थल को भरना या एकत्र करना बंद किया जाए;

(यझ) अपशिष्ट प्रसंस्करण सुविधाओं से केवल अप्रयोजनीय, गैर-पुनर्चक्रणयोग्य, गैर-जैवनिम्नीकरणीय, गैर-दहनशील और गैर-सक्रिय अपशिष्ट और पूर्व प्रसंस्करण अपशिष्टों तथा अवशिष्टों को ही स्वास्थ्यकर भरण स्थल पर जाने देने की अनुमति दी जाए और स्वास्थ्यकर भरण स्थलों द्वारा अनुसूची 1 में दी गई विशिष्टयों का अनुपालन किया जाएगा। तथापि, अवशिष्टों का यथासंभव पुनर्चक्रण या पुनप्रयोग किए जाने के प्रयास किए जाने चाहिए ताकि भरण स्थल तक शून्य अपशिष्ट जाने के अपेक्षित लक्ष्य की प्राप्ति हो सके;

(यञ) सभी पुराने खुले मलबा स्थलों तथा विद्यमान प्रचालनरत मलबा स्थलों के जैव-खनन तथा जैव-उपचार की संभाव्यता के लिए जांच और विश्लेषण करना और जहां कहीं व्यवहार्य हो स्थलों के जैव-खनन या जैव-उपचार हेतु आवश्यक कार्रवाई करना;

(यट) मलबा स्थल के जैव-खनन और जैव-उपचार की संभाव्यता न होने की स्थिति में पर्यावरण को होने वाली क्षति को रोकने के लिए इसे भरण स्थल कैपिंग मानकों के अनुसार वैज्ञानिक रूप से आच्छादित जाएगा।

16. राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति के कर्तव्य.- (1) राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति द्वारा -

(क) अपनी-अपनी अधिकारिता में स्थानीय निकायों के माध्यम से राज्य में इन नियमों का प्रवर्तन किया जाएगा तथा संबंधित नगरपालिका प्रशासन निदेशालय या राज्य शहरी विकास विभाग के प्रभारी सचिव के निकट समन्वय से वर्ष में कम से कम दो बार इन नियमों के क्रियान्वयन की समीक्षा की जाएगी;

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(ख) अपशिष्ट प्रसंस्करण और निस्तारण स्थलों के लिए अनुसूची I और अनुसूची II के अधीन यथा विर्निदिष्ट पर्यावरणीय मानकों को मॉनीटर करना तथा शर्त का पालन करना;

(ग) स्थानीय निकाय या स्थानीय निकाय द्वारा प्राधिकृत किसी अन्य अभिकरण से प्ररूप 1 में आवेदन की प्राप्ति के पश्चात् प्रस्ताव का परीक्षण करना और ऐसी जांच करना जो उचित समझा जाए;

(घ) प्राधिकार के प्रस्ताव की जांच करते समय, संबंधित अधिनियमितियों के अधीन सहमति की अपेक्षा और अन्य अभिकरणों जैसे राज्य शहरी विकास विभाग, नगर और ग्राम योजना विभाग, जिला योजना समिति या महानगरीय क्षेत्र योजना समिति, जैसा लागू हो, विमानपत्तन या एयरबेस प्राधिकरण, भू-जल बोर्ड, रेलवे, विद्युत वितरण कंपनियां, राजमार्ग विभाग और अन्य संबंधित अभिकरणों के विचारों को ध्यान में रखा जाएगा और उन्हें अपने विचार, यदि कोई हों, देने के लिए चार सप्ताह का समय दिया जाएगा;

(ड.) स्थानीय निकाय या किसी सुविधा प्रचालक या स्थानीय प्राधिकरण द्वारा प्राधिकृत किसी अन्य अभिकरण को प्ररूप 2 में साठ दिन की अवधि के भीतर प्राधिकार जारी करना जिसमें यथाआवश्यक अन्य शर्तों सहित अनुसूची 1 और 2 में यथाविर्निदिष्ट अनुपालन मापदंड और पर्यावरण मानक अधिकथित हों;

(च) ऐसे प्राधिकार की विधिमान्यता सहमतियों की विधिमान्यता के साथ समकालिक होगी;

(छ) यदि स्थानीय प्राधिकरण या सुविधा प्रचालक सुविधा का प्रचालन विहित शर्तों के अनुसार करने में असफल रहता है तो राज्य प्रदूषण नियंत्रण बोर्ड द्वारा खंड (क) के अधीन जारी उक्त प्राधिकार को निलंबित या रद्द किया जा सकेगा;

परंतु यथास्थिति, स्थानीय निकाय या प्रचालक को सूचना दिए बिना ऐसा कोई प्राधिकार निलंबित या रद्द नहीं किया जाएगा; और

(ज) नवीकरण के लिए आवेदन की प्राप्ति पर, प्रत्येक आवेदन को गुणागुण के आधार पर परीक्षा करने के पश्चात् और इस शर्त के अधीन रहते हुए कि सुविधा के प्रचालन में नियमों के सभी उपबंधों, प्राधिकार, सहमति या पर्यावरण अनापत्ति में विनिर्दिष्ट मानकों या शर्तों को पूर्ण कर दिया है, अगले पांच वर्षों के लिए प्राधिकार का नवीकरण करेगा;

(2) राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति आवेदक को सुने जाने का युक्तियुक्त अवसर देने के पश्चात् और लिखित में कारणों को लेखबद्ध करने के पश्चात् प्राधिकार अनुदत्त करने या नवीकरण करने से इंकार कर सकेगा।

(3) नई प्रोद्यौगिकियों के मामले में, जहां यथास्थिति, केन्द्रीय प्रदूषण नियंत्रण बोर्ड, राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति द्वारा कोई मानक विहित नहीं किया गया है, मानक विनिर्दिष्ट करने के लिए केन्द्रीय प्रदूषण नियंत्रण बोर्ड से निवेदन करेगा।

(4) यथास्थिति, राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति जब कभी उचित समझा जाए किन्तु वर्ष में कम से कम एक बार, यथाअभिहित या अधिकथित मानकों तथा यथाअनुमोदित उपचार प्रोद्यौगिकी तथा प्राधिकार में निर्दिष्ट शर्तों और इन नियमों के अधीन अनुसूची-1 और अनुसूची-2 में विनिर्दिष्ट मानकों का अनुपालन मॉनीटर करेगा।

(5) राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति परिसंकटमय अपशिष्ट भंडारण सुविधाओं में अपशिष्ट उत्पादकों द्वारा एकत्रित घरेलू परिसंकटमय अपशिष्ट के सुरक्षित प्रहस्तन और निस्तारण के लिए स्थानीय निकायों को निदेश देगा।

(6) राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति द्वारा अपशिष्ट के अंतर राज्य प्रचालन को विनियमित किया जाएगा।

17. निपटानयोग्य उत्पादों तथा स्वास्थ्यकर नैपकिनों और डायपरों के विनिर्माताओं या ब्रांड स्वामियों के कर्तव्य.- (1) निपटान योग्य उत्पादों जैसे टिन, कांच, प्लास्टिक पैकेजिंग इत्यादि के सभी निर्माता या ऐसे उत्पादों को बाजार में लाने वाले ब्रांड स्वामी अपशिष्ट प्रबंधन प्रणाली की स्थापना के लिए स्थानीय निकायों को आवश्यक वित्तीय सहायता उपलब्ध कराएंगे।

(2) गैर जैव-निम्नीकरणीय पैकेजिंग सामग्री में अपने उत्पादों की बिक्री या विपणन करने वाले ऐसे सभी ब्रांड स्वामी उनके उत्पाद के कारण उत्पन्न हुए पैकेजिंग अपशिष्ट को वापस ग्रहण करने के लिए प्रणाली की व्यवस्था करेंगे।

(3) स्वास्थ्यकर नैपकिनों तथा डायपरों के विनिर्माताओं या ब्रांड स्वामियों या विपणन कंपनियों द्वारा अपने उत्पादों में सभी पुनर्चक्रणयोग्य सामग्रियों के प्रयोग की संभाव्यता का पता लगाएंगे या अपने स्वास्थ्यकर उत्पादों के पैकेट के साथ प्रत्येक नैपकिन या डायपर के निस्तारण के लिए एक पाउच या रैपर उपलब्ध कराएंगे।

(4) ऐसे सभी विनिर्माताओं, ब्रांड स्वामियों या विपणन कंपनियों द्वारा अपने उत्पादों को लपेटने और उनका निस्तारण करने के संबंध में लोगों को जानकारी दी जाएगी।

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18. कचरा व्युत्पन ईंधन से सौ कि.मी. के अंदर अवस्थित औद्योगिक इकाईयों और ठोस अपशिष्ट आधारित ऊर्जा संयंत्रों के कर्तव्य.- ईंधन का प्रयोग करने वाली और ठोस अपशिष्ट आधारित कचरा व्युत्पन ईंधन संयंत्र से सौ कि.मी. के भीतर अवस्थित सभी औद्योगिक इकाइयां इस प्रकार उत्पन्न कचरा व्युत्पन ईंधन द्वारा अपनी ईंधन अपेक्षा के कम से कम 5 प्रतिशत का प्रतिस्थापन करने के लिए इन नियमों की अधिसूचना की तारीख से छह मास के भीतर व्यवस्था करेंगे।

19. ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधा की स्थापना के लिए मानदंड.- (1) भूमि समनुदेशन कार्य आबंटन विभाग ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधाओं की स्थापना के लिए उपयुक्त भूमि उपलब्ध कराने और राज्य सरकार या संघ राज्य क्षेत्र प्रशासन से ऐसे स्थलों को अधिसूचित करने के लिए उत्तरदायी होंगे।

(2) सुविधा का प्रचालक समय-समय पर इस संबंध में केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी तकनीकी मार्गदर्शी सिद्धांतों और शहरी विकास मंत्रालय द्वारा तैयार किए गए ठोस अपशिष्ट प्रबंधन संबंधी मैनुअल के अनुसार सुविधा का डिजाइन करेगा और इसकी स्थापना करेगा।

(3) सुविधा के प्रचालक द्वारा राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति से आवश्यक अनुमोदन प्राप्त किया जाएगा।

(4) राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति द्वारा ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधाओं के प्रचालन के पर्यावरण मानकों की मॉनीटरी की जाएगी।

(5) सुविधा के प्रचालक का उत्तरदायित्व समय-समय पर केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा जारी मार्गदर्शी सिद्धांतों और समय-समय पर शहरी विकास मंत्रालय द्वारा प्रकाशित नगरीय ठोस अपशिष्ट प्रबंधन संबंधी मैनुअल के अनुसार ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधाओं के पर्यावरण के दृष्टि से अनुकूल प्रचालन की होगी।

(6) ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधा के प्रचालक द्वारा राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति और स्थानीय प्राधिकरण को प्रत्येक वर्ष 30 अप्रैल तक प्ररूप 3 में वार्षिक रिपोर्ट प्रस्तुत करेगा।

20. पर्वतीय क्षेत्रों में ठोस अपशिष्ट प्रबंधन के मानदंड और की जाने वाली कार्रवाईयां.- पर्वतीय क्षेत्रों में स्थानीय प्राधिकरणों के कर्तव्य और दायित्व निम्नलिखित अतिरिक्त खंडों के सहित नियम 15 में उल्लिखित के समान होंगे :

(क) पर्वत पर भरण स्थल के संनिर्माण से बचना होगा। प्रसंस्करण सुविधा से अवशिष्ट अपशिष्ट और निष्क्रिय अपशिष्ट का संग्रहण करने के लिए एक उपयुक्त निकटतम अवस्थान पर एक अंतरण स्थान स्थापित किया जाएगा। स्वास्थ्यकर भरण की स्थापना करने के लिए 25 किलोमीटर के भीतर पहाड़ी के नीचे समतल भूमि क्षेत्र में योग्य भूमि का पहचान की जाएगी। अंतरण स्थान से अवशिष्ट अपशिष्ट का निपटान इस स्वास्थ्यकर भरण स्थल पर किया जाएगा।

(ख) ऐसी भूमि उपलब्ध न होने पर की दशा में निष्क्रिय और अवशिष्ट अपशिष्ट के लिए क्षेत्रीय स्वास्थ्यकर भरण स्थल स्थापित करने के प्रयास किए जाएंगे।

(ग) स्थानीय निकाय उपविधि बनाएगा और नागरिकों को गलियों में अपशिष्ट फैंकने से प्रतिषिद्ध करने तथा पर्यटकों को गलियों में या पहाड़ियों से नीचे न फैंकने किसी अपशिष्ट जैसे कागज, पानी की बोतल, शराब की बोतल, सॉफ्ट ड्रिंक के केन, टेट्रा पैक, अन्य कोई प्लास्टिक या कागज अपशिष्ट के स्थान पर सभी पर्यटक स्थलों पर स्थानीय निकाय द्वारा रखे गए कूड़ेदान में फेंकने के निर्देश देना।

(घ) स्थानीय निकाय द्वारा, पर्वतीय क्षेत्रों का भ्रमण करने वाले सभी पर्यटकों को उपविधियों के अधीन ठोस अपशिष्ट प्रबंधन के उपबंधों को नगर में प्रवेश बिंदु के साथ-साथ होटलों तथा अतिथि गृहों इत्यादि के माध्यम से, जहां वे ठहरते हैं और पर्यटन स्थलों पर उपयुक्त विज्ञापन बोर्ड लगाकर, व्यवस्था करेगा।

(ड.) स्थानीय निकाय ठोस अपशिष्ट प्रबंधन सेवाएं संवहनीय बनाने को प्रवेश द्वार पर पर्यटक से ठोस प्रबंधन प्रभार उदगृहीत कर सकेगा ।

(च) भूमि समनुदेशन का प्रभारी विभाग विकेन्द्रीकृत अपशिष्ट प्रसंस्करण सुविधाओं की स्थापना के लिए पर्वतों पर उपयुक्त स्थल की पहचान और आबंटन करेगा। स्थानीय निकाय द्वारा ऐसी सुविधाएं स्थापित की जाएंगी। पर्वतीय स्थान का अनुकूलतम उपयोग करने के लिए सीढ़ी उद्यान प्रणाली को अपनाया जा सकेगा।

21. अपशिष्ट से उर्जा प्रसंस्करण के लिए मानदंड - (1) 1500 कि./कैल./कि.ग्रा. या अधिक के कैलोरिफिक मान रखने वाले गैर पुनःचक्रण अपशिष्टों को भरण स्थलों में निस्तारित नहीं किया जाएगा और उनका उपयोग या तो [illegible]

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अवशेष के माध्यम से या अवशेष व्युत्पन्न ईंधन तैयार करने के लिए फीड स्टॉक के रूप में देकर या ऊर्जा का उत्पादन करने के लिए ही किया जाएगा।

(2) उच्च कैलोरिफिक अपशिष्टों का उपयोग सीमेंट या ताप विद्युत संयंत्रों में सह-प्रसंस्करण के लिए किया जाएगा।

(3) स्थानीय निकाय या सुविधा का प्रचालक या उनके द्वारा नामनिर्दिष्ट अभिकरण जो पांच टन प्रतिदिन से अधिक प्रसंस्करण क्षमता वाली सुविधा के अपशिष्ट के ऊर्जा संयंत्र की स्थापना करना चाहते हों, वे यथास्थिति, राज्य प्रदूषण नियंत्रक बोर्ड या प्रदूषण नियंत्रण समिति को प्राधिकार के लिए प्ररुप-1 में आवेदन प्रस्तुत करेंगे।

(4) अपशिष्ट से ऊर्जा सुविधा की स्थापना करने के लिए ऐसे आवेदनों की प्राप्ति पर राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति उसका परीक्षण करेगा और साठ दिनों के अंदर अनुमति प्रदान करेगा।

22. क्रियान्वयन की समय-सीमा - इन नियमों के क्रियान्वयन के लिए आवश्यक अवसंरचना यथास्थिति, स्थानीय निकायों और अन्य संबंधित प्राधिकरणों द्वारा प्रत्यक्ष तथा स्वयं या नियोजित अभिकरणों द्वारा निम्नलिखित विनिर्दिष्ट समय-सीमा में सृजित की जाएंगी :

क्रम सं.	क्रियाकलाप	नियमों की अधिसूचना की तारीख से समय-सीमा
(1)	ठोस अपशिष्ट प्रसंस्करण सुविधा को स्थापित करने के लिए उपयुक्त स्थलों की पहचान करना	1 वर्ष
(2)	0.5 करोड़ जनसंख्या से कम के स्थानीय निकायों के योग्य उपयुक्त समूह के लिए साझा क्षेत्रीय स्वास्थ्यकर भरण सुविधा को स्थापित करने के लिए और 0.5 करोड़ या अधिक की जनसंख्या वाले सभी स्थानीय प्राधिकरणों द्वारा साझा क्षेत्रीय स्वास्थ्यकर भरण स्थल सुविधाओं या एकल भरण सुविधाओं की स्थापना करने के लिए उपयुक्त स्थलों की पहचान।	1 वर्ष
(3)	ठोस अपशिष्ट प्रसंस्करण सुविधा और स्वास्थ्यकर भरण स्थल सुविधाओं के लिए उपयुक्त स्थलों का उपापन।	2 वर्ष
(4)	जैव निम्नीकरणीय, पुनःचक्रण योग्य, दहन योग्य, स्वास्थ्यकर अपशिष्ट, घरेलू परिसंकटमय तथा निष्क्रिय ठोस अपशिष्टों का स्रोत पर पृथक्करण के लिए चलन के लिए अपशिष्ट उत्पन्नकर्ताओं को बाध्य करना ।	2 वर्ष
(5)	पृथक्कृत अपशिष्ट घर-घर से एकत्र करके और प्रसंस्करण या निपटान सुविधाओं का परिवहन आच्छादित वाहनों में सुनिश्चित करना।	2 वर्ष
(6)	संनिर्माण तथा विध्वंस अपशिष्टों का अलग-अलग भंडारण, संग्रहण और परिवहन सुनिश्चित करना।	2 वर्ष
(7)	100000 से अधिक जनसंख्या वाले सभी स्थानीय निकायों द्वारा ठोस अपशिष्ट प्रसंस्करण सुविधाओं की स्थापना करना।	2 वर्ष
(8)	100000 से कम जनसंख्या वाले स्थानीय निकायों और नगरों द्वारा ठोस अपशिष्ट प्रसंस्करण सुविधाओं की स्थापना करना।	3 वर्ष
(9)	इन नियमों के अधीन यथा अनुज्ञात प्रसंस्करण सुविधाओं से केवल ऐसे अवशिष्ट अपशिष्टों के साथ-साथ अशोधित निष्क्रिय अपशिष्ट के निपटान के	3 वर्ष

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	लिए 0.5 करोड़ या उससे अधिक की जनसंख्या वाले सभी स्थानीय निकायों द्वारा या के लिए सम्मिलित या एकल भरण की स्थापना।	
(10)	इन नियमों के अधीन अनुज्ञात अपशिष्ट के निपटान के लिए 0.5 करोड़ से कम के अधीन सभी स्थानीय निकायों और जनसंख्या नगरों द्वारा सम्मिलित या क्षेत्रीय भरण स्थलों की स्थापना।	3 वर्ष
(11)	पुराने या परित्यक्त कूड़ा स्थलों का जैविक उपचार करना या उन्हें ढकना।	5 वर्ष

23. राज्य स्तरीय सलाहकार निकाय.- (1) संबंधित राज्य सरकार या संघ राज्य क्षेत्र प्रशासन के स्थानीय निकायों का प्रत्येक विभाग प्रभारी इन नियमों की अधिसूचना की तारीख से छह मास के भीतर एक राज्य स्तरीय सलाहकार समिति का गठन करेगा जिसमें निम्नलिखित सदस्य शामिल होंगे:-

क्रम संख्या	**पदनाम**	**सदस्य**
(1)	**(2)**	**(3)**
1.	राज्य के शहरी विकास विभाग/स्थानीय स्वशासन विभाग के सचिव	अध्यक्ष, पदेन
2	राज्य सरकार के पंचायत या ग्रामीण विकास विभाग का संयुक्त सचिव से अन्यून पंक्ति का एक प्रतिनिधि	सदस्य, पदेन
3.	राज्य सरकार के राजस्व विभाग का एक प्रतिनिधि	सदस्य, पदेन
4.	पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय, भारत सरकार का एक प्रतिनिधि	सदस्य, पदेन
5.	शहरी विकास मंत्रालय, भारत सरकार का एक प्रतिनिधि	सदस्य, पदेन
6.	ग्रामीण विकास मंत्रालय, भारत सरकार का एक प्रतिनिधि	सदस्य, पदेन
7.	केंद्रीय प्रदूषण नियंत्रण बोर्ड का एक प्रतिनिधि	सदस्य, पदेन
8.	राज्य प्रदूषण नियंत्रण बोर्ड .या प्रदूषण नियंत्रण समिति का एक प्रतिनिधि	सदस्य, पदेन
9.	भारतीय प्रौद्योगिकी संस्थान या राष्ट्रीय प्रौद्योगिकी संस्थान का एक प्रतिनिधि	सदस्य, पदेन
10.	राज्य का मुख्य नगर नियोजक	सदस्य
11.	स्थानीय निकायों के चक्रानुक्रम द्वारा तीन प्रतिनिधि,	सदस्य
12.	जनगणना नगरों/शहरी समुदायों के दो प्रतिनिधि	सदस्य
13.	अपशिष्ट चुनने वालों/अनौपचारिक पुनर्चक्रणकर्ता या ठोस अपशिष्ट प्रबंधन के लिए काम करने वाले विख्यात गैर सरकारी संगठन या सिविल सोसायटी का एक प्रतिनिधि	सदस्य

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14.	राज्य या केन्द्रीय स्तर पर उद्योगों का प्रतिनिधित्व करने वाले निकाय का एक प्रतिनिधि	सदस्य
15.	अपशिष्ट पुनर्चक्रण उद्योग का एक प्रतिनिधि	सदस्य
16.	दो विषय विशेषज्ञ	सदस्य
17.	राज्य सरकार के राजस्व विभाग, कृषि विभाग और श्रम विभाग का सहयोजित एक प्रतिनिधि	सदस्य

(2) इन नियमों के क्रियान्वयन से संबंधित सभी विषयों, ठोस अपशिष्ट प्रबंध संबंधी राज्य की नीति तथा कार्यनीति की समीक्षा करने और इन नियमों के त्वरित और समुचित क्रियान्वयन के लिए आवश्यक उपाय करने के लिए राज्य सरकार को सलाह देने के लिए राज्य स्तरीय सलाहकार निकाय प्रत्येक छह माह में कम से कम एक बैठक करेगी।

(3) समीक्षा रिपोर्ट की प्रतियां आवश्यक कार्रवाई हेतु राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति को अग्रेषित की जाएंगी।

24. वार्षिक रिपोर्ट.- (1) सुविधा के प्रचालक द्वारा प्रत्येक वर्ष 30 अप्रैल को या इससे पूर्व प्ररुप III में स्थानीय निकाय को वार्षिक रिपोर्ट प्रस्तुत की जाएगी।

(2) स्थानीय नगरीय निकाय प्ररुप IV में अपनी वार्षिक रिपोर्ट राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण समिति और संबंधित राज्य या संघ राज्य क्षेत्र के शहरी विकास विभाग के प्रभारी सचिव या मेट्रोपालिटिन नगर की दशा में नगर पालिका प्रशासन के निदेशक या नगरपालिका प्रशासन के आयुक्त या राज्य के अन्य सभी स्थानीय निकायों के मामले में राज्य के स्थानीय निकायों प्रभारी अधिकारी को प्रत्येक वर्ष के 30 जून या उससे पहले अग्रेषित करेगी ।

(3) यथास्थिति, प्रत्येक राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समिति, इन नियमों के क्रियान्वयन और अनुपालन न करने वाले स्थानीय निकायों पर की गई कार्रवाई की समेकित वार्षिक रिपोर्ट प्ररुप V में तैयार करेगी और प्रत्येक वर्ष के 31 जुलाई तक केंद्रीय प्रदूषण नियंत्रण बोर्ड और शहरी विकास मंत्रालय को प्रस्तुत करेगी ।

(4) केंद्रीय प्रदूषण नियंत्रण बोर्ड, देश में स्थानीय निकायों द्वारा इन नियमों के क्रियान्वयन की स्थिति पर एक समेकित समीक्षा रिपोर्ट तैयार की जाएगी और शहरी विकास मंत्रालय और पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय को अपनी सिफारिशों के साथ प्रत्येक वर्ष 31 अगस्त से पहले अग्रेषित की जाएगी।

(5) पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय द्वारा केन्द्रीय निगरानी समिति की बैठक के दौरान वार्षिक रिपोर्ट का पुनर्विलोकन किया जाएगा।

25. दुर्घटना की रिपोर्ट देना - किसी ठोस अपशिष्ट प्रसंसकरण या सुविधा केंद्र या भराव भूमि स्थल पर कोई दुर्घटना होने की दशा में, तब सुविधा का प्रभारी अधिकारी प्ररुप VI में घटना की रिपोर्ट स्थानीय निकाय को भेजेगा। स्थानीय निकाय द्वारा समीक्षा की जाएगी और सुविधा के प्रभारी अधिकारी को अनुदेश, यदि कोई हो, जारी किया जाएगा।

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अनुसूची I

[नियम 15 (ब),(यद्म),16(1)(ख)(ड.),16(4) देखें]

स्वास्थ्यकर भरण स्थलों के लिए विनिर्देश

क. स्थल चयन के लिए मानदंड. -

(i) भूमि निर्धारण के कार्य आबंटन में विभाग द्वारा ठोस अपशिष्ट प्रसंस्करण और शोधन सुविधाओं की स्थापना करने के लिए उपयुक्त स्थल उपलब्ध कराया जाएगा और ऐसे स्थलों को अधिसूचित किया जाएगा।

(ii) भूमि भरण स्थल योजनाबद्ध, तथा निर्माण योजना के साथ-साथ चरणबद्ध रीति से बंदी योजना के उचित प्रलेखन के साथ अभिकल्पित और विकसित किए जाएंगे। किसी विद्यमान भूमि भरण स्थल से लगी हुई कोई नई भूमि भरण सुविधा तैयार किए जाने की दशा में विद्यमान भूमि भरण स्थल की बंदी योजना, ऐसे नए भूमि भरण स्थल के प्रस्ताव का भाग होगी।

(iii) भरण स्थलों का चयन आसपास की अपशिष्ट प्रसंस्करण सुविधाओं का प्रयोग करने के लिए किया जाएगा। अन्यथा अपशिष्ट प्रसंस्करण सुविधा की योजना भरण स्थल के अभिन्न भाग के रूप में बनाई जाएगी।

(iv) भूमि भरण स्थल शहरी विकास मंत्रालय, भारत सरकार और केन्द्रीय प्रदूषण नियंत्रण बोर्ड के मार्गदर्शी सिद्धांतों के अनुसार स्थापित किए जाएंगे।

(v) विद्यमान भूमि भरण स्थल, जो पांच वर्षों से अधिक से उपयोग में हैं, इस अनुसूची में दिए गए विनिर्देशों के अनुसरण में उन्नत किए जाएंगे।

(vi) भूमि भरण स्थल कम से कम 20-25 वर्षों तक चलने के लिए पर्याप्त रूप से बड़े होंगे तथा जल जमाव और दुरूपयोग को रोकने के लिए चरणबद्ध रीति से "भूमि भरण सेल" विकसित किए जाएंगे।

(vii) भूमि भरण स्थल नदी से 100 मीटर, तालाब से 200 मीटर, राजमार्गों, आवास स्थलों, सार्वजनिक उद्यानों और जल आपूर्ति कुंओं से 200 मीटर तथा विमानपत्तनों या हवाई अड्डे से 20 किमी की दूरी पर होंगे । तथापि, विशेष मामले में, भूमि भरण स्थल को नागर विमानन प्राधिकरण/वायु सेना, जैसा भी मामला हो, से अनापत्ति प्रमाण पत्र प्राप्त कर लेने के बाद विमानपत्तन/हवाईअड्डे से 10 और 20 किमी की दूरी के अंदर स्थापित किया जा सकता है। तटीय विनियम जोन, नमभूमि, महत्वपूर्ण आवासीय क्षेत्रों, संवेदनशील पारि-भंगुर क्षेत्रों और गत 100 वर्षों से यथा दर्ज बाढ़ के मैदानों के अंदर भूमि भरण स्थल के लिए अनुमति नहीं दी जाएगी।

(viii) भरण स्थल और ठोस अपशिष्ट के शोधन तथा निस्तारण के लिए स्थलों को नगर आयोजना विभाग की भूमि उपयोग योजनाओं में शामिल किया जाएगा।

(ix) पांच टन प्रतिदिन से अधिक की संस्थापित क्षमता वाली ठोस अपशिष्ट प्रसंस्करण तथा निस्तारण सुविधा के आसपास गैर विकास का बफर जोन बनाए रखा जाएगा। इसका अनुरक्षण ठोस अपशिष्ट प्रसंस्करण तथा निस्तारण सुविधा के कुल क्षेत्र के अंदर किया जाएगा। बफर जोन का निर्धारण स्थानीय प्राधिकरण द्वारा संबंधित राज्य प्रदूषण नियंत्रण बोर्ड के परामर्श से मामला दर मामला आधार पर किया जाएगा।

(x) जैव-चिकित्सीय अपशिष्ट का निपटान समय-समय पर यथा संशोधित जैव-चिकित्सीय अपशिष्ट प्रबंधन नियम, 2016 के अनुसार किया जाएगा। परिसंकटमय अपशिष्टों का प्रबंधन समय-समय पर यथासंशोधित परिसंकटमय और अन्य अपशिष्ट (प्रबंधन और सीमा-पारीय संचलन) नियम, 2016 के अनुसार किया जाएगा। ई-अपशिष्टों का प्रबंधन समय-समय पर यथासंशोधित ई-अपशिष्ट (प्रबंधन) नियम, 2016 के अनुसार किया जाएगा।

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(xi) अपशिष्ट प्रसंस्करण का कार्य न हो पाने और आपातकाल या प्राकृतिक आपदाओं के दौरान अपशिष्ट को रखने के लिए प्रत्येक भरण स्थल पर ठोस अपशिष्ट के लिए अस्थाई भंडारण सुविधा स्थापित की जाएगी।

ख. स्वास्थ्यकर भरण स्थलों पर सुविधाओं के विकास के लिए मानदंड .-

(i) भूमि भरण स्थल पर चार-दीवारी या बाड़ होगी और अंदर आने वाले वाहनों की निगरानी करने, अनधिकृत व्यक्तियों तथा आवारा पशुओं के प्रवेश को रोकने के लिए उचित उपयुक्त दरवाजा लगाया जाएगा।

(ii) वाहनों और अन्य मशीनरी का मुक्त संचलन सुनिश्चित करने के लिए पहुंच और/आंतरिक सड़कें ठोस या पक्की बनाई जाएगी ताकि वाहनीय संचलन के कारण धूल कणों को उड़ने से रोका जा सके।

(iii) भूमि भरण स्थल पर भूमि भरण के लिए लाए जाने वाले अपशिष्ट की मॉनीटरी करने के लिए अपशिष्ट निरीक्षण सुविधा, अभिलेख रखने के लिए कार्यालय सुविधा तथा प्रदूषण मॉनीटरी उपस्कर सहित उपस्कर और मशीनरी रखने के लिए आश्रय स्थल होंगे। सुविधा का प्रचालक अपशिष्ट प्राप्ति, प्रसंस्करण और निपटान का लेखा-जोखा रखेगा।

(iv) भूमि भरण स्थल पर लाए जाने वाले अपशिष्ट की मात्रा को मापने के लिए धर्मकांटा, अग्नि सुरक्षा उपस्कर और अन्य सुविधाएं, जो भी अपेक्षित हों, जैसे प्रावधान किए जाएंगे ।

(v) पेयजल और स्वास्थ्य सुविधाओं (अधिमानत: कर्मकारों के लिए धोने/नहाने की सुविधाओं) जैसी उपयोगिताओं और सहज भूमि भरण प्रचालनों, जब रात्रि के समय किए जाते हैं, के लिए प्रकाश व्यवस्था का प्रावधान होगा।

(vi) भूमि भरण स्थलों पर कार्मिकों के स्वास्थ्य की जांच सहित सुरक्षा प्रावधान किए जाएंगे।

(vii) परिवहन वाहनों की पार्किंग और सफाई या धुलाई के लिए प्रावधान किए जाएंगे। इस प्रकार उत्पन्न मल जल का शोधन विनिर्दिष्ट मानकों को पूरा करने के लिए किया जाएगा।

ग. भूमि भरण प्रचालनों और भूमि भरण पूर्ण होने पर उनको बंद करने के विनिर्देशों के लिए मानदण्ड.-

(i) अपशिष्ट का उच्च घनत्व प्राप्त करने के लिए भूमि भरण किए जाने वाले अपशिष्ट को भारी कम्पेक्टरों का प्रयोग करते हुए पतली परतों में संहत किया जाएगा । अधिक वर्षा वाले क्षेत्रों, जहां भारी कम्पेक्टरों का प्रयोग नहीं किया जा सकता, में वैकल्पिक उपाय अपनाए जाएंगे ।

(ii) अपशिष्टों को तत्काल या प्रत्येक कार्य दिवस के अंत में कम से कम 10 सेमी मिट्टी, अक्रिय मलबे या निर्माण सामग्री से उस समय तक ढक दिया जाएगा जब तक कि कम्पोस्टिंग या पुनर्चक्रण या ऊर्जा पुनर्प्राप्ति के लिए अपशिष्ट प्रसंस्करण सुविधाएं स्थापित न कर दी जाएं।

(iii) मानसून ऋतु के आरंभ होने से पूर्व भूमि भरण स्थल पर मानसून के दौरान पानी के रिसाव को रोकने के लिए उचित संहनन और श्रेणीकरण के साथ 40-65 सेमी मोटी मिट्टी का मध्यवर्ती आवरण बिछा दिया जाएगा। भूमि भरण स्थल के प्रभावी क्षेत्र से पानी के बहाव को विपथित करने के लिए उचित निकास नालियों का निर्माण किया जाएगा।

(iv) भूमि भरण स्थल के पूरा हो जाने के पश्चात उसके रिसाव और अपरदन को न्यूनतम करने के लिए अंतिम आवरण डिजाइन किया जाएगा। अंतिम आवरण निम्नलिखित विनिर्देशों के अनुसार होगा, अर्थात् -

(क) अंतिम आवरण में $1x10^{-7}$ सेमी/सेकंड से कम के पारगम्यता गुणांक सहित 60 सेमी की चिकनी मिट्टी या शोधित मिट्टी से युक्त अवरोधक मिट्टी की परत होगी।

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(ख) अवरोधक मिट्टी की परत के ऊपर 15 सेमी की एक निकास परत होगी।

(ग) निकास परत के ऊपर प्रकृतिजन्य पादपों की वृद्धि में सहायता करने और अपरदन को कम करने के लिए 45 सेमी की एक वनस्पतिक परत होगी।

घ. प्रदूषण निवारण के मानदंड.- भूमि भरण प्रचालनों से प्रदूषण समस्याओं को रोकने के क्रम में निम्नलिखित प्रावधान किए जाएंगे, अर्थात्-

(i) तूफान जल नाले को इस तरीके से डिजाइन और निर्मित किया जाए कि सतही जल बहाव, भूमि भरण स्थल से विपथित हो जाए और ठोस अपशिष्ट स्थानों से निक्षालक, सतही जल बहाव में मिश्रित न हो। निक्षालक उत्पत्ति को कम करने और सतही जल के प्रदूषण को रोकने तथा बाढ़ और दलदली स्थितियों से बचने के लिए भी तूफान जल प्रवाह नालियों के विपथन का प्रावधान किया जाएगा।

(ii) अपशिष्ट निपटान क्षेत्र के आधार और दीवारों पर गैर-पारगम्य लाइनिंग प्रणाली का निर्माण। ऐसी अपशिष्ट प्रसंस्करण सुविधाओं के अवशिष्ट अथवा मिश्रित अपशिष्ट या खतरनाक सामग्रियों (जैसे कि ऐरोसोल, ब्लीच, पालिश, बैटरी, अपशिष्ट तेल, पेंट उत्पाद और कीटनाशक) के संदूषण वाले अपशिष्ट को भरने के लिए प्रयुक्त होने वाले भरण स्थलों के लिए न्यूनतम लाइनर विनिर्देश, एक ऐसा मिश्र अवरोधक होगा जो 1.5 मिमी मोटी उच्च घनत्व वाली पॉलीईथाइलीन (एचडीपीई) जियो-मेम्ब्रेन या जियो-सिंथेटिक लाइनर या उसके समतुल्य होगा तथा मिट्टी (चिकनी अथवा शोधित मिट्टी) के 90 सेमी के ऊपर होगी तथा इसका पारगम्यता गुणांक $1x10^{-7}$ सेमी/सेकंड से अधिक नहीं होगा। जल सारणी का अधिकतम स्तर, भूमि भरण स्थलों के निचले भाग पर उपलब्ध कराई गई चिकनी अथवा शोधित मिट्टी के अवरोधक परत के आधार से कम से कम दो मीटर नीचे होगा।

(iii) निक्षालकों के संग्रहण और शोधन सहित इनके प्रबंधन के लिए प्रावधान किए जाएंगे । शोधित निक्षालक, अनुसूची-II में निर्दिष्ट मानकों को पूरा करने के पश्चात् पुनर्चक्रित या उपयोग में लाए जाएंगे। अन्यथा इन्हें मलनिर्यास लाइन में विमुक्त कर दिया जाएगा। किसी भी हाल में निक्षालक को खुले वातावरण में विमुक्त नहीं किया जाएगा।

(iv) भूमि भरण क्षेत्र से बहने वाले जल को किसी नाले, धारा, नदी, झील या तालाब में प्रवेश करने से रोकने की व्यवस्था की जाएगी। जल बहाव के निक्षालक या ठोस अपशिष्ट के साथ मिश्रित होने के मामले में, समस्त मिश्रित जल को संबंधित प्राधिकरण द्वारा शोधित किया जाएगा।

ड. जल गुणवत्ता मॉनीटरी के लिए मानदंड.-

(i) किसी भूमि भरण स्थल को स्थापित करने से पूर्व, क्षेत्र में भूमि जल गुणवत्ता के मूलाधार आंकड़े एकत्रित किए जाएंगे और उन्हें भविष्य में संदर्भ के लिए रिकार्ड में रखा जाएगा। भूमि भरण स्थल की परिधि के 50 मीटर के अंदर भूमि जल गुणवत्ता को वर्ष में विभिन्न ऋतुओं अर्थात ग्रीष्म, मानसून और मानसून-पश्च अवधि के दौरान आवधिक रूप से मॉनीटर किया जाएगा ताकि यह सुनिश्चित हो सके कि भू- जल, स्वीकार्य सीमा से अधिक संदूषित न हो।

(ii) किसी भी प्रयोजन (पेय जल और सिंचाई सहित) के लिए भूमि भरण स्थलों में और उनके आस-पास भूमि जल के उपयोग पर उसकी गुणवत्ता को सुनिश्चित करने के बाद विचार किया जाएगा। मॉनीटरी प्रयोजन के लिए पेयजल गुणवत्ता हेतु निम्नलिखित विनिर्देश लागू होंगे, अर्थात् :-

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क्र.सं.	पैरामीटर	आईएस 10500:2012, संस्करण 2.2 (2003-09) वांछनीय सीमा (मिग्रा/ली., पीएच को छोड़कर
(1)	(2)	(3)
(1)	आर्सेनिक	0.01
(2)	कैडमियम	0.01
(3)	क्रोमियम (Cr^{6+} के रूप में)	0.05
(4)	तांबा	0.05
(5)	साइनाइड	0.05
(6)	सीसा	0.05
(7)	पारा	0.001
(8)	निकल	-
(9)	नाइट्रेट, एनओ$_3$ के रूप में	45.0
(10)	पीएच (pH)	6.5-8.5
(11)	लोहा	0.3
(12)	कुल कठोरता (सीएसीओ$_3$ के रूप में)	300.0
(13)	क्लोराइड	250
(14)	विलीन ठोस	500
(15)	फेनोलिक यौगिक (सी$_6$एच$_5$ओएच के रूप में)	0.001
(16)	जस्ता	5.0
(17)	सल्फेट (एसओ$_4$ के रूप में)	200

च. परिवेशी वायु गुणवत्ता की मानीटरी के लिए मानदंड. -

(i) भूमि भरण स्थल पर दुर्गंध को कम करने, गैसों को अपस्थलीय फैलने से रोकने, पुनर्वासित भूमि भरण स्थल सतह पर उगाई गई वनस्पति को बचाने के लिए गैस संग्रहण प्रणाली सहित भूमि भरण गैस नियंत्रण प्रणाली संस्थापित की जाएगी। भूमि भरण गैस पुनर्प्राप्ति को बढ़ाने के लिए गैस संग्रहण कुओं के साथ आच्छादन प्रणालियों में जियो मेम्ब्रेन के प्रयोग पर विचार किया जाएगा।

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(ii) भूमि भरण स्थल पर निकलने वाली मीथेन गैस का सान्द्रण, निम्न विस्फोटक सीमा (एलईएल) के 25 प्रतिशत से अधिक नहीं होगा।

(iii) किसी भूमि भरण स्थल पर संग्रहण सुविधा से प्राप्त भूमि भरण गैस का उपयोग व्यवहार्यता के अनुसार या तो सीधे तापीय अनुप्रयोगों या विद्युत उत्पादन में किया जाएगा। अन्यथा, भूमि भरण गैस को जला (प्रदीप्त) दिया जाएगा और सीधे वायुमंडल में या अवैध रूप से निकासी के लिए नहीं छोड़ा जाएगा। यदि इसका उपयोग या प्रदीप्त संभव न हो तो निष्क्रिय निकास की अनुमति दी जाएगी।

(iv) भूमि भरण स्थल पर और इसके आसपास परिवेशी वायु गुणवत्ता के नियमित रूप से मॉनीटरी की जाएगी। परिवेशी वायु गुणवत्ता औद्योगिक क्षेत्र के लिए केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा विहित मानकों के अनुसार होगी।

छ. भूमि भरण स्थल पर पौधरोपण के लिए मानदंड.- तैयार स्थल के ऊपर निम्नलिखित विनिर्देशों के अनुसार वनस्पतिक आवरण बनाया जाएगा, अर्थात् :

(क) स्थानीय रूप से अंगीकृत अखाद्य बारहमासी पौधों, जो सूखे तथा अत्यधिक तापमान के प्रतिरोधी हैं, को उगाया जाएगा;

(ख) पौधे ऐसे प्रजाति के होंगे कि उनकी जड़ें 30 सेमी से अधिक गहरी न हों। यह शर्त, भूमि भरण स्थल के स्थिर होने तक लागू रहेगी;

(ग) चयनित पौधों में न्यूनतम पोषक वृद्धि के साथ न्यून-पोषक मिट्टी में पनपने की क्षमता होगी;

(घ) मिट्टी के अपरदन को कम करने के लिए पर्याप्त घनत्व में पौधरोपण किया जाएगा;

(ड.) राज्य प्रदूषण नियंत्रण बोर्डों या प्रदूषण नियंत्रण समितियों के परामर्श से भूमि भरण स्थल की सीमा के चारों ओर हरित क्षेत्र विकसित किए जाएंगे।

ज. भूमि भरण स्थल पर पश्चात्वर्ती देखरेख के लिए मानदंड. – (1) भूमि भरण स्थल की बंदी-पश्च देखरेख कम से कम पंद्रह वर्षों के लिए की जाएगी और दीर्घकालिक मॉनीटरी या देखरेख योजना निम्नलिखित से युक्त होगी, अर्थात् :-

(क) सबसे ऊपरी परत की अखंडता और प्रभाविता को बनाए रखना, मरम्मत करते रहना तथा सबसे ऊपरी परत को अपरदन या अन्य प्रकार के नुकसान के जारी रहने और बहने को रोकना;

(ख) अपेक्षानुसार निक्षालक संग्रहण प्रणाली की मॉनीटरी करना;

(ग) भरण स्थल में और इसके आसपास भू-जल की मॉनीटरी करना;

(घ) मानकों के अनुरूप भूमि भरण गैस संग्रहण प्रणाली का अनुरक्षण और प्रचालन करना।

(2) पंद्रह वर्ष की बंदी-पश्च मॉनीटरी के बाद बंद पड़े भूमि भरण स्थलों के उपयोग पर मानव बस्ती या अन्यथा प्रयोग किए जाने के बारे में यह सुनिश्चित करने के बाद ही विचार किया जाएगा कि गैसीय उत्सर्जन और निक्षालक गुणवत्ता विश्लेषण, विनिर्दिष्ट मानकों के अनुपालन में हैं और मृदा स्थिरता सुनिश्चित की गई है।

झ. पहाड़ी क्षेत्रों के लिए विशेष प्रावधानों हेतु मानदंड - पहाड़ों पर बसे नगरों और शहरों में स्थानीय प्राधिकरण द्वारा संबंधित राज्य बोर्ड या प्रदूषण नियंत्रण समिति के अनुमोदन से ठोस अपशिष्ट के अंतिम निपटान के लिए विकसित की गई स्थान-विशिष्ट पद्धतियां अपनाई जाएंगी। नगरपालिका प्राधिकरण जैवअवक्रमणीय जैविक अपशिष्ट को उपयोगी बनाने के लिए प्रसंस्करण सुविधाएं स्थापित करेगा। गैर-जैवअवक्रमणीय पुनर्चक्रण योग्य सामग्रियों का भण्डारण किया जाएगा और

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इन्हें पुनर्चक्रण के लिए आवधिक रूप से भेजा जाएगा। अक्रिय और गैर-जैवअवक्रमणीय अपशिष्ट का उपयोग, सड़कें बनाने या पहाड़ों पर उपयुक्त क्षेत्रों की भराई करने के लिए किया जाएगा। पहाडी क्षेत्रों में पर्याप्त भूमि प्राप्त करने में आ रही कठिनाईयों के कारण सड़क पर बिछाने या भराई के लिए उपयुक्त न पाए गए अपशिष्ट का निपटान मैदानी क्षेत्रों में क्षेत्रीय भरण स्थलों में किया जाएगा।

ञ. पुराने मलबा स्थलों को बंद और बहाल करना - ठोस अपशिष्ट के मलबा स्थल जिन्होंने अपनी क्षमता पूरी कर ली है या नए और उपयुक्त रूप से डिजाइन किए गए भरण स्थलों की स्थापना के बाद जिनमें अतिरिक्त अपशिष्ट नहीं डाले जाते हैं, उन्हें बंद कर दिया जाना चाहिए और निम्नलिखित विकल्पों की जांच करने के बाद बहाली की जानी चाहिए :

(i) जैव खनन और अपशिष्ट प्रसंस्करण द्वारा अपशिष्ट को कम करना जिसके बाद नए भरण स्थलों या नीचे (ii) के अनुसार आच्छादन में अवशिष्टों को रखा जाएगा।

(ii) ग्रीन हाऊस गैसों के संग्रहण और चमकाने/उपयोग में समर्थ बनाने के लिए ठोस अपशिष्ट आवरण या जियो मेम्ब्रेन से संवर्धित ठोस अपशिष्ट आवरण से आच्छादित किया जाना।

(iii) ऊपर (ii) के अनुसार अतिरिक्त उपायों (जलोढ़ और अन्य खुरदरी दानेदार मिट्टियों में) जैसे संदूषित भू-जल को निकालने और शोधित करने के लिए कट-ऑफ वॉल और निष्कर्षण कुओं में आच्छादन।

(iv) स्वीकार्य स्तर तक पर्यावरणीय प्रभाव को कम करने के लिए उपयुक्त कोई अन्य पद्धति।

अनुसूची II

[नियम 16(1), (ख), (ड.),16(4) देखें]

ठोस अपशिष्ट के प्रसंस्करण और शोधन के मानक

क. खाद के मानक.- अपशिष्ट प्रसंस्करण सुविधाओं में जैव अवक्रमणीय अपशिष्ट के प्रसंस्करण हेतु प्रौद्योगिकियों में से एक के रूप में कंपोस्टिंग शामिल होगा। कंपोस्ट संयंत्र से होने वाले प्रदूषण को रोकने के उद्देश्य से निम्नलिखित का पालन किया जाएगा अर्थात् :

(क) स्थल पर पहुंचने वाले जैविक अपशिष्ट का आगे के प्रसंस्करण से पूर्व समुचित रखरखाव किया जाएगा। जहां तक संभव हो, अपशिष्ट भण्डारण क्षेत्र ढका हुआ होना चाहिए। यदि ऐसा भण्डारण खुले में किया गया हो तो निक्षालक शोधन और निपटान सुविधा तक पहुंचने वाले पंक्तिबद्ध नालों में निक्षालक और सतही जल बहाव को एकत्रित करने की सुविधा के साथ अपारगम्य आधार उपलब्ध कराया जाना चाहिए;

(ख) गंध, मक्खियों, कृंतकों, पक्षी के खतरे और आग के जोखिम की बाधा को कम करने के लिए आवश्यक सावधानियां बरती जाएंगी;

(ग) संयंत्र के ब्रेकडाउन या रखरखाव के मामले में, अपशिष्ट अंतर्ग्राही को बंद कर दिया जाएगा और अपशिष्ट को अस्थाई प्रसंस्करण स्थल या अस्थायी भूमि भरण स्थलों की दिशा में विपथित करने की व्यवस्था की जाएगी, जिनका संयंत्र के ठीक-ठाक हो जाने पर पुन:प्रसंस्करण किया जाएगा;

(घ) प्रसंस्करण सुविधा से प्रक्रिया पूर्व और प्रक्रिया-पश्च अवशिष्टों को नियमित आधार पर हटा दिया जाएगा और स्थल पर इकट्ठा नहीं होने दिया जाएगा। पुनर्चक्रण योग्य सामग्री, उपयुक्त विक्रेताओं के माध्यम से भेजी जाएगी। गैर-पुनर्चक्रण योग्य उच्च तापजनक अंशों को पृथक किया जाएगा और सीमेंट संयंत्रों में या विद्युत संयंत्रों को आरडीएफ उत्पादन, सह-प्रसंस्करण के लिए भेजा जाएगा। भूमि भरण स्थलों में केवल सभी प्रक्रियाओं के अवशिष्ट भेजे जाएंगे।

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(ड.) अपारगम्य आधार के साथ विंड्रो क्षेत्र उपलब्ध कराया जाएगा। ऐसा आधार बजरी या ठोस चिकनी मिट्टी, 50 सेमी मोटी, जिसका पारगम्यता गुणांक 10^{-7} सेमी/सेकंड से कम हो, का बनाया जाएगा। आधार में 1 से 2 प्रतिशत ढाल होगी और निक्षालक या सतही बहाव का संग्रहण करने के लिए इसकी चारों तरफ नालियों का घेरा होगा।

(च) परिवेशी वायु गुणवत्ता की नियमित रूप से मॉनीटरी की जाएगी। प्रसंस्करण संयंत्र की बाहरी दीवार पर या नीचे की हवा की दिशा में गंध की समस्या की भी नियमित रूप से जांच की जाएगी।

(छ) नमी बनाए रखने के लिए खाद संयंत्र में निक्षालक को पुन:परिचालित किया जाएगा।

(ज) अंतिम उत्पाद खाद, समय-समय पर अधिसूचित उर्वरक नियंत्रण आदेश के अंतर्गत विनिर्दिष्ट मानकों के अनुसार होगा।

(झ) खाद का सुरक्षित अनुप्रयोग सुनिश्चित करने हेतु खाद गुणवत्ता के लिए निम्नलिखित विनिर्देशों को पूरा किया जाएगा, अर्थात् :-

पैरामीटर	**जैविक खाद (एफसीओ 2009)**	**फॉस्फेट संपन्न जैविक खाद (एफसीओ 2013)**
(1)	**(2)**	**(3)**
आर्सेनिक (मिग्रा/किग्रा)	10.00	10.00
कैडमियम (मिग्रा/किग्रा)	5.00	5.00
क्रोमियम (मिग्रा/किग्रा)	50.00	50.00
तांबा (मिग्रा/किग्रा)	300.00	300.00
सीसा (मिग्रा/किग्रा)	100.00	100.00
पारा (मिग्रा/किग्रा)	0.15	0.15
निकल (मिग्रा/किग्रा)	50.00	50.00
जस्ता (मिग्रा/किग्रा)	1000.00	1000.00
सी/एन अनुपात	<20	20:1 से कम
पीएच (pH)	6.5-7.5	(1:5 घोल) अधिकतम 6.7
नमी, भार का प्रतिशत, अधिकतम	15.0-25.0	25.0
थोक घनत्व (ग्राम/सेमी^{3})	<1.0	1.6 से कम
कुल जैविक कार्बन, भार द्वारा प्रतिशत, न्यूनतम	12.0	7.9
कुल नाइट्रोजन (एन के रूप में), भार द्वारा प्रतिशत, न्यूनतम	0.8	0.4

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कुल फॉस्फेट (पी2ओ5 के रूप में) भार द्वारा प्रतिशत, न्यूनतम	0.4	10.4
कुल पोटेशियम ($के_2$ओ के रूप में), भार द्वारा प्रतिशत, न्यूनतम	0.4	-
रंग	गहरे भूरे से काले तक	-
गंध	बदबू की अनुपस्थिति	-
कण आकार	कम से कम 90% सामग्री, 4.0 मिमी आईएस छलनी से होकर गुजरनी चाहिए	कम से कम 90% सामग्री, 4.0 मिमी आईएस छलनी से होकर गुजरनी चाहिए
प्रवाहकत्व (डीएसएम-1 के रूप में), से कम	4.0	8.2

*उपरोक्त कथित संकेन्द्रण सीमाओं से अधिक वाली खाद (अंतिम उत्पाद) का उपयोग खाद्य फसलों के लिए नहीं किया जाएगा। तथापि, इसका उपयोग खाद्य फसलों को उगाने से भिन्न प्रयोजनों के लिए किया जा सकता है।

ख. शोधित निक्षालकों के लिए मानक. - शोधित निक्षालकों के निपटान में निम्नलिखित मानकों का पालन किया जाएगा, अर्थात्:-

क्र.सं.	**मापदंड**	**मानक (निपटान का तरीका)**		
		अंतर्देशीय सतही जल	**सार्वजनिक सीवर**	**भूमि निपटान**
(1)	(2)	(3)	(4)	(5)
1.	निलंबित ठोस, मिग्रा/ली, अधिकतम	100	600	200
2.	विलीन ठोस (अजैविक), मिग्रा/ली, अधिकतम	2100	2100	2100
3.	पीएच (ph) मान	5.5 से 9.0	5.5 से 9.0	5.5 से 9.0
4.	अमोनिकल नाइट्रोजन (एन के रूप में) मिग्रा/ली., अधिकतम	50	50	--
5.	कुल केल्डाल नाइट्रोजन (एन के रूप में) मिग्रा/ली, अधिकतम	100	--	--

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6.	जैव रासायनिक ऑक्सीजन मांग (27^0 से. पर 3 दिन) अधिकतम (मिग्रा/ली)	30	350	100
7.	रासायनिक ऑक्सीजन मांग, मिग्रा/ली, अधिकतम	250	--	--
8.	आर्सेनिक (एएस के रूप में), मिग्रा/ ली, अधिकतम	0.2	0.2	0.2
9.	पारा (एचजी के रूप में), मिग्रा/ली, अधिकतम	0.01	0.01	--
10.	सीसा (पीबी के रूप में), मिग्रा/ली, अधिकतम	0.1	1.0	--
11.	कैडमियम (सीडी के रूप में), मिग्रा/ली, अधिकतम	2.0	1.0	--
12.	कुल क्रोमियम (सीआर के रूप में), मिग्रा/ली, अधिकतम	2.0	2.0	--
13.	तांबा (सीयू के रूप में), मिग्रा/ली, अधिकतम	3.0	3.0	--
14.	जस्ता ((जेडएन के रूप में), मिग्रा/ली, अधिकतम	5.0	15	--
15.	निकल (एनआई के रूप में), मिग्रा/ली, अधिकतम	3.0	3.0	--
16.	साइनाइड (सीएन के रूप में), मिग्रा/ली, अधिकतम	0.2	2.0	0.2
17.	क्लोराइड (सीएल के रूप में), मिग्रा/ली, अधिकतम	1000	1000	600
18.	फ्लोराइड (एफ के रूप में), मिग्रा/ली, अधिकतम	2.0	1.5	--
19.	फेनोलिक यौगिक ($सी_6एच_5$ ओएच के रूप में), मिग्रा/ली, अधिकतम	1.0	5.0	--

नोट : आंतरिक सतही जल-निकायों में शोधित निक्षालकों को बहाते समय, बहाए जाने वाले निक्षालकों की मात्रा और प्राप्त करने वाले जल निकाय में उपलब्ध मिश्रित जल की मात्रा पर उचित रूप से ध्यान दिया जाएगा ।

ग. भस्मीकरण के मानक : ठोस अपशिष्ट शोधन/निपटान सुविधा में भस्मकों/ताप प्रौद्योगिकियों से होने वाले उत्सर्जन में निम्नलिखित मानकों का अनुपालन किया जाएगा, अर्थात् :

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मानदण्ड	उत्सर्जन मानक	
(1)	(2)	(3)
विवित्त-कण	50 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
एचसीएल	50 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
एसओ2	200 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
सीओ	100 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
	50 मिग्रा/एनएम^3	मानक का अर्थ दैनिक औसत मान से है
कुल जैविक कार्बन	20 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
एचएफ	4 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
एनओएक्स (एनओ2 के रूप में व्यक्त एनओ और एनओ2)	400 मिग्रा/एनएम^3	मानक का अर्थ आधे घंटे के औसत मान से है
कुल डाइऑक्सिन और फ्यूरन	0.1 एनजी टीईक्यू/एनएम^3	मानक का अर्थ 6-8 घंटे के नमूने से है। कृपया कुल विषाक्त समतुल्यता प्राप्त करने के लिए विषाक्त समतुल्यता मानों हेतु 17 संबंधित समप्रकारी वस्तु के दिशानिर्देशों का संदर्भ लें।
सीडी+टीएच+उनके यौगिक	0.05 एमजी/एनएम^3	मानक का अर्थ 30 मिनट और 8 घंटे के बीच कहीं भी नमूना लिए गए समय से है।
एचजी और इसके यौगिक	0.05 एमजी/एनएम^3	मानक का अर्थ 30 मिनट और 8 घंटे के बीच कहीं भी नमूना लिए गए समय से है।
एसबी+एएस+पीबी+सीआर+ सीओ+सीयू+एमएन+एनआई+वी+ उनके यौगिक	0.5 एमजी/एनएम^3	मानक का अर्थ 30 मिनट और 8 घंटे के बीच कहीं भी नमूना लिए गए समय से है।
नोट : सभी मानों में शुष्क आधार पर 11% ऑक्सीजन तक शुद्धि की गई है।		

टिप्पणी :

(क) उपरोक्त उत्सर्जन सीमाओं को प्राप्त करने के लिए भस्मीकरण यंत्र के साथ उपयुक्त प्रकार के डिजाइन किए गए प्रदूषण नियंत्रण उपकरण संस्थापित या पुन:संयोजित किए जाएंगे।

(ख) भस्मीकृत किए जाने वाले अपशिष्ट को किसी क्लोरीनयुक्त कीटाणुनाशक के साथ रासायनिक तरीके से शोधित नहीं किया जाएगा।

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(ग) क्लोरीनयुक्त प्लास्टिक के भस्मीकरण को दो वर्षों के अंदर क्रमबद्ध रूप से समाप्त किया जाएगा।

(घ) यदि भस्मीकरण राख में विषाक्त धातुओं की सांद्रता समय-समय पर यथासंशोधित परिसंकटमय अपशिष्ट (प्रबंधन, हथालन और सीमा-पारीय संचलन) नियम, 2008 में यथाविनिर्दिष्ट सीमाओं से अधिक हो तो ऐसे राख को परिसंकटमय अपशिष्ट शोधन, भंडारण और निपटान सुविधा को भेजा जाएगा।

(ड.) भस्मीकरण-यंत्र में ईंधन के रूप में केवल एलडीओ, एलएसएचएस, डीजल, बायोमास, कोयला, एलएनजी, सीएनजी, आरडीएफ और बायोगैस जैसे निम्न सल्फर ईंधन का ही प्रयोग किया जाएगा।

(च) अधोवायु गैस में सीओ2 संकेन्द्रण 7% से अधिक नहीं होगा।

(छ) ट्विन चैम्बर भस्मीकरण-यंत्रों में सभी सुविधाएं इस प्रकार से डिजाइन की जाएंगी कि द्वितीय ज्वलन चैम्बर में 950° से. के न्यूनतम तापमान को प्राप्त करने के लिए और 2 (दो) सेकंड से अधिक के द्वितीय ज्वलन चैम्बर में गैस रह सके।

(ज) भस्मीकरण संयंत्र (दहन चैम्बर) ऐसे तापमान, अवधारण समय और विक्षोभ के साथ परिचालित किए जाएंगे ताकि लावा और तलहटी राखों में कुल जैविक कार्बन (टीओसी) तत्व को 3% से कम किया जा सके या प्रज्वलन पर उनकी क्षति सूखे वजन के 5% से कम हो।

(झ) स्थलों से निकलने वाली गंध का प्रबंधन केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा समय-समय पर जारी मार्गदर्शी सिद्धांतों के साथ किया जाएगा।

प्ररूप -I

[नियम 15 (म), 16(1)(ग), 21(3) देखें]

ठोस अपशिष्ट के प्रसंस्करण/पुनर्चक्रण/शोधन और निपटान के लिए

ठोस अपशिष्ट प्रबंधन नियमों के अंतर्गत प्राधिकार प्राप्त करने के लिए आवेदन

सेवा में,

..... के

सदस्य सचिव

राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति

महोदय,

मैं/हम ठोस अपशिष्ट के प्रसंस्करण, पुनर्चक्रण, शोधन और निपटान के लिए ठोस अपशिष्ट नियम, 2016 के अंतर्गत प्राधिकार के लिए एतददारा आवेदन करता हूँ/करते हैं।

1.	उनके/सुविधा के प्रचालक द्वारा नियुक्त स्थानीय निकाय/अभिकरण का नाम	
2.	पत्राचार का पता दूरभाष सं. फैक्स सं.	

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	ई-मेल	
3.	नोडल अधिकारी और पदनाम (प्रसंस्करण/शोधन या निपटान सुविधा के प्रचालन के लिए उत्तरदायी स्थानीय निकाय या अभिकरण द्वारा प्राधिकृत अधिकारी)	
4.	सुविधा की स्थापना करने और प्रचालन के लिए अपेक्षित प्राधिकार (कृपया निशान लगाएं)	i. अपशिष्ट प्रसंस्करण ii. पुनर्चक्रण iii. शोधन iv. भूमि भरण स्थल पर निपटान
5.	इन दस्तावेजों की प्रतियां संलग्न करें	i. स्थल स्वीकृति (स्थानीय प्राधिकरण) ii. पर्यावरणीय स्वीकृति का प्रमाण iii. स्थापना के लिए अनुमति iv. नगरपालिका प्राधिकरण और प्रचालन अभिकरण के बीच करार v. परियोजना में निवेश और अपेक्षित आय
6.	**ठोस अपशिष्ट का प्रसंस्करण/पुनर्चक्रण/शोधन** i. प्रतिदिन प्रसंस्करित अपशिष्ट की कुल मात्रा क) पुनर्चक्रित किए जाने वाले अपशिष्ट की मात्रा ख) शोधित किए जाने वाले अपशिष्ट की मात्रा ग) भूमिभरण स्थल में निपटाए जाने वाले अपशिष्ट की मात्रा ii. प्रसंस्करित अपशिष्ट के लिए उपयोगिता कार्यक्रम (उत्पाद उपयोग) iii. निपटान के लिए कार्य-पद्धति (ब्यौरा संलग्न करें) क) निक्षालक की मात्रा ख) निक्षालक के लिए शोधन प्रौद्योगिकी iv. पर्यावरणीय प्रदूषण के निवारण और नियंत्रण के लिए किए जाने वाले उपाय v. संयंत्र में कार्यरत कर्मकारों की सुरक्षा के लिए किए जाने वाले उपाय vi. ठोस अपशिष्ट प्रसंस्करण/पुनर्चक्रण/शोधन/	

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	निपटान सुविधा संबंधी ब्यौरा (संलग्न किया जाए)	
7.	**ठोस अपशिष्ट का निपटान** अभिज्ञात स्थलों की संख्या प्रतिदिन निपटाए जाने वाले अपशिष्ट की मात्रा स्थल चयन के लिए अपनाई गई कार्य-पद्धति या मानदण्ड का ब्यौरा (संलग्न करें) प्रचालन के अंतर्गत विद्यमान स्थल का ब्यौरा भूमि भरण की कार्य-पद्धति और प्रचालनात्क ब्यौरा पर्यावरणीय प्रदूषण को रोकने के लिए किए गए उपाय	
8.	कोई अन्य सूचना	

हस्ताक्षर :.....

पदनाम .....

तारीख :

स्थान :

प्ररुप-II

[नियम 16(1)(ड.) देखें]

प्राधिकार जारी करने के लिए प्रपत्र

फाइल सं. : _____

दिनांक : _____

प्राधिकार सं. : _____

सेवा में,

_____

_____

_____

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संदर्भ : आपका आवेदन सं. _____ दिनांक _____

_____ राज्य प्रदूषण नियंत्रण बोर्ड/प्रदूषण नियंत्रण समिति द्वारा प्रस्ताव का परीक्षण करने के पश्चात _____ को जिनका प्रशासनिक कार्यालय _____ में है, पर अपशिष्ट प्रसंस्करण/पुनर्चक्रण/शोधन/ निपटान सुविधा स्थापित और प्रचालित करने के लिए प्राधिकृत किया जाता है।

यह प्राधिकार ठोस अपशिष्ट के प्रसंस्करण, पुनर्चक्रण, शोधन और निपटान के लिए सुविधा के प्रचालन हेतु प्रदान किया जाता है।

यह प्राधिकार नीचे उल्लिखित निबंधन एवं शर्तों और इन नियमों में अन्यथा यथानिर्दिष्ट ऐसी शर्तों और इन नियमों के अंतर्गत अनुसूचियों I और II में विनिर्धारित मानकों के अध्यधीन है।

_____ राज्य प्रदूषण नियंत्रण बोर्ड/संघ राज्य क्षेत्र प्रदूषण नियंत्रण समिति द्वारा किसी भी समय, प्राधिकार के अंतर्गत लागू किसी शर्त को रद्द किया जा सकता है और इसकी लिखित सूचना दी जाएगी।

ठोस अपशिष्ट प्रबंधन नियम, 2016 के उपबंध का उल्लंघन होने पर पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) के दंडात्मक उपबंध लागू होंगे।

दिनांक : (सदस्य सचिव)

स्थान : राज्य प्रदूषण नियंत्रण बोर्ड/संघ राज्य क्षेत्र

प्रदूषण नियंत्रण समिति

(हस्ताक्षर और पदनाम)

प्ररुप-III

[नियम 19(6), 24(1) देखें]

सुविधा के प्रचालक द्वारा स्थानीय निकाय को प्रस्तुत किए जाने के लिए वार्षिक रिपोर्ट का प्रपत्र

1.	शहर/नगर का नाम	
2.	जनसंख्या	
3.	क्षेत्रफल वर्ग किलो मीटर में	
4.	स्थानीय निकाय का नाम और पता दूरभाष सं. फैक्स ई-मेल :	
5.	सुविधा के प्रचालक का नाम और पता	
6.	सुविधा के प्रभारी अधिकारी का नाम दूरभाष सं. फैक्स ई-मेल :	

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7.	शहर/नगर में परिवारों की संख्या शहर में गैर आवासीय परिसरों की संख्या शहर/नगर में चुनाव/प्रशासनिक वार्डों की संख्या	
8.	ठोस अपशिष्ट की मात्रा	
	प्रति दिन स्थानीय निकाय के क्षेत्र में उत्पन्न ठोस अपशिष्ट की अनुमानित मात्रा मीट्रिक टन में	/टीपीडी
	प्रतिदिन संग्रहित ठोस अपशिष्ट की मात्रा	/टीपीडी
	प्रतिदिन संग्रहित प्रति व्यक्ति अपशिष्ट	/ग्रा./दिन
	प्रसंसकृत ठोस अपशिष्ट की मात्रा	/टीपीडी
	भरण स्थल पर निपटान किए गए ठोस अपशिष्ट की मात्रा	/टीपीडी
9.	ठोस अपशिष्ट प्रबंधन सेवा की स्थिति	
	स्रोत पर अपशिष्ट का पृथक्करण और भंडारण	हां/नहीं
	क्या घरेलू/वाणिज्यिक/संस्थागत बिनों में स्रोत पर ठोस अपशिष्ट का भंडारण किया जाता है, यदि हां	%
	घरेलू बिनों में स्रोत पर अपशिष्ट के भंडारण की घरेलू रीति की प्रतिशतता	%
	वाणिज्यिक/संस्थागत बिनों में स्रोत पर अपशिष्ट का गैर आवासीय परिसरों में भंडारण करने की प्रतिशतता	%
	गलियों में घरों के ठोस अपशिष्ट का निपटान करने या फेंकने की प्रतिशतता	%
	गलियों में गैर आवासीय परिसरों के ठोस अपशिष्ट का निपटान करने या फेंकने की प्रतिशतता	%
	क्या ठोस अपशिष्ट को स्रोत पर पृथककृत स्वरूप में भंडारित किया जाता है	हां/नहीं
	यदि हां, तो स्रोत पर अपशिष्ट का पृथककरण करने वाले परिसरों की प्रतिशतता	%
	ठोस अपशिष्ट का घर-घर जाकर संग्रहण	
	क्या शहर/नगर में ठोस अपशिष्ट का घर-घर जाकर संग्रहण किया जाता है	हां/नहीं
	यदि हां, तो अपशिष्ट के घर-घर जाकर संग्रहण किए जाने में शामिल वार्डों की संख्या	
	शामिल किए गए घरों की संख्या	
	शामिल किए गए वाणिज्यिक संस्थापनाओं, होटलों, रेस्तराओं, शैक्षिक संस्थाओं/कार्यालय इत्यादि सहित गैर आवासीय परिसरों की संख्या	
	निम्न के माध्यम से घर-घर जाकर संग्रहण किए जाने में शामिल आवासीय और गैर आवासीय परिसरों की प्रतिशतता : मोटरकृत वाहन कंटेनरकृत तिपहिया साइकिल/हैंड कार्ट अन्य साधन	

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		% % %
	यदि नहीं, तो संग्रहण में अपनाई गई प्राथमिक पद्धति	
	गलियों में झाड़ू लगाया जाना	
	शहर में सड़कों, गलियों, लेनों, बाइलेनों की लम्बाई जिनकी सफाई किए जाने की आवश्यकता है	कि.मी.
	गली में झाड़ू लगाए जाने की बारंबारता और लाभान्वित जनसंख्या की प्रतिशतता	

बारंबारता	रोजाना	एकांतर दिवस पर	सप्ताह में दो बार	कभी-कभी
लाभान्वित जनसंख्या की प्रतिशतता				

	प्रयुक्त साधन	%
	हाथ से झाड़ू लगाया जाना	%
	यांत्रिक रूप से झाड़ू लगाया जाना	
	क्या सफाई कर्मचारियों द्वारा लंबी हैंडल वाले झाड़ू का प्रयोग किया जाता है	हां/नही
	क्या प्रत्येक सफाई कर्मचारी को अपशिष्ट का संग्रहण करने के लिए हैंडकार्ट/तिपहिया साइकिल दी जाती है	हां/नही
	क्या हैंडकार्ट/तिपहिया साइकिल में कंटेनर लगा है	हां/नही
	क्या संग्रहण का साधन प्रयोग किए गए संग्रहण/अपशिष्ट भंडारण के कंटेनरों समकालिक है	हां/नही
	द्वितीयक अपशिष्ट भंडारण सुविधाएं	
	शहर/नगर में अपशिष्ट भंडारण डिपो की संख्या और प्रकार	संख्या क्षमता घन मीटर में
	खुले अपशिष्ट भंडारण स्थल	
	चिनाई किए गए बिन	

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	सीमेंट कंक्रीट सिलिंडर के बिन ढलाव/ढके हुए कक्ष/स्थान ढके हुए धातु/प्लास्टिक के कंटेनर 1.1 घन मीटर तक के बिन 2 से 5 घन मीटर के बिन 5 घन मीटर से बड़े कंटेनर बिन रहित शहर		
	बिन/जनसंख्या अनुपात		
	अपशिष्ट भंडारण डिपो का वार्डवार विवरण (संलग्न करें) : वार्ड सं. : क्षेत्रफल : जनसंख्या : रखे हुए बिनों की संख्या रखे गए बिनों का कुल आयतन		
	अपशिष्ट भंडारण सुविधाओं की कुल भंडारण क्षमता घन मीटर में		
	अपशिष्ट भंडारण डिपो में प्रतिदिन वास्तविक रूप से भंडारित कुल अपशिष्ट		
	डिपो से अपशिष्ट के संग्रहण की बारंबारता बताएं साफ किए गए बिनों की संख्या	बारंबारता	बिनों की संख्या
		प्रतिदिन	
		एकांतर दिवस	
		सप्ताह में दो बार	
		सप्ताह में एक बार	
		कभी-कभी	
	क्या भंडारण डिपो में पृथक्कृत अपशिष्ट को हरे, नीले और काले बिनों में भंडार करके रखने की सुविधा है	हां/नहीं (यदि हां तो विवरण दें) हरे बिनों की संख्या : नीले बिनों की संख्या : काले बिनों की संख्या :	
	भंडारण डिपो से ठोस अपशिष्ट उठाने का कार्य हाथ से किया जाता है		

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	या यांत्रिक तरीके से? प्रतिशत बताएं ठोस अपशिष्ट को हाथ से उठाए जाने की प्रतिशतता यात्रिक तरीके से उठाने की प्रतिशतता	 % %
	यदि यांत्रिक है तो प्रयुक्त पद्धति का स्पष्ट उल्लेख करें	फ्रंट-एंड लोडर/टॉप लोडर
	क्या ठोस अपशिष्ट को घर-घर से उठाया जाता है और पृथककृत स्वरूप में सीधे शोधन संयंत्र तक भेजा जाता है	हां/नहीं (यदि हां तो स्पष्ट उल्लेख करें)
	प्रतिदिन अपशिष्ट का परिवहन प्रयोग किए गए वाहनों का प्रकार और संख्या (कृपया टिक करें या जोड़ें)	अपशिष्ट का परिवहन करने में लगाए गए फेरों की संख्या
	पशु गाड़ी ट्रैक्टर नॉन टीपिंग ट्रक टीपिंग ट्रक डम्पर प्लेसर अवशिष्ट संग्राहक कम्पैक्टर अन्य जेसीबी - लोडर	
	अपशिष्ट के परिवहन की बारंबारता	बारंबारता — परिवहन किए गए अपशिष्ट का प्रतिशत प्रतिदिन एकांतर दिवस पर सप्ताह में दो बार सप्ताह में एक बार कभी-कभी
	प्रत्येक दिन परिवहन किए गए अपशिष्ट की मात्रा	/टीपीडी
	प्रतिदिन परिवहन किए गए कुल अपशिष्ट की प्रतिशतता	%
	प्रयोग की गई अपशिष्ट शोधन प्रौद्योगिकियां	
	क्या ठोस अपशिष्ट का प्रसंस्करण किया जाता है	हां/नहीं

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	यदि हां, तो प्रतिदिन प्रसंस्करण किए गए अपशिष्ट की मात्रा	/टीपीडी
	अपशिष्ट प्रसंस्करण के लिए स्थानीय निकाय के पास उपलब्ध भूमि (हेक्टेयर में)	
	अपशिष्ट प्रसंस्करण के लिए वर्तमान में प्रयुक्त भूमि	
	प्रचालनरत ठोस अपशिष्ट प्रसंस्करण सुविधाएं	
	निर्माणाधीन ठोस अपशिष्ट प्रसंस्करण सुविधाएं	
	शहर/नगर की सीमा से प्रसंस्करण सुविधाओं की दूरी	
	अपनाई गई प्रौद्योगिकियों का विवरण	
	कंपोस्टिंग	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	वर्मी कंपोस्टिंग	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	बायो-मिथेनेशन	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	अवशिष्ट जनित ईंधन	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	अपशिष्ट से ऊर्जा प्रौद्योगिकी जैसे कि भष्मीकरण, गैसीकरण, पाइरोलेसिस या कोई अन्य प्रौद्योगिकी (विवरण दें)	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	सह-प्रसंस्करण	प्रसंस्करण की गई कच्ची सामग्री
	सीमेंट संयंत्र को आपूर्तित दहनशील अपशिष्ट	

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	ठोस अपशिष्ट आधारित विद्युत संयंत्रों को आपूर्तित दहनशील अपशिष्ट	
	अन्य	मात्रा
	ठोस अपशिष्ट निपटान सुविधाएं	
	स्थानीय निकाय के पास उपलब्ध मलबा स्थलों की संख्या	
	स्थानीय निकाय के पास उपलब्ध स्वास्थ्यकर भरण स्थलों की संख्या	
	अपशिष्ट के निपटान हेतु उपलब्ध ऐसे प्रत्येक स्थल का क्षेत्रफल	
	अपशिष्ट के निपटान के लिए वर्तमान में प्रयुक्त भूमि का क्षेत्रफल	
	शहर/नगर से मलबा स्थल/भरण सुविधा की दूरी	कि.मी.
	निकटतम वसावट से दूरी	कि.मी.
	जल निकाय से दूरी	कि.मी.
	राज्य/राष्ट्रीय राजमार्ग से दूरी	कि.मी.
	विमानपत्तन से दूरी	कि.मी.
	महत्वपूर्ण धार्मिक स्थलों या ऐतिहासिक स्मारक से दूरी	कि.मी.
	क्या यह बाढ़ संभावित क्षेत्र में पड़ता है	हां/नहीं
	क्या यह भूकंप संभावित क्षेत्र में पड़ता है	हां/नहीं
	प्रत्येक दिन भरण में डाले गए अपशिष्ट की मात्रा	टीपीडी
	क्या भरण स्थल को घेरा गया है	हां/नहीं
	क्या स्थल पर रोशनी की सुविधा उपलब्ध है	हां/नहीं
	क्या धर्मकांटा सुविधा उपलब्ध है	हां/नहीं
	भरण स्थल पर प्रयुक्त वाहन और उपकरण (स्पष्ट करें)	उपलब्ध बुलडोजर, कम्पैक्टर इत्यादि
	भरण स्थल पर नियोजित जनशक्ति	हां/नहीं (यदि हां तो विवरण संलग्न करें)
	क्या ढ़कने का काम दैनिक आधार पर किया जाता है	हां/नहीं
	यदि नहीं, तो भरण स्थल पर जमा अपशिष्ट को ढ़कने की बारंबारता	
	ढ़कने के लिए प्रयुक्त सामग्री	
	क्या ढ़कने की पर्याप्त सामग्री उपलब्ध है	हां/नहीं
	क्या गैस निकलने की व्यवस्था की गई है	हां/नहीं (यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
	निक्षालन संग्रहण का प्रावधान	हां/नहीं (यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
10.	क्या शहर में ठोस अपशिष्ट प्रबंधन पद्धतियों में सुधार लाने के लिए	हां/नहीं

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	कार्ययोजना बनाई गई है	(यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
11.	निम्न के लिए कौन से पृथक प्रावधान किए गए हैं : डेयरी से संबंधित कार्यकलाप : बूचड़खाने के अपशिष्ट : निर्माण एवं विध्वंस अपशिष्ट (निर्माण मलबा) :	प्रस्तावों, उठाए गए कदमों के संबंध में विवरण संलग्न करें हां/नहीं हां/नहीं हां/नहीं
12.	पश्च संवृत्ति योजना का विवरण	योजना संलग्न करें
13.	कितनी मलिन बस्तियों का निर्धारण किया गया है और क्या इनमें ठोस अपशिष्ट प्रबंधन सुविधाएं उपलब्ध कराई गई हैं :	हां/नहीं (यदि हां, तो विवरण संलग्न करें)
14.	गली में झाड़ू लगाने, अपशिष्ट के द्वितीयक भंडारण, परिवहन, प्रसंस्करण और निपटान सहित संग्रहण के लिए ठेकेदार/रियायतग्राही की नियोजित जनशक्ति का विवरण दें	
15.	इन नियमों के प्रावधानों का अनुपालन करने में स्थानीय निकाय द्वारा महसूस की जा रही कठिनाइयों का संक्षेप में उल्लेख करें	
16.	ठोस अपशिष्ट से संबंधित समस्या से निपटने के लिए किसी अभिनव विचार का संक्षेप में उल्लेख करें जिसे अन्य स्थानीय निकायों द्वारा अपनाया जा सके	

प्रचालक के हस्ताक्षर

तारीख :

स्थान :

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प्ररुप-IV

[नियम 15 (यक), 24(2) देखें]

स्थानीय निकाय द्वारा प्रस्तुत किए जाने के लिए ठोस अपशिष्ट प्रबंधन संबंधी

वार्षिक रिपोर्ट का प्रारूप

कैलेंडर वर्ष	**रिपोर्ट प्रस्तुत करने की तारीख**

1.	शहर/नगर का नाम	
2.	जनसंख्या	
3.	क्षेत्रफल वर्ग किलो मीटर में	
4.	स्थानीय निकाय का नाम और पता दूरभाष सं. फैक्स ई-मेल :	
5.	ठोस अपशिष्ट प्रबंधन (वेस्टेम) से संबंधित प्रभारी अधिकारी का नाम दूरभाष सं. फैक्स ई-मेल :	
6.	शहर/नगर में परिवारों की संख्या शहर में गैर आवासीय परिसरों की संख्या शहर/नगर में चुनाव/प्रशासनिक वार्डों की संख्या	
7.	ठोस अपशिष्ट की मात्रा	
	प्रति दिन स्थानीय निकाय के क्षेत्र में उत्पन्न ठोस अपशिष्ट की अनुमानित मात्रा मीट्रिक टन में	/टीपीडी
	प्रतिदिन संग्रहित ठोस अपशिष्ट की मात्रा	/टीपीडी
	प्रतिदिन संग्रहित प्रति व्यक्ति अपशिष्ट	/ग्रा./दिन
	प्रसंसकृत ठोस अपशिष्ट की मात्रा	/टीपीडी
	मलबा स्थल/भरण स्थल पर निपटान किए गए ठोस अपशिष्ट की मात्रा	/टीपीडी
8.	ठोस अपशिष्ट प्रबंधन सेवा की स्थिति	
	स्रोत पर अपशिष्ट का पृथक्करण और भंडारण	
	क्या घरेलू/वाणिज्यिक/संस्थागत बिनों में स्रोत पर ठोस अपशिष्ट का भंडारण किया जाता है, यदि हां	हां/नहीं

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	घरेलू बिनों में स्रोत पर अपशिष्ट के भंडारण की घरेलू रीति की प्रतिशतता	%
	वाणिज्यिक/संस्थागत बिनों में स्रोत पर अपशिष्ट का गैर आवासीय परिसरों में भंडारण करने की प्रतिशतता	%
	गलियों में घरों के ठोस अपशिष्ट का निपटान करने या फेंकने की प्रतिशतता	%
	गलियों में गैर आवासीय परिसरों के ठोस अपशिष्ट का निपटान करने या फेंकने की प्रतिशतता	%
	ठोस अपशिष्ट का घर-घर जाकर संग्रहण	
	क्या शहर/नगर में ठोस अपशिष्ट का घर-घर जाकर संग्रहण किया जाता है	हां/नहीं
	यदि हां, तो अपशिष्ट के घर-घर जाकर संग्रहण किए जाने में शामिल वार्डों की संख्या	
	शामिल किए गए घरों की संख्या	
	शामिल किए गए वाणिज्यिक संस्थापनाओं, होटलों, रेस्तराओं, शैक्षिक संस्थाओं/कार्यालय इत्यादि सहित गैर आवासीय परिसरों की संख्या	
	निम्न के माध्यम से घर-घर जाकर संग्रहण किए जाने में शामिल आवासीय और गैर आवासीय परिसरों की प्रतिशतता : मोटरकृत वाहन कंटेनरकृत तिपहिया साइकिल/हैंड कार्ट अन्य साधन	 % % %
	यदि नहीं, तो संग्रहण में अपनाई गई प्राथमिक पद्धति	
	गलियों में झाड़ू लगाया जाना	
	शहर में सड़कों, गलियों, लेनों, बाइलेनों की लम्बाई जिनकी सफाई किए जाने की आवश्यकता है	कि.मी.
	गली में झाड़ू लगाए जाने की बारंबारता और लाभान्वित जनसंख्या की प्रतिशतता	

बारंबारता	रोजाना	एकांतर दिवस पर	सप्ताह में दो बार	कभी-कभी
लाभान्वित जनसंख्या की प्रतिशतता				

	प्रयुक्त साधन हाथ से झाड़ू लगाया जाना यांत्रिक रूप से झाड़ू लगाया जाना	 % %

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	क्या सफाई कर्मचारियों द्वारा लंबी हैंडल वाले झाड़ू का प्रयोग किया जाता है	हां/नही
	क्या प्रत्येक सफाई कर्मचारी को अपशिष्ट का संग्रहण करने के लिए हैंडकार्ट/तिपहिया साइकिल दी जाती है	हां/नही
	क्या हैंडकार्ट/तिपहिया साइकिल में कंटेनर लगा है	हां/नही
	क्या संग्रहण का साधन प्रयोग किए गए संग्रहण/अपशिष्ट भंडारण के कंटेनरों समकालिक है	हां/नही
	द्वितीयक अपशिष्ट भंडारण सुविधाएं	
	शहर/नगर में अपशिष्ट भंडारण डिपो की संख्या और प्रकार खुले अपशिष्ट भंडारण स्थल चिनाई किए गए बिन सीमेंट कंक्रीट सिलिंडर के बिन ढलाव/ढ़के हुए कक्ष/स्थान ढ़के हुए धातु/प्लास्टिक के कंटेनर 1.1 घन मीटर तक के बिन 2 से 5 घन मीटर के बिन 5 घन मीटर से बड़े कंटेनर बिन रहित शहर	संख्या क्षमता घन मीटर में
	बिन/जनसंख्या अनुपात	
	अपशिष्ट भंडारण डिपो का वार्डवार विवरण (संलग्न करें) : वार्ड सं. : क्षेत्रफल : जनसंख्या : रखे हुए बिनों की संख्या रखे गए बिनों का कुल आयतन	
	अपशिष्ट भंडारण सुविधाओं की कुल भंडारण क्षमता घन मीटर में	
	अपशिष्ट भंडारण डिपो में प्रतिदिन वास्तविक रूप से भंडारित कुल अपशिष्ट	

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	डिपो से अपशिष्ट के संग्रहण की बारंबारता बताएं साफ किए गए बिनों की संख्या	बारंबारता	बिनों की संख्या
		प्रतिदिन	
		एकांतर दिवस	
		सप्ताह में दो बार	
		सप्ताह में एक बार	
		कभी-कभी	
	क्या भंडारण डिपो में पृथककृत अपशिष्ट को हरे, नीले और काले बिनों में भंडार करके रखने की सुविधा है	हां/नहीं (यदि हां तो विवरण दें) हरे बिनों की संख्या : नीले बिनों की संख्या : काले बिनों की संख्या :	
	भंडारण डिपो से ठोस अपशिष्ट उठाने का कार्य हाथ से किया जाता है या यांत्रिक तरीके से? प्रतिशत बताएं ठोस अपशिष्ट को हाथ से उठाए जाने की प्रतिशतता यात्रिक तरीके से उठाने की प्रतिशतता	% %	
	यदि यांत्रिक है तो प्रयुक्त पद्धति का स्पष्ट उल्लेख करें	फ्रंट-एंड लोडर/टॉप लोडर	
	क्या ठोस अपशिष्ट को घर-घर से उठाया जाता है और पृथककृत स्वरूप में सीधे शोधन संयंत्र तक भेजा जाता है	हां/नहीं (यदि हां तो स्पष्ट उल्लेख करें)	
	प्रतिदिन अपशिष्ट का परिवहन प्रयोग किए गए वाहनों का प्रकार और संख्या	अपशिष्ट का परिवहन करने में लगाए गए फेरों की संख्या	

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	पशु गाड़ी ट्रैक्टर नॉन टीपिंग ट्रक टीपिंग ट्रक डम्पर प्लेसर अवशिष्ट संग्राहक कम्पैक्टर अन्य जेसीबी - लोडर	
	अपशिष्ट के परिवहन की बारंबारता	बारंबारता — परिवहन किए गए अपशिष्ट का प्रतिशत प्रतिदिन एकांतर दिवस पर सप्ताह में दो बार सप्ताह में एक बार कभी-कभी
	प्रत्येक दिन परिवहन किए गए अपशिष्ट की मात्रा	/टीपीडी
	प्रतिदिन परिवहन किए गए कुल अपशिष्ट की प्रतिशतता	%
	प्रयोग की गई अपशिष्ट शोधन प्रौद्योगिकियां	
	क्या ठोस अपशिष्ट का प्रसंस्करण किया गया है	हां/नहीं
	यदि हां, तो प्रतिदिन प्रसंस्करण किए गए अपशिष्ट की मात्रा	/टीपीडी
	क्या शोधन का कार्य स्थानीय निकाय या किसी अभिकरण के माध्यम से किया जाता है	
	अपशिष्ट प्रसंस्करण के लिए स्थानीय निकाय के पास उपलब्ध भूमि (हेक्टेयर में)	
	अपशिष्ट प्रसंस्करण के लिए वर्तमान में प्रयुक्त भूमि	
	प्रचालनरत ठोस अपशिष्ट प्रसंस्करण सुविधाएं	
	निर्माणाधीन ठोस अपशिष्ट प्रसंस्करण सुविधाएं	
	शहर/नगर की सीमा से प्रसंस्करण सुविधाओं की दूरी	

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	अपनाई गई प्रौद्योगिकियों का विवरण	
	कंपोस्टिंग	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	वर्मी कंपोस्टिंग	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	बायो-मिथेनेशन	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	अवशिष्ट जनित ईंधन	प्रसंस्करण की गई कच्ची सामग्री की मात्रा उत्पन्न किए गए अंतिम उत्पाद की मात्रा बेची गई मात्रा भरण स्थल में डाले गए शेष अपशिष्ट की मात्रा
	सह-प्रसंस्करण	प्रसंस्करण की गई कच्ची सामग्री
	सीमेंट संयंत्र को आपूर्तित दहनशील अपशिष्ट	
	ठोस अपशिष्ट आधारित विद्युत संयंत्रों को आपूर्तित दहनशील अपशिष्ट	
	अन्य	मात्रा
	ठोस अपशिष्ट निपटान सुविधाएं	
	स्थानीय निकाय के पास उपलब्ध मलबा स्थलों की संख्या	
	स्थानीय निकाय के पास उपलब्ध स्वास्थ्यकर भरण स्थलों की संख्या	

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	अपशिष्ट के निपटान हेतु उपलब्ध ऐसे प्रत्येक स्थल का क्षेत्रफल	
	अपशिष्ट के निपटान के लिए वर्तमान में प्रयुक्त भूमि का क्षेत्रफल	
	शहर/नगर से मलबा स्थल/भरण सुविधा की दूरी	कि.मी.
	निकटतम वसावट से दूरी	कि.मी.
	जल निकाय से दूरी	कि.मी.
	राज्य/राष्ट्रीय राजमार्ग से दूरी	कि.मी.
	विमानपत्तन से दूरी	कि.मी.
	महत्वपूर्ण धार्मिक स्थलों या ऐतिहासिक स्मारक से दूरी	कि.मी.
	क्या यह बाढ़ संभावित क्षेत्र में पड़ता है	हां/नहीं
	क्या यह भूकंप संभावित क्षेत्र में पड़ता है	हां/नहीं
	प्रत्येक दिन भरण में डाले गए अपशिष्ट की मात्रा	टीपीडी
	क्या भरण स्थल को घेरा गया है	हां/नहीं
	क्या स्थल पर रोशनी की सुविधा उपलब्ध है	हां/नहीं
	क्या धर्मकांटा सुविधा उपलब्ध है	हां/नहीं
	भरण स्थल पर प्रयुक्त वाहन और उपकरण (स्पष्ट करें)	उपलब्ध बुलडोजर, कम्पैक्टर इत्यादि
	भरण स्थल पर नियोजित जनशक्ति	हां/नहीं (यदि हां तो विवरण संलग्न करें)
	क्या ढ़कने का काम दैनिक आधार पर किया जाता है	हां/नहीं
	यदि नहीं, तो भरण स्थल पर जमा अपशिष्ट को ढ़कने की बारंबारता	
	ढ़कने के लिए प्रयुक्त सामग्री	
	क्या ढ़कने की पर्याप्त सामग्री उपलब्ध है	हां/नहीं
	क्या गैस निकलने की व्यवस्था की गई है	हां/नहीं (यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
	निक्षालन संग्रहण का प्रावधान	हां/नहीं (यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
9.	क्या शहर में ठोस अपशिष्ट प्रबंधन पद्धतियों में सुधार लाने के लिए कार्ययोजना बनाई गई है	हां/नहीं (यदि हां, तो तकनीकी डाटा शीट संलग्न करें)
10.	निम्न के लिए कौन से पृथक प्रावधान किए गए हैं : डेयरी से संबंधित कार्यकलाप : बूचड़खाने के अपशिष्ट : निर्माण एवं विध्वंस अपशिष्ट (निर्माण मलबा) :	प्रस्तावों, उठाए गए कदमों के संबंध में विवरण संलग्न करें हां/नहीं

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		हां/नहीं हां/नहीं
11.	पश्च संवृत्ति योजना का विवरण	योजना संलग्न करें
12.	कितनी मलिन बस्तियों का निर्धारण किया गया है और क्या इनमें ठोस अपशिष्ट प्रबंधन सुविधाएं उपलब्ध कराई गई हैं :	हां/नहीं (यदि हां, तो विवरण संलग्न करें)
13.	कृपया विवरण दें : गली में झाड़ू लगाने, अपशिष्ट के द्वितीयक भंडारण, परिवहन, प्रसंस्करण और निपटान सहित संग्रहण के लिए स्थानीय निकाय की स्वयं की जनशक्ति	
14.	कृपया विवरण दें : गली में झाड़ू लगाने, अपशिष्ट के द्वितीयक भंडारण, परिवहन, प्रसंस्करण और निपटान सहित संग्रहण के लिए ठेकेदार/रियायतग्राही की नियोजित जनशक्ति	
15.	इन नियमों के प्रावधानों का अनुपालन करने में स्थानीय निकाय द्वारा महसूस की जा रही कठिनाइयों का संक्षेप में उल्लेख करें	
16.	ठोस अपशिष्ट से संबंधित समस्या से निपटने के लिए किसी अभिनव विचार का संक्षेप में उल्लेख करें जिसे अन्य स्थानीय निकायों द्वारा अपनाया जा सके	

मुख्य कार्यकारी अधिकारी/

नगरपालिका आयुक्त/कार्यकारी अधिकारी/

मुख्य अधिकारी के हस्ताक्षर

तारीख :

स्थान :

प्ररुप-V

[नियम 24(3) देखें]

राज्य प्रदूषण नियंत्रण बोर्ड या प्रदूषण नियंत्रण समितियों द्वारा केन्द्रीय प्रदूषण नियंत्रण बोर्ड को प्रस्तुत की जाने वाली वार्षिक रिपोर्ट का प्रपत्र

भाग क

सेवा में,

अध्यक्ष,

केन्द्रीय प्रदूषण नियंत्रण बोर्ड,
परिवेश भवन, पूर्वी अर्जुन नगर,

दिल्ली-110032

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1.	राज्य/संघ राज्य क्षेत्र का नाम	:	
2.	राज्य प्रदूषण नियंत्रण बोर्ड का नाम और पता	:	
3.	इन नियमों के अंतर्गत राज्य/संघ राज्य क्षेत्र में ठोस अपशिष्टों के प्रबंधन के लिए उत्तरदायी स्थानीय निकायों की संख्या	:	
4.	प्राप्त हुए प्राधिकार आवेदनों की संख्या	:	
5.	ठोस अपशिष्ट प्रबंधन के संबंध में स्थानीय निकाय द्वारा की गई प्रगति के संबंध में सारांश विवरण	:	कृपया अनुबंध- I के रूप में संलग्न करें
6.	अपशिष्ट संग्रहण, पृथक्करण, परिवहन और निपटान के संबंध में स्थानीय निकायों द्वारा की गई प्रगति के संबंध में सारांश विवरण	:	कृपया अनुबंध- II के रूप में संलग्न करें
7.	अनुसूची II के कार्यान्वयन के संबंध में स्थानीय निकायों द्वारा की गई प्रगति के संबंध में सारांश विवरण	:	कृपया अनुबंध- III के रूप में संलग्न करें

तारीख :	अध्यक्ष या सदस्य सचिव
स्थान :	राज्य प्रदूषण नियंत्रण बोर्ड/
	प्रदूषण नियंत्रण समिति

भाग ख

नगर/शहर

नगरों/शहरों की कुल संख्या

शहरी स्थानीय निकायों की कुल संख्या

श्रेणी-I तथा श्रेणी-II नगरों/शहरों की संख्या

प्राधिकार की स्थिति (नाम/संख्या)

प्राप्त हुए आवेदनों की संख्या

प्रदान किए गए प्राधिकारों की संख्या

जांच के अधीन प्राधिकार

ठोस अपशिष्ट उत्पादन की स्थिति

राज्य में ठोस अपशिष्ट उत्पादन (टीपीडी)

संग्रहित

शोधित

खत्ते में डाले गए

ठोस अपशिष्ट नियम की अनुसूची I का अनुपालन (नगरों की संख्या/नाम/क्षमता)

शहरों/नगरों में अच्छी रीतियां

घर-घर से संग्रहण

पृथक्करण

भंडारण

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आवृत्त परिवहन

ठोस अपशिष्ट का प्रसंस्करण (नगरों की संख्या/नाम/क्षमता)

ठोस अपशिष्ट प्रसंस्करण सुविधाओं की स्थापना :

क्रम सं.	कम्पोस्टिंग	वर्मी-कम्पोस्टिंग	बायो गैस	आरडीएफ/गुटिकाकरण

प्रचालनरत प्रसंस्करण सुविधा

क्रम सं.	कम्पोस्टिंग	वर्मी -कम्पोस्टिंग	बायो गैस	आरडीएफ/गुटिकाकरण

संस्थापनाधीन/योजनाकृत प्रसंस्करण सुविधा

क्रम सं.	कम्पोस्टिंग	वर्मी-कम्पोस्टिंग	बायो गैस	आरडीएफ/गुटिकाकरण

अपशिष्ट से ऊर्जा संयंत्र : (नगरों की संख्या/नाम/क्षमता)

क्रम सं.	संयंत्र का स्थान	प्रचालन की स्थिति	विद्युत उत्पादन (मेगा वाट)	अभ्युक्ति

ठोस अपशिष्ट का निपटान (नगरों की संख्या/नाम/क्षमता)

अभिनिर्धारित भरण स्थल

निर्मित भरण स्थल

निर्माणाधीन भरण स्थल

प्रचालनरत भरण स्थल

निश्शेषित भरण स्थल

आच्छादित भरण स्थल

ठोस अपशिष्ट मलबा स्थल (नगरों की संख्या/नाम/क्षमता)

विद्यमान मलबा स्थलों की कुल संख्या

पुनर्निर्मित/आच्छादित भरण स्थल

स्वास्थ्यकर भरण स्थल में परिवर्तित मलबा स्थल

अपशिष्ट प्रसंस्करण/भरण स्थलों पर निगरानी

क्रम सं.	सुविधाओं का नाम	परिवेशी वायु	भू जल	निक्षालन की गुणवत्ता	कंपोस्ट की गुणवत्ता	वीओसी
1.						
2.						
3.						

नगरपालिकाओं द्वारा तैयार की गई कार्य योजनाओं की स्थिति

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नगरपालिकाओं की कुल संख्या:

प्रस्तुत की गई कार्य योजना की संख्या:

प्ररुप-VI

[नियम 25 देखें]

दुर्घटना का प्रतिवेदन

1.	दुर्घटना की तारीख और समय	:	
2.	दुर्घटना के लिए कारकों का अनुक्रम	:	
3.	दुर्घटना में शामिल अपशिष्ट	:	
4.	मानव स्वास्थ्य और पर्यावरण पर दुर्घटनाओं के प्रभावों का मूल्यांकन	:	
5.	किए गए आपातकालीन उपाय	:	
6.	दुर्घटनाओं के प्रभावों को कम करने के लिए उठाए गए कदम	:	
7.	ऐसी किसी दुर्घटना की पुनरावृत्ति को रोकने के लिए उठाए गए कदम	:	
तारीख		हस्ताक्षर	
स्थान		पदनाम	

[फा. सं.18-3/2004-एचएसएमडी]

विश्वनाथ सिन्हा, संयुक्त सचिव

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 8th April, 2016

S.O. 1357(E).—Whereas the draft of the Solid Waste Management Rules, 2015 were published under the notification of the Government of India in the Ministry of Environment, Forest and Climate Change number G.S.R. 451 (E), dated the 3rd June, 2015 in the Gazette of India, part II, Section3, sub- section (i) of the same date inviting objections or suggestions from the persons likely to be affected thereby, before the expiry of the period of sixty days from the publication of the said notification on the Solid Waste Management Rules, 2015 in supersession of the Municipal Solid Waste (Management and Handling) Rules, 2000;

And whereas, copies of the said Gazette were made available to the public on the 3rd June, 2015;

And whereas, the objections or comments received within the stipulated period were duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sections 3, 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and in supersession of the Municipal Solid Waste (Management and Handling) Rules, 2000, except as respect things done or omitted to be done before such supersession, the Central Government hereby makes the following rules for management of Solid Waste, namely:-

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1. **Short title and commencement.-**

(1) These rules may be called the Solid Waste Management Rules, 2016.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. **Application.-** These rules shall apply to every urban local body, outgrowths in urban agglomerations, census towns as declared by the Registrar General and Census Commissioner of India, notified areas, notified industrial townships, areas under the control of Indian Railways, airports, airbases, Ports and harbours, defence establishments, special economic zones, State and Central government organisations, places of pilgrims, religious and historical importance as may be notified by respective State government from time to time and to every domestic, institutional, commercial and any other non residential solid waste generator situated in the areas except industrial waste, hazardous waste, hazardous chemicals, bio medical wastes, e-waste, lead acid batteries and radio-active waste, that are covered under separate rules framed under the Environment (Protection) Act, 1986**.**

3. **Definitions –**(1) In these rules, unless the context otherwise requires,- (1) **"aerobic composting"** means a controlled process involving microbial decomposition of organic matter in the presence of oxygen;

2. **"anaerobic digestion"** means a controlled process involving microbial decomposition of organic matter in absence of oxygen;

3. **"authorisation"** means the permission given by the State Pollution Control Board or Pollution Control Committee, as the case may be, to the operator of a facility or urban local suthority, or any other agency responsible for processing and disposal of solid waste;

4. **"biodegradable waste "** means any organic material that can be degraded by micro-organisms into simpler stable compounds;

5. **"bio-methanation"** means a process which entails enzymatic decomposition of the organic matter by microbial action to produce methane rich biogas;

6. **"brand owner"** means a person or company who sells any commodity under a registered brand label.

7. "**buffer zone**" means zone of no development to be maintained around solid waste processing and disposal facility, exceeding 5 TPD of installed capacity. This will be maintained within total and area allotted for the solid waste processing and disposal facility.

8. **"bulk waste generator"** means and includes buildings occupied by the Central government departments or undertakings, State government departments or undertakings, local bodies, public sector undertakings or private companies, hospitals, nursing homes, schools, colleges, universities, other educational institutions, hostels, hotels, commercial establishments, markets, places of worship, stadia and sports complexes having an average waste generation rate exceeding 100kg per day**;**

9. **"bye-laws"** means regulatory framework notified by local body, census town and notified area townships for facilitating the implementation of these rules effectively in their jurisdiction**.**

10. **"census town"** means an urban area as defined by the Registrar General and Census Commissioner of India;

11. **"combustible waste"** means non-biodegradable, non-recyclable, non-reusable, non hazardous solid waste having minimum calorific value exceeding 1500 kcal/kg and excluding chlorinated materials like plastic, wood pulp, etc**;**

12. "**composting"** means a controlled process involving microbial decomposition of organic matter;

13. "**contractor**" means a person or firm that undertakes a contract to provide materials or labour to perform a service or do a job for service providing authority;

14. **"co-processing"** means use of non-biodegradable and non recyclable solid waste having calorific value exceeding 1500k/cal as raw material or as a source of energy or both to replace or supplement the natural mineral resources and fossil fuels in industrial processes;

15. **"decentralised processing"** means establishment of dispersed facilities for maximizing the processing of bio-degradable waste and recovery of recyclables closest to the source of generation so as to minimize transportation of waste for processing or disposal;

16. "**disposal"** means the final and safe disposal of post processed residual solid waste and inert street sweepings and silt from surface drains on land as specified in Schedule I to prevent contamination of ground water, surface water, ambient air and attraction of animals or birds;

17. **"domestic hazardous waste"** means discarded paint drums, pesticide cans, CFL bulbs, tube lights, expired medicines, broken mercury thermometers, used batteries, used needles and syringes and contaminated waste, etc., generated at the household level;

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18. **"door to door collection" m**eans collection of solid waste from the door step of households, shops, commercial establishments , offices , institutional or any other non residential premises and includes collection of such waste from entry gate or a designated location on the ground floor in a housing society , multi storied building or apartments , large residential, commercial or institutional complex or premises;**.**

19. **"dry waste"** means waste other than bio-degradable waste and inert street sweepings and includes recyclable and non recyclable waste, combustible waste and sanitary napkin and diapers, etc;

20. **"dump sites"** means a land utilised by local body for disposal of solid waste without following the principles of sanitary land filling;

21. **"extended producer responsibility" (EPR)** means responsibility of any producer of packaging products such as plastic, tin, glass and corrugated boxes, etc., for environmentally sound management, till end-of-life of the packaging products;

22. **"facility"** means any establishment wherein the solid waste management processes namely segregation, recovery, storage, collection, recycling, processing, treatment or safe disposal are carried out;

23. **"fine" means** penalty imposed on waste generators or operators of waste processing and disposal facilities under the bye-laws for non-compliance of the directions contained in these rules and/or bye- laws

24. **"Form"** means a F8orm appended to these rules;

25. **"handling"** includes all activities relating to sorting, segregation, material recovery, collection, secondary storage, shredding, baling, crushing, loading, unloading, transportation, processing and disposal of solid wastes;

26. **"inerts"** means wastes which are not bio-degradable, recyclable or combustible street sweeping or dust and silt removed from the surface drains;

27. **"incineration"** means an engineered process involving burning or combustion of solid waste to thermally degrade waste materials at high temperatures;

28. **"informal waste collector"** includes individuals, associations or waste traders who are involved in sorting, sale and purchase of recyclable materials;

29. "**leachate"** means the liquid that seeps through solid waste or other medium and has extracts of dissolved or suspended material from it;

30. **" local body"** for the purpose of these rules means and includes the municipal corporation, nagar nigam, municipal council, nagarpalika, nagar Palikaparishad, municipal board, nagar panchayat and town panchayat, census towns, notified areas and notified industrial townships with whatever name they are called in different States and union territories in India;

31. "**materials recovery facility" (MRF)** means a facility where non-compostable solid waste can be temporarily stored by the local body or any other entity mentioned in rule 2 or any person or agency authorised by any of them to facilitate segregation, sorting and recovery of recyclables from various components of waste by authorised informal sector of waste pickers, informal recyclers or any other work force engaged by the local body or entity mentioned in rule 2for the purpose before the waste is delivered or taken up for its processing or disposal;

32. **"non-biodegradable waste"** means any waste that cannot be degraded by micro organisms into simpler stable compounds;

33. **"operator of a facility"** means a person or entity, who owns or operates a facility for handling solid waste which includes the local body and any other entity or agency appointed by the local body;

34. **primary collection"** means collecting, lifting and removal of segregated solid waste from source of its generation including households, shops, offices and any other non-residential premises or from any collection points or any other location specified by the local body;

35. "**processing"** means any scientific process by which segregated solid waste is handled for the purpose of reuse, recycling or transformation into new products**;**

36. **"recycling**" means the process of transforming segregated non-biodegradable solid waste into new material or product or as raw material for producing new products which may or may not be similar to the original products;

37. **"redevelopment"** means rebuilding of old residential or commercial buildings at the same site, where the existing buildings and other infrastructures have become dilapidated;

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38. **"refused derived fuel**"(RDF) means fuel derived from combustible waste fraction of solid waste like plastic, wood, pulp or organic waste, other than chlorinated materials, in the form of pellets or fluff produced by drying, shredding, dehydrating and compacting of solid waste ;

39. "**residual solid waste"** means and includes the waste and rejects from the solid waste processing facilities which are not suitable for recycling or further processing;

40. **"sanitary land filling "** means the final and safe disposal of residual solid waste and inert wastes on land in a facility designed with protective measures against pollution of ground water, surface water and fugitive air dust, wind-blown litter, bad odour, fire hazard, animal menace, bird menace, pests or rodents, greenhouse gas emissions, persistent organic pollutants slope instability and erosion;

41. **"sanitary waste"** means wastes comprising of used diapers, sanitary towels or napkins, tampons, condoms, incontinence sheets and any other similar waste;

42. **"Schedule"** means the Schedule appended to these rules;

43. "**secondary storage**" means the temporary containment of solid waste after collection at secondary waste storage depots or MRFs or bins for onward transportation of the waste to the processing or disposal facility;

44. **"segregation"** means sorting and separate storage of various components of solid waste namely biodegradable wastes including agriculture and dairy waste, non biodegradable wastes including recyclable waste, non-recyclable combustible waste, sanitary waste and non recyclable inert waste, domestic hazardous wastes, and construction and demolition wastes;

45. **"service provider"** means an authority providing public utility services like water, sewerage, electricity, telephone, roads, drainage, etc;

46. **"solid waste"** means and includes solid or semi-solid domestic waste, sanitary waste, commercial waste, institutional waste, catering and market waste and other non residential wastes, street sweepings, silt removed or collected from the surface drains, horticulture waste, agriculture and dairy waste, treated bio-medical waste excluding industrial waste, bio-medical waste and e-waste, battery waste, radio-active waste generated in the area under the local authorities and other entities mentioned in rule 2;

47. **"sorting"** means separating various components and categories of recyclables such as paper, plastic, card-boards, metal, glass, etc., from mixed waste as may be appropriate to facilitate recycling;

48. **"stabilising"** means the biological decomposition of biodegradable wastes to a stable state where it generates no leachate or offensive odours and is fit for application to farm land ,soil erosion control and soil remediation;

49. **"street vendor"** means any person engaged in vending of articles, goods, wares, food items or merchandise of everyday use or offering services to the general public, in a street, lane, side walk, footpath, pavement, public park or any other public place or private area, from a temporary built up structure or by moving from place to place and includes hawker, peddler, squatter and all other synonymous terms which may be local or region specific; and the words "street vending" with their grammatical variations and cognate expressions, shall be construed accordingly;

50. **"tipping fee"** means a fee or support price determined by the local authorities or any state agency authorised by the State government to be paid to the concessionaire or operator of waste processing facility or for disposal of residual solid waste at the landfill;

51. **"transfer station"** means a facility created to receive solid waste from collection areas and transport in bulk in covered vehicles or containers to waste processing and, or, disposal facilities;

52. **"transportation"** means conveyance of solid waste, either treated, partly treated or untreated from a location to another location in an environmentally sound manner through specially designed and covered transport system so as to prevent the foul odour, littering and unsightly conditions;

53. **"treatment"** means the method, technique or process designed to modify physical, chemical or biological characteristics or composition of any waste so as to reduce its volume and potential to cause harm;

54. **"user fee"** means a fee imposed by the local body and any entity mentioned in rule 2 on the waste generator to cover full or part cost of providing solid waste collection, transportation, processing and disposal services.

55. "**vermi composting"** means the process of conversion of bio-degradable waste into compost using earth worms;

56. "**waste generator**" means and includes every person or group of persons, every residential premises and non residential establishments including Indian Railways, defense establishments, which generate solid waste;

57. **"waste hierarchy"** means the priority order in which the solid waste is to should be managed, e.g., reducing

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emphasis to prevention, reduction, reuse, recycling, recovery and disposal, with prevention being the most preferred option and the disposal at the landfill being the least;

58. **"waste picker"** means a person or groups of persons informally engaged in collection and recovery of reusable and recyclable solid waste from the source of waste generation the streets, bins, material recovery facilities, processing and waste disposal facilities for sale to recyclers directly or through intermediaries to earn their livelihood.

(2) Words and expressions used herein but not defined, but defined in the Environment (Protection) Act, 1986, the Water (Prevention and Control of Pollution) Act, 1974, Water (Prevention and Control of Pollution) Cess Act, 1977 and the Air (prevention and Control of Pollution) Act, 1981 shall have the same meaning as assigned to them in the respective Acts.

4 Duties of waste generators.- (1) Every waste generator shall,-

(a) segregate and store the waste generated by them in three separate streams namely bio-degradable, non bio-degradable and domestic hazardous wastes in suitable bins and handover segregated wastes to authorised waste pickers or waste collectors as per the direction or notification by the local authorities from time to time;

(b) wrap securely the used sanitary waste like diapers, sanitary pads etc., in the pouches provided by the manufacturers or brand owners of these products or in a suitable wrapping material as instructed by the local authorities and shall place the same in the bin meant for dry waste or non- bio-degradable waste;

(c) store separately construction and demolition waste, as and when generated, in his own premises and shall dispose off as per the Construction and Demolition Waste Management Rules, 2016; and

(d) store horticulture waste and garden waste generated from his premises separately in his own premises and dispose of as per the directions of the local body from time to time.

(2) No waste generator shall throw**,** burn or burry the solid waste generated by him, on streets, open public spaces outside his premises or in the drain or water bodies.

(3) All waste generators shall pay such user fee for solid waste management, as specified in the bye-laws of the local bodies.

(4) No person shall organise an event or gathering of more than one hundred persons at any unlicensed place without intimating the local body, at least three working days in advance and such person or the organiser of such event shall ensure segregation of waste at source and handing over of segregated waste to waste collector or agency as specified by the local body.

(5) Every street vendor shall keep suitable containers for storage of waste generated during the course of his activity such as food waste, disposable plates, cups, cans, wrappers, coconut shells, leftover food, vegetables, fruits, etc., and shall deposit such waste at waste storage depot or container or vehicle as notified by the local body**.**

(6) All resident welfare and market associations shall, within one year from the date of notification of these rules and in partnership with the local body ensure segregation of waste at source by the generators as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorised recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.

(7) All gated communities and institutions with more than 5,000 sqm area shall, within one year from the date of notification of these rules and in partnership with the local body, ensure segregation of waste at source by the generators as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorizsd recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.

(8) All hotels and restaurants shall, within one year from the date of notification of these rules and in partnership with the local body ensure segregation of waste at source as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorised recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.

5. Duties of Ministry of Environment, Forest and Climate Change.- (1) The Ministry of Environment, Forest and Climate Change shall be responsible for over all monitoring the implementation of these rules in the country. It shall constitute a Central Monitoring Committee under the Chairmanship of Secretary, Ministry of Environment, Forest and Climate Change comprising officer not below the rank of Joint Secretary or Advisor from the following namely,-

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1) Ministry of Urban Development

2) Ministry of Rural Development

3) Ministry of Chemicals and Fertilizers

4) Ministry of Agriculture

5) Central Pollution Control Board

6) Three State Pollution Control Boards or Pollution Control Committees by rotation

7) Urban Development Departments of three State Governments by rotation

8) Rural Development Departments from two State Governments by rotation

9) Three Urban Local bodies by rotation

10) Two census towns by rotation

11) FICCI, CII

12) Two subject experts

2. This Central Monitoring Committee shall meet at least once in a year to monitor and review the implementation of these rules. The Ministry of Environment, Forest and Climate Change may co-opt other experts, if needed. The Committee shall be renewed every three years.

6. Duties of Ministry of Urban Development.- (1) The Ministry of Urban Development shall coordinate with State Governments and Union territory Administrations to,-

(a) take periodic review of the measures taken by the states and local bodies for improving solid waste management practices and execution of solid waste management projects funded by the Ministry and external agencies at least once in a year and give advice on taking corrective measures;

(b) formulate national policy and strategy on solid waste management including policy on waste to energy in consultation with stakeholders within six months from the date of notification of these rules;

(c) facilitate States and Union Territories in formulation of state policy and strategy on solid management based on national solid waste management policy and national urban sanitation policy;

(d) promote research and development in solid waste management sector and disseminate information to States and local bodies;

(e) undertake training and capacity building of local bodies and other stakeholders;and

(f) provide technical guidelines and project finance to states, Union territories and local bodies on solid waste management to facilitate meeting timelines and standards.

7. Duties of Department of Fertilisers, Ministry of Chemicals and Fertilisers.- (1) The Department of Fertilisers through appropriate mechanisms shall,-

(a) provide market development assistance on city compost; and

(b) ensure promotion of co-marketing of compost with chemical fertilisers in the ratio of 3 to 4 bags: 6 to 7 bags by the fertiliser companies to the extent compost is made availablefor marketing to the companies.

8. Duties of Ministry of Agriculture, Government of India.- The Ministry of Agriculture through appropriate mechanisms shall,-

(a) provide flexibility in Fertiliser Control Order for manufacturing and sale of compost;

(b) propagate utlisation of compost on farm land;

(c) set up laboratories to test quality of compost produced by local authorities or their authorised agencies; and

(d) issue suitable guidelines for maintaining the quality of compost and ratio of use of compost visa-a-vis chemical fertilizers while applying compost to farmland.

9. Duties of the Ministry of Power.-The Ministry of Power through appropriate mechanisms shall,-

(a) decide tariff or charges for the power generated from the waste to energy plants based on solid waste.

(b) compulsory purchase power generated from such waste to energy plants by distribution company.

10. Duties of Ministry of New and Renewable Energy Sources- The Ministry of New and Renewable Energy Sources through appropriate mechanisms shall,-

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(a) facilitate infrastructure creation for waste to energy plants; and

(b) provide appropriate subsidy or incentives for such waste to energy plants.

11. Duties of the Secretary–in-charge, Urban Development in the States and Union territories.- (1) The Secretary, Urban Development Department in the State or Union territory through the Commissioner or Director of Municipal Administration or Director of local bodies shall,-

(a) prepare a state policy and solid waste management strategy for the state or the union territory in consultation with stakeholders including representative of waste pickers**,** self help group and similar groups working in the field of waste management consistent with these rules, national policy on solid waste management and national urban sanitation policy of the ministry of urban development, in a period not later than one year from the date of notification of these rules;

(b) while preparing State policy and strategy on solid waste management, lay emphasis on waste reduction, reuse, recycling, recovery and optimum utilisation of various components of solid waste to ensure minimisation of waste going to the landfill and minimise impact of solid waste on human health and environment;

(c) state policies and strategies should acknowledge the primary role played by the informal sector of waste pickers, waste collectors and recycling industry in reducing waste and provide broad guidelines regarding integration of waste picker or informal waste collectors in the waste management system.

(d) ensure implementation of provisions of these rules by all local authorities;

(e) direct the town planning department of the State to ensure that master plan of every city in the State or Union territory provisions for setting up of solid waste processing and disposal facilities except for the cities who are members of common waste processing facility or regional sanitary landfill for a group of cities; and

(f) ensure identification and allocation of suitable land to the local bodies within one year for setting up of processing and disposal facilities for solid wastes and incorporate them in the master plans (land use plan) of the State or as the case may be, cities through metropolitan and district planning committees or town and country planning department;

(h) direct the town planning department of the State and local bodies to ensure that a separate space for segregation, storage, decentralised processing of solid waste is demarcated in the development plan for group housing or commercial, institutional or any other non-residential complex exceeding 200 dwelling or having a plot area exceeding 5,000 square meters;

(i) direct the developers of Special Economic Zone, Industrial Estate, Industrial Park to earmark at least five percent of the total area of the plot or minimum five plots or sheds for recovery and recycling facility.

(j) facilitate establishment of common regional sanitary land fill for a group of cities and towns falling within a distance of 50 km (or more) from the regional facility on a cost sharing basis and ensure professional management of such sanitary landfills;

(k) arrange for capacity building of local bodies in managing solid waste, segregation and transportation or processing of such waste at source;

(l) notify buffer zone for the solid waste processing and disposal facilities of more than five tons per day in consultation with the State Pollution Control Board; and

(m) start a scheme on registration of waste pickers and waste dealers.

12. Duties of District Magistrate or District Collector or Deputy Commissioner.- The District Magistrate or District Collector or as the case may be , the Deputy Commissioner shall, -

(a) facilitate identification and allocation of suitable land as per clause (f) of rules 11 for setting up solid waste processing and disposal facilities to local authorities in his district in close coordination with the Secretary-in-charge of State Urban Development Department within one year from the date of notification of these rules;

(b) review the performance of local bodies, at least once in a quarter on waste segregation, processing, treatment and disposal and take corrective measures in consultation with the Commissioner or Director of Municipal Administration or Director of local bodies and secretary-in-charge of the State Urban Development.

13. Duties of the Secretary–in-charge of Village Panchayats or Rural Development Department in the State and Union territory.- (1) The Secretary–in-charge of Village Panchayats or Rural Development Department in the State and Union territory shall have the same duties as the Secretary–in-charge, Urban Development in the States and Union territories, for the areas which are covered under these rules and are under their jurisdictions.

14. Duties of Central Pollution Control Board.-The Central Pollution Control Board shall, -

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(a) co-ordinate with the State Pollution Control Boards and the Pollution Control Committees for implementation of these rules and adherence to the prescribed standards by local authorities;

(b) formulate the standards for ground water, ambient air, noise pollution, leachate in respect of all solid waste processing and disposal facilities;

(c) review environmental standards and norms prescribed for solid waste processing facilities or treatment technologies and update them as and when required;

(d) review through State Pollution Control Boards or Pollution Control Committees, at least once in a year, the implementation of prescribed environmental standards for solid waste processing facilities or treatment technologies and compile the data monitored by them;

(e) review the proposals of State Pollution Control Boards or Pollution Control Committees on use of any new technologies for processing, recycling and treatment of solid waste and prescribe performance standards, emission norms for the same within 6 months;

(f) monitor through State Pollution Control Boards or Pollution Control Committees the implementation of these rules by local bodies;

(g) prepare an annual report on implementation of these rules on the basis of reports received from State Pollution Control Boards and Committees and submit to the Ministry of Environment, Forest and Climate Change and the report shall also be put in public domain;

(h) publish guidelines for maintaining buffer zone restricting any residential, commercial or any other construction activity from the outer boundary of the waste processing and disposal facilities for different sizes of facilities handling more than five tons per day of solid waste;

(i) publish guidelines, from time to time, on environmental aspects of processing and disposal of solid waste to enable local bodies to comply with the provisions of these rules; and

(j) provide guidance to States or Union territories on inter-state movement of waste.

15. Duties and responsibilities of local authorities and village Panchayats of census towns and urban agglomerations.- The local authorities and Panchayats shall,-

(a) prepare a solid waste management plan as per state policy and strategy on solid waste management within six months from the date of notification of state policy and strategy and submit a copy to respective departments of State Government or Union territory Administration or agency authorised by the State Government or Union territory Administration;

(b) arrange for door to door collection of segregated solid waste from all households including slums and informal settlements, commercial, institutional and other non residential premises. From multi-storage buildings, large commercial complexes, malls, housing complexes, etc., this may be collected from the entry gate or any other designated location;

(c) establish a system to recognise organisations of waste pickers or informal waste collectors and promote and establish a system for integration of these authorised waste-pickers and waste collectors to facilitate their participation in solid waste management including door to door collection of waste;

(d) facilitate formation of Self Help Groups, provide identity cards and thereafter encourage integration in solid waste management including door to door collection of waste;

(e) frame bye-laws incorporating the provisions of these rules within one year from the date of notification of these rules and ensure timely implementation;

(f) prescribe from time to time user fee as deemed appropriate and collect the fee from the waste generators on its own or through authorised agency;

(g) direct waste generators not to litter i.e throw or dispose of any waste such as paper, water bottles, liquor bottles, soft drink canes, tetra packs, fruit peel, wrappers, etc., or burn or burry waste on streets, open public spaces, drains, waste bodies and to segregate the waste at source as prescribed under these rules and hand over the segregated waste to authorised the waste pickers or waste collectors authorised by the local body;

(h) setup material recovery facilities or secondary storage facilities with sufficient space for sorting of recyclable materials to enable informal or authorised waste pickers and waste collectors to separate recyclables from the waste and provide easy access to waste pickers and recyclers for collection of segregated recyclable waste such as paper, plastic, metal, glass, textile from the source of generation or from material recovery facilities; Bins for storage of bio-degradable wastes shall be painted green, those for storage of recyclable wastes shall be printed white and those for storage of other wastes shall be printed black;

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(i) establish waste deposition centres for domestic hazardous waste and give direction for waste generators to deposit domestic hazardous wastes at this centre for its safe disposal. Such facility shall be established in a city or town in a manner that one centre is set up for the area of twenty square kilometers or part thereof and notify the timings of receiving domestic hazardous waste at such centres;

(j) ensure safe storage and transportation of the domestic hazardous waste to the hazardous waste disposal facility or as may be directed by the State Pollution Control Board or the Pollution Control Committee;

(k) direct street sweepers not to burn tree leaves collected from street sweeping and store them separately and handover to the waste collectors or agency authorised by local body;

(l) provide training on solid waste management to waste-pickers and waste collectors;

(m) collect waste from vegetable, fruit, flower, meat, poultry and fish market on day to day basis and promote setting up of decentralised compost plant or bio-methanation plant at suitable locations in the markets or in the vicinity of markets ensuring hygienic conditions;

(n) collect separately waste from sweeping of streets, lanes and by-lanes daily, or on alternate days or twice a week depending on the density of population, commercial activity and local situation;

(o) set up covered secondary storage facility for temporary storage of street sweepings and silt removed from surface drains in cases where direct collection of such waste into transport vehicles is not convenient. Waste so collected shall be collected and disposed of at regular intervals as decided by the local body;

(p) collect horticulture, parks and garden waste separately and process in the parks and gardens, as far as possible;

(q) transport segregated bio-degradable waste to the processing facilities like compost plant, bio-methanation plant or any such facility. Preference shall be given for on site processing of such waste;

(r) transport non-bio-degradable waste to the respective processing facility or material recovery facilities or secondary storage facility;

(s) transport construction and demolition waste as per the provisions of the Construction and Demolition Waste management Rules, 2016;

(t) involve communities in waste management and promotion of home composting, bio-gas generation, decentralised processing of waste at community level subject to control of odour and maintenance of hygienic conditions around the facility;

(u) phase out the use of chemical fertilizer in two years and use compost in all parks, gardens maintained by the local body and wherever possible in other places under its jurisdiction. Incentives may be provided to recycling initiatives by informal waste recycling sector.

(v) facilitate construction, operation and maintenance of solid waste processing facilities and associated infrastructure on their own or with private sector participation or through any agency for optimum utilisation of various components of solid waste adopting suitable technology including the following technologies and adhering to the guidelines issued by the Ministry of Urban Development from time to time and standards prescribed by the Central Pollution Control Board. Preference shall be given to decentralised processing to minimize transportation cost and environmental impacts such as-

a) bio-methanation, microbial composting, vermi-composting, anaerobic digestion or any other appropriate processing for bio-stabilisation of biodegradable wastes;

b) waste to energy processes including refused derived fuel for combustible fraction of waste or supply as feedstock to solid waste based power plants or cement kilns;

(w) undertake on their own or through any other agency construction, operation and maintenance of sanitary landfill and associated infrastructure as per Schedule 1 for disposal of residual wastes in a manner prescribed under these rules;

(x) make adequate provision of funds for capital investments as well as operation and maintenance of solid waste management services in the annual budget ensuring that funds for discretionary functions of the local body have been allocated only after meeting the requirement of necessary funds for solid waste management and other obligatory functions of the local body as per these rules;

(y) make an application in Form-I for grant of authorisation for setting up waste processing, treatment or disposal facility, if the volume of waste is exceeding five metric tones per day including sanitary landfills from the State Pollution Control Board or the Pollution Control Committee, as the case may be;

(z) submit application for renewal of authorisation at least sixty days before the expiry of the validity of authorisation;

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(za) prepare and submit annual report in Form IV on or before the 30th April of the succeeding year to the Commissioner or Director, Municipal Administration or designated Officer;

(zb) the annual report shall then be sent to the Secretary -in-Charge of the State Urban Development Department or village panchayat or rural development department and to the respective State Pollution Control Board or Pollution Control Committee by the 31st May of every year;

(zc) educate workers including contract workers and supervisors for door to door collection of segregated waste and transporting the unmixed waste during primary and secondary transportation to processing or disposal facility;

(zd) ensure that the operator of a facility provides personal protection equipment including uniform, fluorescent jacket, hand gloves, raincoats, appropriate foot wear and masks to all workers handling solid waste and the same are used by the workforce;

(ze) ensure that provisions for setting up of centers for collection, segregation and storage of segregated wastes, are incorporated in building plan while granting approval of building plan of a group housing society or market complex; and

(zf) frame bye-laws and prescribe criteria for levying of spot fine for persons who litters or fails to comply with the provisions of these rules and delegate powers to officers or local bodies to levy spot fines as per the bye laws framed; and

(zg) create public awareness through information, education and communication campaign and educate the waste generators on the following; namely:-

(i) not to litter;

(ii) minimise generation of waste;

(iii) reuse the waste to the extent possible;

(iv) practice segregation of waste into bio–degradable, non-biodegradable (recyclable and combustible), sanitary waste and domestic hazardous wastes at source;

(v) practice home composting, vermi-composting, bio-gas generation or community level composting;

(vi) wrap securely used sanitary waste as and when generated in the pouches provided by the brand owners or a suitable wrapping as prescribed by the local body and place the same in the bin meant for non-biodegradable waste;

(vii) storage of segregated waste at source in different bins;

(viii) handover segregated waste to waste pickers, waste collectors, recyclers or waste collection agencies; and

(ix) pay monthly user fee or charges to waste collectors or local bodies or any other person authorised by the local body for sustainability of solid waste management.

(zh) stop land filling or dumping of mixed waste soon after the timeline as specified in rule 23 for setting up and operationalisation of sanitary landfill is over;

(zi) allow only the non-usable, non-recyclable, non-biodegradable, non-combustible and non-reactive inert waste and pre-processing rejects and residues from waste processing facilities to go to sanitary landfill and the sanitary landfill sites shall meet the specifications as given in Schedule–I, however, every effort shall be made to recycle or reuse the rejects to achieve the desired objective of zero waste going to landfill;

(zj) investigate and analyse all old open dumpsites and existing operational dumpsites for their potential of bio-mining and bio-remediation and wheresoever feasible, take necessary actions to bio-mine or bio-remediate the sites;

(zk) in absence of the potential of bio-mining and bio-remediation of dumpsite, it shall be scientifically capped as per landfill capping norms to prevent further damage to the environment.

16. Duties of State Pollution Control Board or Pollution Control Committee.- (1) The State Pollution Control Board or Pollution Control Committee shall,-

(a) enforce these rules in their State through local bodies in their respective jurisdiction and review implementation of these rules at least twice a year in close coordination with concerned Directorate of Municipal Administration or Secretary-in-charge of State Urban Development Department;

(b) monitor environmental standards and adherence to conditions as specified under the Schedule I and Schedule II for waste processing and disposal sites;

(c) examine the proposal for authorisation and make such inquiries as deemed fit, after the receipt of the application for the same in Form I from the local body or any other agency authorised by the local body;

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(d) while examining the proposal for authorisation, the requirement of consents under respective enactments and views of other agencies like the State Urban Development Department, the Town and Country Planning Department, District Planning Committee or Metropolitan Area Planning Committee, as may be applicable, Airport or Airbase Authority, the Ground Water Board, Railways, power distribution companies, highway department and other relevant agencies shall be taken into consideration and they shall be given four weeks time to give their views, if any;

(e) issue authorisation within a period of sixty days in Form II to the local body or an operator of a facility or any other agency authorised by local body stipulating compliance criteria and environmental standards as specified in Schedules I and II including other conditions, as may be necessary;

(f) synchronise the validity of said authorisation with the validity of the consents;

(g) suspend or cancel the authorization issued under clause (a) any time, if the local body or operator of the facility fails to operate the facility as per the conditions stipulated:

provided that no such authorization shall be suspended or cancelled without giving notice to the local body or operator, as the case may be; and

(h) on receipt of application for renewal, renew the authorisation for next five years, after examining every application on merit and subject to the condition that the operator of the facility has fulfilled all the provisions of the rules, standards or conditions specified in the authorisation, consents or environment clearance.

(2) The State Pollution Control Board or Pollution Control Committee shall, after giving reasonable opportunity of being heard to the applicant and for reasons thereof to be recorded in writing, refuse to grant or renew an authorisation.

(3) In case of new technologies, where no standards have been prescribed by the Central Pollution Control Board, State Pollution Control Board or Pollution Control Committee, as the case may be, shall approach Central Pollution Control Board for getting standards specified.

(4) The State Pollution Control Board or the Pollution Control Committee, as the case may be, shall monitor the compliance of the standards as prescribed or laid down and treatment technology as approved and the conditions stipulated in the authorisation and the standards specified in Schedules I and II under these rules as and when deemed appropriate but not less than once in a year.

(5) The State Pollution Control Board or the Pollution Control Committee may give directions to local bodies for safe handling and disposal of domestic hazardous waste deposited by the waste generators at hazardous waste deposition facilities.

(6) The State Pollution Control Board or the Pollution Control Committee shall regulate Inter-State movement of waste.

17. Duty of manufacturers or brand owners of disposable products and sanitary napkins and diapers.- (1) All manufacturers of disposable products such as tin, glass, plastics packaging, etc., or brand owners who introduce such products in the market shall provide necessary financial assistance to local authorities for establishment of waste management system.

(2) All such brand owners who sell or market their products in such packaging material which are non-biodegradable shall put in place a system to collect back the packaging waste generated due to their production.

(3) Manufacturers or brand owners or marketing companies of sanitary napkins and diapers shall explore the possibility of using all recyclable materials in their products or they shall provide a pouch or wrapper for disposal of each napkin or diapers along with the packet of their sanitary products.

(4) All such manufacturers, brand owners or marketing companies shall educate the masses for wrapping and disposal of their products.

18. Duties of the industrial units located within one hundred km from the refused derived fuel and waste to energy plants based on solid waste- All industrial units using fuel and located within one hundred km from a solid waste based refused derived fuel plant shall make arrangements within six months from the date of notification of these rules to replace at least five percent of their fuel requirement by refused derived fuel so produced.

19. Criteria for Duties regarding setting-up solid waste processing and treatment facility.- (1) The department in- charge of the allocation of land assignment shall be responsible for providing suitable land for setting up of the solid waste processing and treatment facilities and notify such sites by the State Government or Union territory Administration.

(2) The operator of the facility shall design and set up the facility as per the technical guidelines issued by the Central Pollution Control Board in this regard from time to time and the manual on solid waste management prepared by the Ministry of Urban Development.

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(3) The operator of the facility shall obtain necessary approvals from the State Pollution Control Board or Pollution Control Committee.

(4) The State Pollution Control Board or Pollution Control Committee shall monitor the environment standards of the operation of the solid waste processing and treatment facilities.

(5) The operator of the facility shall be responsible for the safe and environmentally sound operations of the solid waste processing and or treatment facilities as per the guidelines issued by the Central Pollution Control Board from time to time and the Manual on Municipal Solid Waste Management published by the Ministry of Urban Development and updated from time to time.

(6) The operator of the solid waste processing and treatment facility shall submit annual report in Form III each year by 30th April to the State Pollution Control Board or Pollution Committee and concerned local body.

20. Criteria and actions to be taken for solid waste management in hilly areas.- In the hilly areas, the duties and responsibilities of the local authorities shall be the same as mentioned in rule 15 with additional clauses as under:

(a) Construction of landfill on the hill shall be avoided. A transfer station at a suitable enclosed location shall be setup to collect residual waste from the processing facility and inert waste. A suitable land shall be identified in the plain areas down the hill within 25 kilometers for setting up sanitary landfill. The residual waste from the transfer station shall be disposed of at this sanitary landfill.

(b) In case of non-availability of such land, efforts shall be made to set up regional sanitary landfill for the inert and residual waste.

(c) Local body shall frame Bye-laws and prohibit citizen from littering wastes on the streets and give strict direction to the tourists not to dispose any waste such as paper, water bottles, liquor bottles, soft drink canes, tetra packs, any other plastic or paper waste on the streets or down the hills and instead direct to deposit such waste in the litter bins that shall be placed by the local body at all tourist destinations.

(d) Local body shall arrange to convey the provisions of solid waste management under the bye-laws to all tourists visiting the hilly areas at the entry point in the town as well as through the hotels, guest houses or like where they stay and by putting suitable hoardings at tourist destinations.

(e) Local body may levy solid waste management charge from the tourist at the entry point to make the solid waste management services sustainable.

(f) The department in- charge of the allocation of land assignment shall identify and allot suitable space on the hills for setting up decentralised waste processing facilities. Local body shall set up such facilities. Step garden system may be adopted for optimum utilisation of hill space.

21. Criteria for waste to energy process.- (1) Non recyclable waste having calorific value of 1500 K/cal/kg or more shall not be disposed of on landfills and shall only be utilised for generating energy either or through refuse derived fuel or by giving away as feed stock for preparing refuse derived fuel.

(2) High calorific wastes shall be used for co-processing in cement or thermal power plants.

(3) The local body or an operator of facility or an agency designated by them proposing to set up waste to energy plant of more than five tones per day processing capacity shall submit an application in Form-I to the State Pollution Control Board or Pollution Control Committee, as the case may be, for authorisation.

(4) The State Pollution Control Board or Pollution Control Committee, on receiving such application for setting up waste to energy facility, shall examine the same and grant permission within sixty days.

22. Time frame for implementation.- Necessary infrastructure for implementation of these rules shall be created by the local bodies and other concerned authorities, as the case may be, on their own, by directly or engaging agencies within the time frame specified below:

Sl. No.	Activity	Time limit from the date of notification of rules
(1)	(2)	(3)
1.	identification of suitable sites for setting up solid waste processing facilities	1 year

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2.	identification of suitable sites for setting up common regional sanitary landfill facilities for suitable clusters of local authorities under 0.5 million population and for setting up common regional sanitary landfill facilities or stand alone sanitary landfill facilities by all local authorities having a population of 0.5 million or more .	1 year
3.	procurement of suitable sites for setting up solid waste processing facility and sanitary landfill facilities	2 years
4.	enforcing waste generators to practice segregation of bio degradable, recyclable, combustible, sanitary waste domestic hazardous and inert solid wastes at source ,	2 years
5.	Ensure door to door collection of segregated waste and its transportation in covered vehicles to processing or disposal facilities.	2 years
6.	ensure separate storage, collection and transportation of construction and demolition wastes	2 years
7.	setting up solid waste processing facilities by all local bodies having 100000 or more population	2 years
8.	Setting up solid waste processing facilities by local bodies and census towns below 100000 population.	3 years
9	setting up common or stand alone sanitary landfills by or for all local bodies having 0.5 million or more population for the disposal of only such residual wastes from the processing facilities as well as untreatable inert wastes as permitted under the Rules	3 years
10.	setting up common or regional sanitary landfills by all local bodies and census towns under 0.5 million population for the disposal of permitted waste under the rules	3years
11.	bio-remediation or capping of old and abandoned dump sites	5years

23. State Level Advisory Body. – (1) Every Department in-charge of local bodies of the concerned State Government or Union territory administration shall constitute a State Level Advisory Body within six months from the date of notification of these rules comprising the following members, namely:-

Sl. No	**Designation**	**Member**
(1)	**(2)**	**(3)**
1.	Secretary, Department of Urban Development orLocal self government department of the State	Chairperson, ex-officio
2.	One representative of Panchayats or Rural development Department not below the rank of Joint Secretary to State Government	Member, ex-officio
3.	one representative of Revenue Department of State Government	Member,ex-officio
4.	One representative from Ministry of Environment, Forest and Climate Change Government of India	Member, ex-officio

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5.	One representative from Ministry of Urban Development, Government of India	Member, ex-officio
6.	One representative from Ministry of Rural Development, Government of India	Member, ex-officio
7.	One representative from the Central Pollution Control Board	Member, ex-officio
8.	One representative from the State Pollution Control Board or Pollution Control Committee	Member, ex-officio
9.	One representative from Indian Institute of Technology or National Institute of Technology	Member,Ex-officio
10.	Chief town planner of the state	Member
11.	Three representatives from the local bodies by rotation	Member
12.	Two representatives from census towns or urban agglomerations by rotation.	Member
13.	One representative from reputed Non-Governmental Organisation or Civil Society working for the waste pickers or informal recycler or solid waste management	Member
14.	One representative from a body representing Industries at the State or Central level	Member
15.	one representative from waste recycling industry	member
16.	Two subject experts	Member
17.	Co-opt one representative each from agriculture department, and labour department of State Government.	Member

(2) The State Level Advisory Body shall meet at least one in every six months to review the matters related to implementation of these rules, state policy and strategy on solid waste management and give advice to state government for taking measures that are necessary for expeditious and appropriate implementation of these rules.

(3) The copies of the review report shall be forwarded to the State Pollution Control Board or Pollution Control Committee for necessary action.

24. Annual report.- (1) The operator of facility shall submit the annual report to the local body in Form-III on or before the 30th day of April every year.

(2) The local body shall submit its annual report in Form-IV to State P Control Board or P Committee and the Secretary-in-Charge of the Department of Urban Development of the concerned State or Union Territory in case of metropolitan city and to the Director of Municipal Administration or Commissioner of Municipal Administration or Officer in -Charge of Urban local bodies in the state in case of all other local bodies of state on or before the 30th day of June every year

(3) Each State Pollution Control Board or Pollution Control Committee as the case may be, shall prepare and submit the consolidated annual report to the Central Pollution Control Board and Ministry of Urban Development on the implementation of these rules and action taken against non complying local body by the 31st day of July of each year in Form-V.

(4) The Central Pollution Control Board shall prepare a consolidated annual review report on the status of implementation of these rules by local bodies in the country and forward the same to the Ministry of Urban Development.

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and Ministry of Environment, Forest and Climate Change, along with its recommendations before the 31st day of August each year.

(5) The annual report shall be reviewed by the Ministry of Environment, Forest and Climate Change during the meeting of Central Monitoring Committee.

25. Accident reporting- In case of an accident at any solid waste processing or treatment or disposal facility or landfill site, the Officer- in- charge of the facility shall report to the local body in Form-VI and the local body shall review and issue instructions if any, to the in- charge of the facility.

SCHEDULE I

[see rule 15 (w),(zi), 16 (1) (b) (e), 16 (4)]

Specifications for Sanitary Landfills

(A) Criteria for site selection.-

(i) The department in the business allocation of land assignment shall provide suitable site for setting up of the solid waste processing and treatment facilities and notify such sites.

(ii) The sanitary landfill site shall be planned, designed and developed with proper documentation of construction plan as well as a closure planin a phased manner. In case a new landfill facility is being established adjoining an existing landfill site, the closure plan of existing landfill should form a part of the proposal of such new landfill.

(iii) The landfill sites shall be selected to make use of nearby wastes processing facilities. Otherwise, wastes processing facility shall be planned as an integral part of the landfill site.

(iv) Landfill sites shall be set up as per the guidelines of the Ministry of Urban Development, Government of India and Central Pollution Control Board.

(v) The existing landfill sites which are in use for more than five years shall be improved in accordance with the specifications given in this Schedule.

(vi) The landfill site shall be large enough to last for at least 20-25 years and shall develop 'landfill cells' in a phased manner to avoid water logging and misuse.

(vii) The landfill site shall be 100 meter away from river, 200 meter from a pond, 200 meter from Highways, Habitations, Public Parks and water supply wells and 20 km away from Airports or Airbase. However in a special case, landfill site may be set up within a distance of 10 and 20 km away from the Airport/Airbase after obtaining no objection certificate from the civil aviation authority/ Air force as the case may be. The Landfill site shall not be permitted within the flood plains as recorded for the last 100 years, zone of coastal regulation, wetland, Critical habitat areas, sensitive eco-fragile areas..

(viii) The sites for landfill and processing and disposal of solid waste shall be incorporated in the Town Planning Department's land-use plans.

(ix) A buffer zone of no development shall be maintained around solid waste processing and disposal facility, exceeding five Tonnes per day of installed capacity. This will be maintained within the total area of the solid waste processing and disposal facility. The buffer zone shall be prescribed on case to case basis by the local body in consultation with concerned State Pollution Control Board.

(x) The biomedical waste shall be disposed of in accordance with the Bio-medical Waste Management Rules, 2016, as amended from time to time . The hazardous waste shall be managed in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended from time to time. The E-waste shall be managed in accordance with the e-Waste (Management) Rules, 2016 as amended from time to time.

(xi) Temporary storage facility for solid waste shall be established in each landfill site to accommodate the waste in case of non- operation of waste processing and during emergency or natural calamities.

(B) Criteria for development of facilities at the sanitary landfills.-

(i) Landfill site shall be fenced or hedged and provided with proper gate to monitor incoming vehicles, to prevent entry of unauthorised persons and stray animals

(ii) The approach and / internal roads shall be concreted or paved so as to avoid generation of dust particles due to vehicular movement and shall be so designed to ensure free movement of vehicles and other machinery.

(iii) The landfill site shall have waste inspection facility to monitor waste brought in for landfilling h, office facility for record keeping and shelter for keeping equipment and machinery including pollution monitoring [illegible]. The operator of the facility shall maintain record of waste received, processed and disposed.

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(iv) Provisions like weigh bridge to measure quantity of waste brought at landfill site, fire protection equipment and other facilities as may be required shall be provided.

(v) Utilities such as drinking water and sanitary facilities (preferably washing/bathing facilities for workers) and lighting arrangements for easy landfill operations during night hours shall be provided.

(vi) Safety provisions including health inspections of workers at landfill sites shall be carried out made.

(vii) Provisions for parking, cleaning, washing of transport vehicles carrying solid waste shall be provided. The wastewater so generated shall be treated to meet the prescribed standards.

(C) Criteria for specifications for land filling operations and closure on completion of land filling.-

(i) Waste for land filling shall be compacted in thin layers using heavy compactors to achieve high density of the waste. In high rainfall areas where heavy compactors cannot be used, alternative measures shall be adopted.

(ii) Till the time waste processing facilities for composting or recycling or energy recovery are set up, the waste shall be sent to the sanitary landfill. The landfill cell shall be covered at the end of each working day with minimum 10 cm of soil, inert debris or construction material..

(iii) Prior to the commencement of monsoon season, an intermediate cover of 40-65 cm thickness of soil shall be placed on the landfill with proper compaction and grading to prevent infiltration during monsoon. Proper drainage shall be constructed to divert run-off away from the active cell of the landfill.

(iv) After completion of landfill, a final cover shall be designed to minimise infiltration and erosion. The final cover shall meet the following specifications, namely :--

a) The final cover shall have a barrier soil layer comprising of 60 cm of clay or amended soil with permeability coefficient less than 1 x 10^{-7} cm/sec.

b) On top of the barrier soil layer, there shall be a drainage layer of 15 cm.

c) On top of the drainage layer, there shall be a vegetative layer of 45 cm to support natural plant growth and to minimise erosion.

(D) Criteria for pollution prevention.-In order to prevent pollution from landfill operations, the following provisions shall be made, namely:-

(i) The storm water drain shall be designed and constructed in such a way that the surface runoff water is diverted from the landfilling site and leachates from solid waste locations do not get mixed with the surface runoff water. Provisions for diversion of storm water discharge drains shall be made to minimise leachate generation and prevent pollution of surface water and also for avoiding flooding and creation of marshy conditions.

(ii) Non-permeable lining system at the base and walls of waste disposal area. For landfill receiving residues of waste processing facilities or mixed waste or waste having contamination of hazardous materials (such as aerosols, bleaches, polishes, batteries, waste oils, paint products and pesticides) shall have liner of composite barrier of 1.5 mm thick high density polyethylene (HDPE) geo-membrane or geo-synthetic liners, or equivalent, overlying 90 cm of soil (clay or amended soil) having permeability coefficient not greater than 1 x 10-7 cm/sec. The highest level of water table shall be at least two meter below the base of clay or amended soil barrier layer provided at the bottom of landfills.

(iii) Provisions for management of leachates including its collection and treatment shall be made. The treated leachate shall be recycled or utilized as permitted, otherwise shall be released into the sewerage line, after meeting the standards specified in Schedule- II**.**. In no case, leachate shall be released into open environment.

(iv) Arrangement shall be made to prevent leachate runoff from landfill area entering any drain, stream, river, lake or pond. In case of mixing of runoff water with leachate or solid waste, the entire mixed water shall be treated by the concern authority.

(E) Criteria for water quality monitoring.-

(i) Before establishing any landfill site, baseline data of ground water quality in the area shall be collected and kept in record for future reference. The ground water quality within 50 meter of the periphery of landfill site shall be periodically monitored covering different seasons in a year that is, summer, monsoon and post-monsoon period to ensure that the ground water is not contaminated.

(ii) Usage of groundwater in and around landfill sites for any purpose (including drinking and irrigation) shall be considered only after ensuring its quality. The following specifications for drinking water quality shall apply for monitoring purpose, namely :-

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S. No.	Parameters	IS 10500:2012, Edition 2.2(2003-09) Desirable limit (mg/l except for pH)
(1)	(2)`	(3)
	Arsenic	0.01
	Cadmium	0.01
	Chromium(as Cr^{6+})	0.05
	Copper	0.05
	Cyanide	0.05
	Lead	0.05
	Mercury	0.001
	Nickel	-
	Nitrate as NO_3	45.0
	pH	6.5-8.5
	Iron	0.3
	Total hardness (as $CaCO_3$)	300.0
	Chlorides	250
	Dissolved solids	500
	Phenolic compounds (as C_6H_5OH)	0.001
	Zinc	5.0
	Sulphate (as SO_4)	200

(F) Criteria for ambient air quality monitoring.-

(i) Landfill gas control system including gas collection system shall be installed at landfill site to minimize odour, prevent off-site migration of gases, to protect vegetation planted on the rehabilitated landfill surface. For enhancing landfill gas recovery, use of geomembranes in cover systems along with gas collection wells should be considered.

(ii) The concentration of methane gas generated at landfill site shall not exceed 25 per cent of the lower explosive limit (LEL).

(iii) The landfill gas from the collection facility at a landfill site shall be utilized for either direct thermal applications or power generation, as per viability. Otherwise, landfill gas shall be burnt (flared) and shall not be allowed to escape directly to the atmosphere or for illegal tapping. Passive venting shall be allowed in case if its utilisation or flaring is not possible.

(iv) Ambient air quality at the landfill site and at the vicinity shall be regularly monitored. Ambient air quality shall

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meet the standards prescribed by the Central Pollution Control Board for Industrial area.

G. Criteria for plantation at landfill Site.- A vegetative cover shall be provided over the completed site in accordance with the following specifications, namely:-

(a) Locally adopted non-edible perennial plants that are resistant to drought and extreme temperatures shall be planted;

(b) The selection of plants should be of such variety that their roots do not penetrate more than 30 cms. This condition shall apply till the landfill is stabilized;

(c) Selected plants shall have ability to thrive on low-nutrient soil with minimum nutrient addition;

(d) Plantation to be made in sufficient density to minimise soil erosion.

(e) Green belts shall be developed all around the boundary of the landfill in consultation with State Pollution Control Boards or Pollution Control Committees .

H. Criteria for post-care of landfill site.- (1) The post-closure care of landfill site shall be conducted for at least fifteen years and long term monitoring or care plan shall consist of the following, namely :-'

(a) Maintaining the integrity and effectiveness of final cover, making repairs and preventing run-on and run-off from eroding or otherwise damaging the final cover;

(b) Monitoring leachate collection system in accordance with the requirement;

(c) Monitoring of ground water in and around landfill;

(d) Maintaining and operating the landfill gas collection system to meet the standards.

(2) Use of closed landfill sites after fifteen years of post-closure monitoring can be considered for human settlement or otherwise only after ensuring that gaseous emission and leachate quality analysis complies with the specified standards and the soil stability is ensured.

I. Criteria for special provisions for hilly areas.-Cities and towns located on hills shall have location-specific methods evolved for final disposal of solid waste by the local body with the approval of the concerned State Pollution Control Board or the Pollution Control Committee. The local body shall set up processing facilities for utilisation of biodegradable organic waste. The non-biodegradable recyclable materials shall be stored and sent for recycling periodically. The inert and non-biodegradable waste shall be used for building roads or filling-up of appropriate areas on hills. In case of constraints in finding adequate land in hilly areas, waste not suitable for road-laying or filling up shall be disposed of in regional landfills in plain areas.

J. Closure and Rehabilitation of Old Dumps- Solid waste dumps which have reached their full capacity or those which will not receive additional waste after setting up of new and properly designed landfills should be closed and rehabilitated by examining the following options:

(i) Reduction of waste by bio mining and waste processing followed by placement of residues in new landfills or capping as in (ii) below.

(i). Capping with solid waste cover or solid waste cover enhanced with geomembrane to enable collection and flaring / utilisation of greenhouse gases.

(iii) Capping as in (ii) above with additional measures (in alluvial and other coarse grained soils) such as cut-off walls and extraction wells for pumping and treating contaminated ground water.

(iv) Any other method suitable for reducing environmental impact to acceptable level.

SCHEDULE II

[see rule 16 (1), (b), (e), 16 (4))

Standards of processing and treatment of solid waste

A. Standards for composting.- The waste processing facilities shall include composting as one of the technologies for processing of bio degradable waste. In order to prevent pollution from compost plant, the following shall be complied with namely :-

(a) The incoming organic waste at site shall be stored properly prior to further processing. To the extent possible, the waste storage area should be covered. If, such storage is done in an open area, it shall be provided with impermeable base with facility for collection of leachate and surface water run-off into lined drains leading to a leachate treatment and disposal facility;

(b) Necessary precaution shall be taken to minimise nuisance of odour, flies, rodents, bird menace and fire hazard.

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(c) In case of breakdown or maintenance of plant, waste intake shall be stopped and arrangements be worked out for diversion of waste to the temporary processing site or temporary landfill sites which will be again reprocessed when plant is in order;

(d) Pre-process and post-process rejects shall be removed from the processing facility on regular basis and shall not be allowed to pile at the site. Recyclables shall be routed through appropriate vendors. The non-recyclable high calorific fractions to be segregated and sent to waste to energy or for RDF production, co-processing in cement plants or to thermal power plants. Only rejects from all processes shall be sent for sanitary landfill site(s).

(e) The windrow area shall be provided with impermeable base. Such a base shall be made of concrete or compacted clay of 50 cm thick having permeability coefficient less than 10^{-7} cm/sec. The base shall be provided with 1 to 2 per cent slope and circled by lined drains for collection of leachate or surface run-off;

(f) Ambient air quality monitoring shall be regularly carried out. Odurnuisance at down-wind direction on the boundary of processing plant shall also be checked regularly.

(g) Leachate shall be re-circulated in compost plant for moisture maintenance.

(h) The end product compost shall meet the standards prescribed under Fertilizer Control Order notified from time to time.

(i) In order to ensure safe application of compost, the following specifications for compost quality shall be met, namely:-

Parameters	**Organic Compost (FCO 2009)**	**Phosphate Rich Organic Manure (FCO 2013)**
(1)	**(2)**	**(3)**
Arsenic (mg/Kg)	10.00	10.00
Cadmium (mg/Kg)	5.00	5.00
Chromium (mg/Kg)	50.00	50.00
Copper (mg/Kg)	300.00	300.00
Lead (mg/Kg)	100.00	100.00
Mercury (mg/Kg)	0.15	0.15
Nickel (mg/Kg)	50.00	50.00
Zinc (mg/Kg)	1000.00	1000.00
C/N ratio	<20	Less than 20:1
pH	6.5-7.5	(1:5 solution) maximum 6.7
Moisture, percent by weight, maximum	15.0-25.0	25.0
Bulk density (g/cm^3)	<1.0	Less than 1.6
Total Organic Carbon, per cent by weight, minimum	12.0	7.9

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Total Nitrogen (as N), per cent by weight, minimum	0.8	0.4
Total Phosphate (as $P_2 0_5$) percent by weight, minimum	0.4	10.4
Total Potassium (as $K_2 0$), percent by weight, minimum	0.4	-
Colour	Dark brown to black	-
Odour	Absence of foul Odor	-
Particle size	Minimum 90% material should pass through 4.0 mm IS sieve	Minimum 90% material should pass through 4.0 mm IS sieve
Conductivity (as dsm-1), not more than	4.0	8.2

* Compost (final product) exceeding the above stated concentration limits shall not be used for food crops. However, it may be utilized for purposes other than growing food crops.

B. Standards for treated leachates.-The disposal of treated leachates shall meet the following standards, namely:-

S. No	Parameter	Standards (Mode of Disposal)		
		Inland surface water	Public sewers	Land disposal
(1)	(2)	(3)	(4)	(5)
1.	Suspended solids, mg/l, max	100	600	200
2.	Dissolved solids (inorganic) mg/l, max.	2100	2100	2100
3	pH value	5.5 to 9.0	5.5 to 9.0	5.5 to 9.0
4	Ammonical nitrogen (as N), mg/l, max.	50	50	-
5	Total Kjeldahl nitrogen (as N), mg/l, max.	100	-	-
6	Biochemical oxygen demand (3 days at 27^0 C) max.(mg/l)	30	350	100
7	Chemical oxygen demand, mg/l, max.	250	-	-
8	Arsenic (as As), mg/l, max	0.2	0.2	0.2
9	Mercury (as Hg), mg/l, max	0.01	0.01	-
10	Lead (as Pb), mg/l, max	0.1	1.0	-
11	Cadmium (as Cd), mg/l, max	2.0	1.0	-

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12	Total Chromium (as Cr), mg/l, max.	2.0	2.0	-
13	Copper (as Cu), mg/l, max.	3.0	3.0	-
14	Zinc (as Zn), mg/l, max.	5.0	15	-
15	Nickel (as Ni), mg/l, max	3.0	3.0	-
16	Cyanide (as CN), mg/l, max.	0.2	2.0	0.2
17	Chloride (as Cl), mg/l, max.	1000	1000	600
18	Fluoride (as F), mg/l, max	2.0	1.5	-
19	Phenolic compounds (as C_6H_5OH) mg/l, max.	1.0	5.0	-

Note : While discharging treated leachates into inland surface waters, quantity of leachates being discharged and the quantity of dilution water available in the receiving water body shall be given due consideration.

C. Standards for incineration: The Emission from incinerators /thermal technologies in Solid Waste treatment/disposal facility shall meet the following standards, namely:-

Parameter	**Emission standard**	
(1)	**(2)**	**(3)**
Particulates	50 mg/Nm^3	Standard refers to half hourly average value
HCl	50 mg/Nm^3	Standard refers to half hourly average value
SO2	200 mg/Nm^3	Standard refers to half hourly average value
CO	100 mg/Nm^3	Standard refers to half hourly average value
	50 mg/Nm^3	Standard refers to daily average value
Total Organic Carbon	20 mg/Nm^3	Standard refers to half hourly average value
HF	4 mg/Nm^3	Standard refers to half hourly average value
NOx (NO and NO2 expressed as NO2)	400 mg/Nm^3	Standard refers to half hourly average value
Total dioxins and furans	0.1 ng TEQ/Nm^3	Standard refers to 6-8 hours sampling. Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence.
Cd + Th + their compounds	0.05 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Hg and its compounds	0.05 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.

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Sb + As + Pb + Cr + Co + Cu + Mn + Ni + V + their compounds	0.5 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Note.- *All values corrected to 11% oxygen on a dry basis.*		

Note:

(a) Suitably designed pollution control devices shall be installed or retrofitted with the incinerator to achieve the above emission limits..

(b) Waste to be incinerated shall not be chemically treated with any chlorinated disinfectants.

(c) Incineration of chlorinated plastics shall be phased out within two years.

(d) if the concentation of toxic metals in incineration ash exceeds the limits specified in the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2008, as amended from time to time, the ash shall be sent to the hazardous waste treatment, storage and disposal fcaility.

(e) Only low sulphur fuel like LDO, LSHS, Diesel**,** bio-mass, coal, LNG, CNG, RDF and bio-gas shall be used as fuel in the incinerator.

(f) The CO2 concentration in tail gas shall not be more than 7%.

(g) All the facilities in twin chamber incinerators shall be designed to achieve a minimum temperature of 950^0C in secondary combustion chamber and with a gas residence time in secondary combustion chamber not less than 2 (two) seconds.

(h) Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, as to achieve total Organic Carbon (TOC) content in the slag and bottom ash less than 3%, or the loss on ignition is less than 5% of the dry weight.

(i) Odour from sites shall be managed as per guidelines of CPCB issued from time to time

FORM – I

[see rule 15 (y) 16 (1) (c), 21(3)]

Application for obtaining authorisation under solid waste management rules

for processing/recycling/treatment and disposal of solid waste

To,

The Member Secretary,

State Pollution Control Board or Pollution Control Committee,

of…....

Sir,

I/We hereby apply for authorisation under the Solid Waste Management Rules, 2016 for processing, recycling, treatment and disposal of solid waste.

1.	Name of the local body/agency appointed by them/ operator of facility	
2.	Correspondence address Telephone No. Fax No. ,e-mail:	

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3.	Nodal Officer & designation(Officer authorised by the local body or agency responsible for operation of processing/ treatment or disposal facility)	
4.	Authorisation required for setting up and operation of the facility (Please tick mark)	waste processing recycling treatment disposal at landfill
5.	Attach copies of the Documents Site clearance (local body) Proof of Environmental Clearance Consent for establishment Agreement between municipal authority and operating agency Investment on the project and expected return	
6.	**Processing/recycling/treatment of solid waste** (i) Total Quantity of waste to be processed per day Quantity of waste to be recycled Quantity of waste to be treated Quantity of waste to be disposed into landfill (ii)Utilisation programme for waste processed (Product utilisation) (iii)Methodology for disposal (attach details) Quantity of leachate Treatment technology for leachate (iv)Measures to be taken for prevention and control of environmental pollution (v)Measures to be taken for safety of workers working in the plant (vi)Details on solid waste processing/recycling/ treatment/disposal facility (to be attached)	
7.	**Disposal of solid waste** Number of sites identified Quantity of waste to be disposed per day Details of methodology or criteria followed for site selection (attach) Details of existing site under operation Methodology and operational details of landfilling Measures taken to check environmental pollution	
8	Any other information.	

Date: Signature:

Place: Designation

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Form- II

[see rule 16 (1) (e)]

Format for issue of authorisation

File No.: _____

Dated:_____

Authorisation No_____

To

Ref: Your application number _____dt. _____

The _____State Pollution Control Board/Pollution Control Committee after examining the proposal hereby authorises_____ having administrative office at _____to set up and operate waste processing/recycling/ treatment/disposal facility at_____

The authorisation is hereby granted to operate the facility for processing, recycling, treatment and disposal of solid waste.

The authorisation is subject to the terms and conditions stated below and such conditions as may be otherwise specified in these rules and the standards laid down in Schedules I and II under these rules.

The _____State Pollution Control Board/Pollution Control Committees of the UT may, at any time, revoke any of the conditions applicable under the authorisation and shall communicate the same in writing.

Any violation of the provision of the Solid Waste Management Rules, 2016will attract the penal provision of the Environment (Protection) Act, 1986 (29 of 1986).

(Member Secretary)

State Pollution Control Board/Pollution Control Committee of the UT

(Signature and designation)

Date:

Place:

Form – III

[see rule 19 (6), 24 (1)]

Format of annual report to be submitted by the operator of facility to the local body

1	Name of the City/Town and State	
2	Population	
3	Area in sq. kilometers	
4	Name & Address of the local body Telephone No. Fax No. E-mail:	
5	Name and address of operator of the facility	
6	Name of officer in-charge of the facility Phone No: Fax No: E-mail:	

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7	Number of households in the city/town , Number of non-residential premises in the city Number of election/ administrative wards in the city/town	
8	Quantity of Solid waste	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	/tpd
	Quantity of solid waste collected per day	/tpd
	Per capita waste collected per day	/gm/day
	Quantity of solid waste processed	/tpd
	Quantity of solid waste disposed at landfill	/tpd
9	Status of Solid Waste Management (SWM) service	
	Segregation and storage of waste at source Whether solid waste is stored at source in domestic/commercial/ institutional bins If yes, Percentage of households practice storage of waste at source in domestic bins Percentage of non-residential premises practice storage of waste at source in commercial /institutional bins Percentage of households dispose of throw solid waste on the streets Percentage of non-residential premises dispose of throw solid waste on the streets Whether solid waste is stored at source in a segregated form If yes, Percentage of premises segregating the waste at source	 Yes/No % % % % Yes/No %
	Door to Door Collection of solid waste	
	Whether door to door collection (D2D) of solid waste is being done in the city/town	Yes/No
	if yes	
	Number of wards covered in D2D collection of waste	
	No. of households covered	
	No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered	

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	Percentage of residential and non-residential premises covered in door to door collection through : Motorized vehicle Containerized tricycle/handcart Other device	% % %
	If not, method of primary collection adopted	
	Sweeping of streets	
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned	km
	Frequency of street sweepings and percentage of population covered	frequency: Daily / Alternate days / Twice a week / Occasionally % of population covered
	Tools used Manual sweeping Mechanical sweeping Whether long handle broom used by sanitation workers Whether each sanitation worker is given handcart/tricycle for collection of waste Whether handcart / tricycle is containerized Whether the collection tool synchronizes with collection/ waste storage containers utilized	% % Yes/No Yes/No Yes/No Yes/No
.	Secondary Waste Storage facilities	
	No. and type of waste storage depots in the city/town Open waste storage sites Masonry bins Cement concrete cylinder bins Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m^3 bins 2 to 5 m^3 bins Above 5m^3 containers Bin-less city	No. Capacity in m^3
	Bin/ population ratio	

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	Ward wise details of waste storage depots (attach) : Ward No: Area: Population: No. of bins placed Total volume of bins placed		
	Total storage capacity of waste storage facilities in cubic meters		
	Total waste actually stored at the waste storage depots daily		
	Give frequency of collection of waste from the depots Number of bins cleared	Frequency	No. of bins
		Daily	
		Alternate day	
		Twice a week	
		Once a week	
		Occasionally	
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes/ No (if yes, add details) No. of green bins: No. of blue bins: No. of black bins:	
	Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage	(%) of Manual Lifting of SOLID WASTE	%
		(%) of Mechanical lifting	%
	If mechanical – specify the method used	front-end loaders/ Top loaders	
	Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes/ No (if yes, specify)	

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	Waste Transportation per day Type and Number of vehicles used (pl tick or add)	No. Trips made waste transported
	Animal cart Tractors Non tipping Truck Tipping Truck Dumper Placers Refuse collectors Compactors Others JCB/loader	
	Frequency of transportation of waste	Frequency (%) of waste transported Daily Alternate day Twice a week Once a week Occasionally
	Quantity of waste transported each day	/tpd
	Percentage of total waste transported daily	%
	Waste Treatment Technologies used Whether solid waste is processed	Yes/No
	If yes, Quantity of waste processed daily Land(s) available with the local body for waste processing (in Hectares)	/tpd
	Land currently utilized for waste processing	
	Solid waste processing facilities in operation	
	Solid waste processing facilities under construction Distance of processing facilities from city/town boundary	
	Details of technologies adopted	

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	Composting ,	Qty. raw material processed Qty. final product produced Qty. sold Qty. of residual waste landfilled
	vermi composting	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Bio-methanation	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Refuse Derived Fuel	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Co-processing	Qty. raw material processed
	Combustible waste supplied to cement plant	
	Combustible waste supplied to solid waste based power plants	
	Others	Qty.
	Solid waste disposal facilities	
	No. of dumpsites sites available with the local body	
	No. of sanitary landfill sites available with the local body Area of each such sites available for waste disposal	
	Area of land currently used for waste disposal	
	Distance of dumpsite/landfill facility from city/town	kms
	Distance from the nearest habitation	kms
	Distance from water body	kms

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	Distance from state/national highway	kms
	Distance from Airport	kms
	Distance from important religious places or historical monument	kms
	Whether it falls in flood prone area	Yes/No
	Whether it falls in earthquake fault line area	Yes/No
	Quantity of waste landfilled each day	tpd
	Whether landfill site is fenced	Yes / No
	Whether Lighting facility is available on site Whether Weigh bridge facility available	Yes / No Yes / No
	Vehicles and equipments used at landfill (specify) Manpower deployed at landfill site	Bulldozer, Compacters etc. available Yes/No (if yes, attach details)
	Whether covering is done on daily basis	Yes/No
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	
	Whether adequate covering material is available	Yes/No
	Provisions for gas venting provided	Yes/No, (if yes, attach technical data sheet)
10	Provision for leachate collection Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes/No, (if yes, attach technical data sheet) Yes/No (if Yes attach Action Plan details)
11	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals, Steps taken, Yes/No Yes/No Yes/No
12	Details of Post Closure Plan	Attach Plan
13	How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes/ No (if Yes, attach details)
14	Give details of manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	

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15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	
16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies.	

Signature of Operator

Dated :

Place:

Form – IV

[see rules 15(za), 24(2)]

Format for annual report on solid waste management to be submitted by the local body

CALENDAR YEAR:	**DATE OF SUBMISSION OF REPORT:**

1	Name of the City/Town and State	
2	Population	
3	Area in sq. kilometers	
4	Name & Address of local body Telephone No. Fax No. E-mail:	
5	Name of officer in-charge dealing with solid waste management (SOLID WASTEM)Phone No: Fax No: E-mail:	
6	Number of households in the city/town Number of non-residential premises in the city Number of election/ administrative wards in the city/town	
7	Quantity of Solid waste (solid waste)	
	Estimated Quantity of solid waste generated in the local body area per day in metric tones	/tpd
	Quantity of solid waste collected per day	/tpd

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	Per capita waste collected per day	/gm/day
	Quantity of solid waste processed	/tpd
	Quantity of solid waste disposed at dumpsite/ landfill	/tpd
8	Status of Solid Waste Management service	
	Segregation and storage of waste at source Whether SOLID WASTE is stored at source in domestic/commercial/ institutional bins, If yes, Percentage of households practice storage of waste at source in domestic bins Percentage of non-residential premises practice storage of waste at source in commercial /institutional bins Percentage of households dispose or throw solid waste on the streets Percentage of non-residential premises dispose of throw solid waste on the streets Whether solid waste is stored at source in a segregated form, If yes, Percentage of premises segregating the waste at source	 Yes/No % % % % Yes/No %
	Door to Door Collection of solid waste	
	Whether door to door collection (D2D) of solid waste is being done in the city/town	Yes/No
	if yes	
	Number of wards covered in D2D collection of waste	
	No. of households covered	
	No. of non-residential premises including commercial establishments ,hotels, restaurants educational institutions/ offices etc covered	
	Percentage of residential and non-residential premises covered in door to door collection through : Motorized vehicle Containerized tricycle/handcart Other device	 % % %
	If not, method of primary collection adopted	
	Sweeping of streets	
	Length of roads, streets, lanes, bye-lanes in the city that need to be cleaned	km

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Location: NTPC LTD.

	Frequency of street sweepings and percentage of population covered	frequency	Daily	Alternate days	Twice a week	Occasionally
		% of population covered				
	Tools used					
	Manual sweeping			%		
	Mechanical sweeping			%		
	Whether long handle broom used by sanitation workers			Yes/No		
	Whether each sanitation worker is given handcart/tricycle for collection of waste			Yes/No		
	Whether handcart / tricycle is containerized			Yes/No		
	Whether the collection tool synchronizes with collection/ waste storage containers utilized			Yes/No		
.	Secondary Waste Storage facilities					
	No. and type of waste storage depots in the city/town Open waste storage sites Masonry bins Cement concrete cylinder bins Dhalao/covered rooms/space Covered metal/plastic containers Upto 1.1 m3 bins 2 to 5 m3 bins Above 5m3 containers Bin-less city	No. Capacity in m^3				
	Bin/ population ratio Ward wise details of waste storage depots (attach) : Ward No: Area: Population: No. of bins placed Total volume of bins placed					
	Total storage capacity of waste storage facilities in cubic meters					
	Total waste actually stored at the waste storage depots daily					

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	Give frequency of collection of waste from the depots Number of bins cleared	Frequency	No. of bins
		Daily Alternate day Twice a week Once a week	
		Occasionally	
	Whether storage depots have facility for storage of segregated waste in green, blue and black bins	Yes/ No (if yes, add details) No. of green bins: No. of blue bins: No. of black bins:	
	Whether lifting of solid waste from storage depots is manual or mechanical. Give percentage (%) of Manual Lifting of solid waste (%) of Mechanical lifting	% %	
	If mechanical – specify the method used	front-end loaders/ Top loaders	
	Whether solid waste is lifted from door to door and transported to treatment plant directly in a segregated form	Yes/ No (if yes, specify)	
	Waste transportation per day Type and Number of vehicles used	No. Trips made waste transported	
	Animal cart Tractors Non tipping Truck Tipping Truck Dumper Placers Refuse collectors Compactors Others JCB/loader		

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	Frequency of transportation of waste	Frequency (%) of waste transported Daily Alternate day Twice a week Once a week Occasionally
	Quantity of waste transported each day	/tpd
	Percentage of total waste transported daily	%
	Waste Treatment Technologies used	
	Whether solid waste is processed	Yes/No
	If yes, Quantity of waste processed daily	/tpd
	Whether treatment is done by local body or through an agency	
	Land(s) available with the local body for waste processing (in Hectares)	
	Land currently utilized for waste processing	
	Solid waste processing facilities in operation	
	Solid waste processing facilities under construction	
	Distance of processing facilities from city/town boundary	
	Details of technologies adopted	
	Composting ,	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Vermi composting	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Bio-methanation	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled

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	Refuse Derived Fuel	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Waste to Energy technology such as incineration, gasification, pyrolysis or any other technology (give detail)	Qty. raw material processed Qty. final product produced Qty. sold Quantity of residual waste landfilled
	Co-processing	Qty. raw material processed
	Combustible waste supplied to cement plant	
	Combustible waste supplied to solid waste based power plants	
	Others	Qty.
	Solid waste disposal facilities	
	No. of dumpsites sites available with the local body No. of sanitary landfill sites available with the local body	
	Area of each such sites available for waste disposal	
	Area of land currently used for waste disposal	
	Distance of dumpsite/landfill facility from city/town	kms
	Distance from the nearest habitation	kms
	Distance from water body	kms
	Distance from state/national highway	kms
	Distance from Airport	kms
	Distance from important religious places or historical monument	kms
	Whether it falls in flood prone area	Yes/No
	Whether it falls in earthquake fault line area	Yes/No
	Quantity of waste landfilled each day	tpd
	Whether landfill site is fenced	Yes / No
	Whether Lighting facility is available on site	Yes / No

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	Whether Weigh bridge facility available	Yes / No
	Vehicles and equipments used at landfill (specify)	Bulldozer, Compacters etc. available
	Manpower deployed at landfill site	Yes/No (if yes, attach details)
	Whether covering is done on daily basis	Yes/No
	If not, Frequency of covering the waste deposited at the landfill	
	Cover material used	
	Whether adequate covering material is available	Yes/No
	Provisions for gas venting provided	Yes/No (if yes, attach technical data sheet)
	Provision for leachate collection	Yes/No (if yes, attach technical data sheet)
9	Whether an Action Plan has been prepared for improving solid waste management practices in the city	Yes/No (if Yes attach Action Plan details)
10	What separate provisions are made for : Dairy related activities : Slaughter houses waste : C&D waste (construction debris) :	Attach details on Proposals,Steps taken, Yes/No Yes/No Yes/No
11	Details of Post Closure Plan	Attach Plan
12	How many slums are identified and whether these are provided with Solid Waste Management facilities :	Yes/ No (if Yes, attach details)
13	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	
14	Give details of: Contractor/ concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste	
15	Mention briefly, the difficulties being experienced by the local body in complying with provisions of these rules	

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16	Mention briefly, if any innovative idea is implemented to tackle a problem related to solid waste, which could be replicated by other local bodies	

Signature of CEO/Municipal Commissioner/

Executive Officer/Chief Officer

Date:

Place:

Form – V

[see rule 24(3)]

Format of annual report to be submitted by the state pollution control board or pollution control committee committees to the central pollution control board

PART A

To,

The Chairman

Central Pollution Control Board

Parivesh Bhawan, East Arjun Nagar

DELHI- 110 0032

1.	Name of the State/Union territory	:	
2.	Name & address of the State Pollution Control	:	
3.	Number of local bodies responsible for management of solid waste in the State/Union territory under these rules	:	
4.	No. of authorisation application Received	:	
5.	A Summary Statement on progress made by local body in respect of solid waste management	:	Please attach as Annexure-I
6.	A Summary Statement on progress made by local bodies in respect of waste collection, segregation, transportation and disposal	:	Please attach as Annexure-II
7.	A summary statement on progress made by local bodies in respect of implementation of Schedule II	:	Please attach as Annexure-III

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Date: …… Place: ……..	Chairman or the Member Secretary State Pollution Control Board/ Pollution Control Committee

PART B

Towns/cities

Total number of towns/cities

Total number of ULBs

Number of class I & class II cities/towns

Authorisation status (names/number)

Number of applications received

Number of authorisations granted

Authorisations under scrutiny

SOLID WASTE Generation status

Solid waste generation in the state (TPD)

collected

treated

landfilled

Compliance to Schedule I of SW Rules (Number/names of towns/capacity)

Good practices in cities/towns

House-to-house collection

Segregation

Storage

Covered transportation

Processing of SW (Number/names of towns/capacity)

Solid Waste processing facilities setup:

Sl. No.	Composting	Vermi-composting	Biogas	RDF/Pelletization

Processing facility operational:

Sl. No.	Composting	Vermi-composting	Biogas	RDF/Pelletization

Processing facility under installation/planned:

Sl. No.	Composting	Vermi-composting	Biogas	RDF/Pelletisation

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Waste-to-Energy Plants: (Number/names of towns/capacity)

Sl. No.	Plant Location	Status of operation	Power generation (MW)	Remarks

Disposal of solid waste (number/names of towns/capacity):

Landfill sites identified

Landfill constructed

Landfill under construction

Landfill in operation

Landfill exhausted

Landfilled capped

Solid Waste Dumpsites (number/names of towns/capacity):

Total number of existing dumpsites

Dumpsites reclaimed/capped

Dumpsites converted to sanitary landfill

Monitoring at Waste processing/Landfills sites

Sl. No.	Name of facilities	Ambient air	Groundwater	Leachate quality	Compost quality	VOCs
1.						
2.						
3.						

Status of Action Plan prepared by Municipalities

Total number of municipalities:

Number of Action Plan submitted:

Form – VI

[see rule 25]

Accident Reporting

1.	Date and time of accident	:	
2.	Sequence of events leading to accident	:	
3.	The waste involved in accident	:	

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4.	Assessment of the effects of the accidents on human health and the environment	:	
5.	Emergency measures taken	:	
6.	Steps taken to alleviate the effects of accidents	:	
7.	Steps taken to prevent the recurrence of such an accident	:	
Date: ……		Signature:……..……	
Place: ……		Designation: ……	

[F. No. 18-3/2004-HSMD]

BISHWANATH SINHA, Jt. Secy.

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Annexure-M

BIHAR STATE POLLUTION CONTROL BOARD

Parivesh Bhawan, Patliputra Industrial Area, P.O.-Sadakat Ashram, Patna–800010
EPABX–0612-2261250/2262265, Fax–0612-2261050

Ref. No. 502 Patna, dated- 21.2.23

From,
S. Chandrasekar, IFS,
Member Secretary.

To,
The Head of the Project,
M/s Barauni Thermal Power Station,
NTPC Limited, Barauni,
Dist-Begusarai-85116

Sub:-**Environmental management at Barauni Thermal Power Station, NTPC Limited, Barauni, Dist-Begusarai.**

Sir,

With reference to the subject noted above, it is to inform that BTPS was inspected by the Board's officials on 10.02.2023. In view of the observations and recommendations of inspecting team, you are directed to:-

1. Ensure that excavation, loading, unloading and storage of ash are done in environmentally sound manner with all precautions to prevent air pollution such as regular water sprinkling and transportation of ash in covered vehicles and shall submit the status in the prescribed format as per MoEF&CC, Govt. of India notification no. 5181(E), dated-31.12.2021.
2. Use regularly anti smog gun/truck mounted mist cannon for control of fugitive emission/air pollution in plant premises as well as near ash dykes/lagoons.
3. Regularly discharge/sprinkle water on the surface of ash dyke on the other end of lifting/excavation point to avoid fugitive emission/ air pollution.
4. Provide water jacketing sprinkling facility all around the ash dyke for control of fugitive dust emission.
5. Install adequate no. of CCTV Camera at different locations of ash dyke to monitor the activities involve in ash lifting and transportation with cover vehicles.
6. Ensure installation of adequate no. of lighting mast in around ash dyke area.
7. Ensure the plantation in accordance with EC condition.

Yours faithfully,

21/2/23

(S. Chandrasekar)
Member Secretary.

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Location: NTPC LTD.

ANNEXURE-1

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	Unchahar 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 Dadrithermal	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	Faridabad Gas Power Project	30,70,536	15,35,300
10	Korba Super Thermal Power Proj	6,74,87,816	3,37,43,900
11	Vindhyachal Super Thermal Powe	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	37,63,661	18,81,800
15	Farakka Super Thermal Power Pr	6,28,10,342	3,14,05,200
16	Kahalgaon Super Thermal Power	6,22,08,912	3,11,04,500
17	Talcher Super Thermal Power Pr	7,89,64,647	3,94,82,300
18	Talcher Tps	50,78,899	25,39,400
19	Barh Thermal Power Plant	1,48,46,724	74,23,400
20	Ramagundam Super Thermal Power	10,25,17,464	5,12,58,700
21	Simhadri Thermal Power Project	4,16,22,169	2,08,11,100
22	Koldam Hydro Project	15,54,098	7,77,000
23	Bongaigaon	27,66,976	13,83,500
24	Mauda	3,18,44,957	1,59,22,500
25	Solapur STPP	1,35,15,046	67,57,500
26	Kudgi 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	Darlipalli	2,79,151	1,39,600
30	Khargone	6,35,800	3,17,900
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
(Partner)
Membership No. 17590

CMA Tanmaya S. Pradhan
(Partner)
M.No. 17590

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Location: NTPC LTD.

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	Singrauli Super Thermal Power Station	9,25,15,000	4,62,57,500
2	Rihand Superthermal Power Project- Stage 1	5,74,34,400	2,87,17,200
3	Rihand Superthermal Power Project- Stage 2	5,74,34,400	2,87,17,200
4	Rihand Superthermal Power Project- Stage 3	5,74,34,400	2,87,17,200
5	Unchahar Super Thermal Power Project- Stage 1	1,34,20,003	67,10,001
6	Unchahar Super Thermal Power Project- Stage 2	1,34,20,003	67,10,001
7	Unchahar Super Thermal Power Project- Stage 3	67,10,001	33,55,001
8	Unchahar Super Thermal Power Project- Stage 4	1,59,76,194	79,88,097
9	Tanda Thermal Power Project- Stage 1	43,01,840	21,50,920
10	Tanda Thermal Power Project- Stage 2	64,52,760	32,26,380
11	National Capital Dadri thermal- Stage 1	3,40,87,292	1,70,43,646
12	National Capital Dadri thermal- Stage 2	3,97,68,508	1,98,84,254
13	Auraiya Gas Power Project	64,19,200	32,09,600
14	Anta Gas Power Project	34,76,400	17,38,200
15	Dadri Gas Power Project	11,87,800	5,93,900
16	Faridabad Gas Power Project	21,35,800	10,67,900
17	Korba Super Thermal Power Project- Stage 1 & 2	9,14,44,015	4,57,22,008
18	Korba Super Thermal Power Project- Stage 3	2,17,72,385	1,08,86,192
19	Vindhyachal Super Thermal Power Project- Stage 1	4,76,95,182	2,38,47,591
20	Vindhyachal Super Thermal Power Project- Stage 2	3,78,53,319	1,89,26,660
21	Vindhyachal Super Thermal Power Project- Stage 3	3,78,53,319	1,89,26,660
22	Vindhyachal Super Thermal Power Project- Stage 4	3,78,53,319	1,89,26,660
23	Vindhyachal Super Thermal Power Project- Stage 5	1,89,26,660	94,63,330
24	Sipat Super Thermal Power Project- Stage 2	79,70,872	39,85,436
25	Sipat Super Thermal Power Project- Stage 1	1,57,82,328	78,91,164
26	Kawasgas Power Project	49,60,400	24,80,200
27	Gandhargas Power Project	31,29,800	15,64,900
28	Farakka Super Thermal Power Project- Stage 1 & 2	5,80,53,638	2,90,26,819
29	Farakka Super Thermal Power Project- Stage 3	1,81,41,762	90,70,881
30	Kahalgaon Super Thermal Power- Stage 1	96,95,036	48,47,518
31	Kahalgaon Super Thermal Power Station- Stage 2	1,73,12,564	86,56,282
32	Talcher Super Thermal Power Project- Stage 1	1,40,80,467	70,40,233
33	Talcher Super Thermal Power Project- Stage 2	2,81,60,933	1,40,80,467
34	Talcher Tps	70,69,200	35,34,600
35	Barh Thermal Power Plant- Stage 2	1,61,00,800	80,50,400
36	Ramagundam Super Thermal Power- Stage 1 & 2	6,03,47,700	3,01,73,850
37	Ramagundam Super Thermal Power- Stage 3	1,43,68,500	71,84,250
38	Simhadri Thermal Power Project- Stage 1	3,93,80,400	1,96,90,200
39	Simhadri Thermal Power Project- Stage 2	3,93,80,400	1,96,90,200
40	Koldam Hydro Project	10,93,200	5,46,600
41	Bongaigaon	1,37,83,200	68,91,600
42	Mauda	1,18,21,638	59,10,819
43	Mauda- Stage 2	1,56,04,562	78,02,281
44	Solapur STPP	1,36,52,400	68,26,200
45	Kudgi STPP	60,87,800	30,43,900
46	Lara STPP	62,24,800	31,12,400
47	Gadarwara Super Th Power Plant	1,07,29,600	53,64,800
48	Darlipalli	55,00,200	27,50,100
49	Khargone	78,86,800	39,43,400
50	Barauni Thermal Power Station- Stage 1	16,91,800	8,45,900
51	Barauni Thermal Power Station- Stage 2	38,45,000	19,22,500
	Total	**1,15,74,28,000**	**57,87,14,000**

For Management (NTPC)

Thota Vinod Kumar
AGM (Finance Commercial)

For R.M. Bansal
Cost Accountants
FRN- 000022

R.M. Bansal & Co. FRN 000022 Cost Accountants

Shri R.M. Bansal
(Partner)
M.No. 3323

UDIN21053223Z2ISR7VKJW7
Date_03-12-21

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Location: NTPC LTD.

NTPC Ltd.

Non- Tariff Income to be shared with Beneficiary for the year 2021-22

Amount in ₹

S.No.	Station Name	Net Non- Tariff Income to be considered for Sharing	Non- tariff Income to be shared (50%)
1	Singrauli Super Thermal Power Station	11,18,44,600	5,59,22,300
2	Rihand Superthermal Power Project- Stage 1	4,50,25,800	2,25,12,900
3	Rihand Superthermal Power Project- Stage 2	4,50,25,600	2,25,12,800
4	Rihand Superthermal Power Project- Stage 3	4,50,25,600	2,25,12,800
5	Unchahar Super Thermal Power Project- Stage 1	1,92,11,400	96,05,700
6	Unchahar Super Thermal Power Project- Stage 2	1,92,11,600	96,05,800
7	Unchahar Super Thermal Power Project- Stage 3	96,05,800	48,02,900
8	Unchahar Super Thermal Power Project- Stage 4	2,28,71,000	1,14,35,500
9	Tanda Thermal Power Project- Stage 1	84,17,000	42,08,500
10	Tanda Thermal Power Project- Stage 2	2,21,03,400	1,10,51,700
11	National Capital Dadri thermal- Stage 1	57,01,200	28,50,600
12	National Capital Dadri thermal- Stage 2	2,55,13,400	1,27,56,700
13	Auraiya Gas Power Project	61,54,800	30,77,400
14	Anta Gas Power Project	68,72,400	34,36,200
15	Dadri Gas Power Project	11,55,400	5,77,700
16	Faridabad Gas Power Project	29,18,400	14,59,200
17	Korba Super Thermal Power Project- Stage 1 & 2	11,87,75,200	5,93,87,600
18	Korba Super Thermal Power Project- Stage 3	2,82,79,800	1,41,39,900
19	Vindhyachal Super Thermal Power Project- Stage 1	4,54,69,000	2,27,34,500
20	Vindhyachal Super Thermal Power Project- Stage 2	3,60,86,600	1,80,43,300
21	Vindhyachal Super Thermal Power Project- Stage 3	3,60,86,600	1,80,43,300
22	Vindhyachal Super Thermal Power Project- Stage 4	3,60,86,600	1,80,43,300
23	Vindhyachal Super Thermal Power Project- Stage 5	1,80,43,200	90,21,600
24	Sipat Super Thermal Power Project- Stage 2	1,40,72,800	70,36,400
25	Sipat Super Thermal Power Project- Stage 1	2,78,64,400	1,39,32,200
26	Kawasgas Power Project	47,13,800	23,56,900
27	Gandhargas Power Project	77,01,000	38,50,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	3,28,32,600	1,64,16,300
29	Farakka Super Thermal Power Project- Stage 3	1,02,60,200	51,30,100
30	Kahalgaon Super Thermal Power- Stage 1	2,10,90,600	1,05,45,300
31	Kahalgaon Super Thermal Power Station- Stage 2	3,76,62,000	1,88,31,000
32	Talcher Super Thermal Power Project- Stage 1	2,79,63,800	1,39,81,900
33	Talcher Super Thermal Power Project- Stage 2	5,59,27,400	2,79,63,700
34	Barh Thermal Power Plant- Stage 1	72,95,000	36,47,500
35	Barh Thermal Power Plant- Stage 2	3,80,38,600	1,90,19,300
36	Ramagundam Super Thermal Power- Stage 1 & 2	9,06,49,400	4,53,24,700
37	Ramagundam Super Thermal Power- Stage 3	2,15,83,200	1,07,91,600
38	Simhadri Thermal Power Project- Stage 1	3,46,84,000	1,73,42,000
39	Simhadri Thermal Power Project- Stage 2	3,46,84,000	1,73,42,000
40	Koldam Hydro Project	27,14,600	13,57,300
41	Bongaigaon	66,83,200	33,41,600
42	Mauda	98,34,200	49,17,100
43	Mauda- Stage 2	1,29,81,000	64,90,500
44	Solapur STPP	2,45,76,400	1,22,88,200
45	Kudgi STPP	73,77,800	36,88,900
46	Lara STPP	1,40,40,000	70,20,000
47	Gadarwara Super Th Power Plant	1,03,03,000	51,51,500
48	Darlipalli	2,38,38,000	1,19,19,000
49	Khargone	1,06,69,800	53,34,900
50	Barauni Thermal Power Station- Stage 1	56,17,800	28,08,900
51	Barauni Thermal Power Station- Stage 2	1,80,49,800	90,24,900
	Total	1,32,91,92,800	66,45,96,400

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

For R.M. Bansal
Cost Accountants
FRN 000022

R.M. Bansal & Co. FRN 000022 Cost Accountants

Shri R.M. Bansal
(Partner)
Membership No. 3323

UDIN 22033223ZZDH3W0[illegible]
Date - 07-06-2[illegible]

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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	Singrauli Super Thermal Power Station	4,37,94,600	2,18,97,300
2	Rihand Superthermal Power Project- Stage 1	8,10,26,600	4,05,13,300
3	Rihand Superthermal Power Project- Stage 2	8,10,26,400	4,05,13,200
4	Rihand Superthermal Power Project- Stage 3	8,10,26,400	4,05,13,200
5	Unchahar Super Thermal Power Project- Stage 1	56,58,600	28,29,300
6	Unchahar Super Thermal Power Project- Stage 2	56,58,600	28,29,300
7	Unchahar Super Thermal Power Project- Stage 3	28,29,400	14,14,700
8	Unchahar Super Thermal Power Project- Stage 4	67,36,400	33,68,200
9	Tanda Thermal Power Project- Stage 1	41,25,200	20,62,600
10	Tanda Thermal Power Project- Stage 2	1,23,75,800	61,87,900
11	National Capital Dadri thermal- Stage 1	14,31,94,600	7,15,97,300
12	National Capital Dadri thermal- Stage 2	16,70,60,400	8,35,30,200
13	Auraiya Gas Power Project	32,34,200	16,17,100
14	Anta Gas Power Project	56,49,000	28,24,500
15	Dadri Gas Power Project	9,89,800	4,94,900
16	Faridabad Gas Power Project	25,66,400	12,83,200
17	Korba Super Thermal Power Project- Stage 1 & 2	9,95,17,600	4,97,58,800
18	Korba Super Thermal Power Project- Stage 3	2,36,94,600	1,18,47,300
19	Vindhyachal Super Thermal Power Project- Stage 1	4,18,19,600	2,09,09,800
20	Vindhyachal Super Thermal Power Project- Stage 2	3,31,90,400	1,65,95,200
21	Vindhyachal Super Thermal Power Project- Stage 3	3,31,90,400	1,65,95,200
22	Vindhyachal Super Thermal Power Project- Stage 4	3,31,90,400	1,65,95,200
23	Vindhyachal Super Thermal Power Project- Stage 5	1,65,95,200	82,97,600
24	Sipat Super Thermal Power Project- Stage 2	6,76,15,400	3,38,07,700
25	Sipat Super Thermal Power Project- Stage 1	13,38,78,600	6,69,39,300
26	Kawasgas Power Project	43,10,200	21,55,100
27	Gandhargas Power Project	11,39,000	5,69,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	3,78,23,800	1,89,11,900
29	Farakka Super Thermal Power Project- Stage 3	1,18,20,000	59,10,000
30	Kahalgaon Super Thermal Power- Stage 1	3,91,41,600	1,95,70,800
31	Kahalgaon Super Thermal Power Station- Stage 2	6,98,95,800	3,49,47,900
32	Talcher Super Thermal Power Project- Stage 1	8,41,67,200	4,20,83,600
33	Talcher Super Thermal Power Project- Stage 2	16,83,34,400	8,41,67,200
34	Barh Thermal Power Plant- Stage 1	63,50,600	31,75,300
35	Barh Thermal Power Plant- Stage 2	1,27,01,200	63,50,600
36	Ramagundam Super Thermal Power- Stage 1 & 2	8,37,34,400	4,18,67,200
37	Ramagundam Super Thermal Power- Stage 3	1,99,36,800	99,68,400
38	Simhadri Thermal Power Project- Stage 1	1,64,29,600	82,14,800
39	Simhadri Thermal Power Project- Stage 2	1,64,29,600	82,14,800
40	Koldam Hydro Project	10,94,800	5,47,400
41	Bongaigaon	1,22,73,000	61,36,500
42	Mauda	2,06,96,800	1,03,48,400
43	Mauda- Stage 2	2,73,19,800	1,36,59,900
44	Solapur STPP	1,50,01,400	75,00,700
45	Kudgi STPP	1,40,90,000	70,45,000
46	Lara STPP	2,28,88,600	1,14,44,300
47	Gadarwara Super Th Power Plant	2,19,91,000	1,09,95,500
48	Darlipalli	59,85,200	29,92,600
49	Khargone	27,03,000	13,51,500
50	Barauni Thermal Power Station- Stage 1	16,87,200	8,43,600
51	Barauni Thermal Power Station- Stage 2	76,69,400	38,34,700
52	Nabinagar Super Thermal Power Station-Stage 1	5,90,19,400	2,95,09,700
53	Muzaffarpur TPS (Kanti) -Stage 2	28,39,600	14,19,800
		1,91,71,18,000	**95,85,59,000**

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

For R.J. Goel & Co.,
Cost Accountants

R. J. GOEL & CO. DELHI COST ACCOUNTANTS

(Hari Krishan Goel)
Partner
Membership No. 14256

02-06-2023

UDIN: **2314256ZZ56BFOHJSM**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

S. DHAL & CO.
COST ACCOUNTANTS

NTPC Limited

Non-tariff income to be shared with beneficiaries for the year 2023-24

(Amount in Rs.)

Sl No.	Station Name	Net Non-tariff income to be considered for sharing	Non-tariff income to be shared (50%)
1	Singrauli Super Thermal Power Station	25,64,04,400	12,82,02,200
2	Rihand Superthermal Power Project- Stage 1	6,32,12,600	3,16,06,300
3	Rihand Superthermal Power Project- Stage 2	6,32,12,800	3,16,06,400
4	Rihand Superthermal Power Project- Stage 3	6,32,12,600	3,16,06,300
5	Unchahar Super Thermal Power Project- Stage 1	1,13,29,000	56,64,500
6	Unchahar Super Thermal Power Project- Stage 2	1,13,29,000	56,64,500
7	Unchahar Super Thermal Power Project- Stage 3	56,64,600	28,32,300
8	Unchahar Super Thermal Power Project- Stage 4	1,34,87,000	67,43,500
9	Tanda Thermal Power Project- Stage 1	1,13,93,600	56,96,800
10	Tanda Thermal Power Project- Stage 2	3,41,80,600	1,70,90,300
11	National Capital Dadri thermal- Stage 1	8,89,64,800	4,44,82,400
12	National Capital Dadri thermal- Stage 2	10,37,92,600	5,18,96,300
13	Auraiya Gas Power Project	15,60,600	7,80,300
14	Anta Gas Power Project	15,59,000	7,79,500
15	Dadri Gas Power Project	6,11,400	3,05,700
16	Faridabad Gas Power Project	54,37,200	27,18,600
17	Korba Super Thermal Power Project- Stage 1 & 2	16,04,42,400	8,02,21,200
18	Korba Super Thermal Power Project- Stage 3	3,82,00,600	1,91,00,300
19	Vindhyachal Super Thermal Power Project- Stage 1	3,31,80,800	1,65,90,400
20	Vindhyachal Super Thermal Power Project- Stage 2	2,63,34,000	1,31,67,000
21	Vindhyachal Super Thermal Power Project- Stage 3	2,63,34,000	1,31,67,000
22	Vindhyachal Super Thermal Power Project- Stage 4	2,63,34,000	1,31,67,000
23	Vindhyachal Super Thermal Power Project- Stage 5	1,31,67,000	65,83,500
24	Sipat Super Thermal Power Project- Stage 2	4,76,49,600	2,38,24,800
25	Sipat Super Thermal Power Project- Stage 1	9,43,46,000	4,71,73,000
26	Kawasgas Power Project	41,55,200	20,77,600
27	Gandhargas Power Project	65,43,000	32,71,500
28	Farakka Super Thermal Power Project- Stage 1 & 2	5,83,48,200	2,91,74,100
29	Farakka Super Thermal Power Project- Stage 3	1,82,33,800	91,16,900
30	Kahalgaon Super Thermal Power- Stage 1	3,65,40,400	1,82,70,200
31	Kahalgaon Super Thermal Power Station- Stage 2	6,52,50,600	3,26,25,300
32	Talcher Super Thermal Power Project- Stage 1	4,90,71,000	2,45,35,500
33	Talcher Super Thermal Power Project- Stage 2	9,81,42,200	4,90,71,100
34	Barh Thermal Power Plant- Stage 1	1,34,12,400	67,06,200
35	Barh Thermal Power Plant- Stage 2	1,60,95,000	80,47,500
36	North Karanpura STPS	1,83,41,200	91,70,600
37	Ramagundam Super Thermal Power- Stage 1 & 2	13,53,93,200	6,76,96,600
38	Ramagundam Super Thermal Power- Stage 3	3,22,36,400	1,61,18,200
39	Simhadri Thermal Power Project- Stage 1	1,76,31,400	88,15,700
40	Simhadri Thermal Power Project- Stage 2	1,76,31,400	88,15,700
41	Koldam Hydro Project	19,81,000	9,90,500
42	Bongaigaon	3,12,54,000	1,56,27,000
43	Mauda	1,29,51,400	64,75,700
44	Mauda- Stage 2	1,70,96,000	85,48,000
45	Solapur STPP	1,84,92,800	92,46,400
46	Kudgi STPP	5,41,77,800	2,70,88,900
47	Lara STPP	4,88,51,000	2,44,25,500
48	Gadarwara Super Th Power Plant	1,58,01,400	79,00,700
49	Darlipalli	2,40,40,000	1,20,20,000
50	Khargone	1,24,11,000	62,05,500
51	Barauni Thermal Power Station- Stage 1	93,82,000	46,91,000
52	Barauni Thermal Power Station- Stage 2	4,26,45,200	2,13,22,600
53	Nabinagar Super Thermal Power Station-Stage 1	2,05,53,600	1,02,76,800
54	Muzaffarpur TPS (Kanti) -Stage 2	64,30,800	32,15,400
		2,10,44,33,600	**1,05,22,16,800**

For
Management (NTPC)

Thota Vinod Kumar
GM (Finance Commercial)

For S. Dhal & Co.,
Cost Accountants

Sailabala Dhal

(Sailabala Dhal)
Partner
Membership No. 22835

S DHAL & CO. FRN-000197 BHUBANESWAR COST ACCOUNTANTS

UDIN - 24228357Z2V33V8100

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Bhubaneswar | Kolkata | Bangalore | Mumbai | Ghaziabad

ANNEXURE-2

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Barauni Stage-II

S. No.	Month	Unit	Aug-21				Sep-21				Oct-21			
			Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported
A)	OPENING QUANTITY													
1	Opening Quantity of Coal	(MT)	87799.04	52.66	0.00	0.00	20201.91	809.77	0.00	0.00	3954.76	438.48	0.00	0.00
2	Value of Stock	(Rs.)	317967667.23	221710.26	0.00	0.00	73051138.13	3797851.56	0.00	0.00	14366186.28	1778260.47	0.00	0.00
B)	QUANTITY													
3	Quantity of Coal supplied by Coal Company	(MT)	26379.91	19326.73	0.00	0.00	28902.77	56127.73	0.00	0.00	67695.88	49211.01	0.00	0.00
4	Adjustment (+/) in quantity supplied made by Coal Company	(MT)	-582.66	0.00	0.00	0.00	-1252.72	0.00	0.00	0.00	-2709.62	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	25797.25	19326.73	0.00	0.00	27650.05	56127.73	0.00	0.00	64986.26	49211.01	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	206.38	154.61	0.00	0.00	221.20	449.02	0.00	0.00	519.89	393.69	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	25590.87	19172.12	0.00	0.00	27428.85	55678.71	0.00	0.00	64466.37	48817.32	0.00	0.00
C)	PRICE													
8	Amount charged by the Coal Company	(Rs.)	65325698.00	64122936.00	0.00	0.00	71525621.00	158103038.00	0.00	0.00	168493425.00	128923492.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-1442577.89	4106750.74	0.00	0.00	-3102008.79	11377427.60	0.00	0.00	-6761640.06	-13552731.26	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	2748801.66	2059341.50	0.00	0.00	2809631.38	5703361.53	0.00	0.00	8936390.40	6767104.27	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	66631921.77	70289028.23	0.00	0.00	71233243.59	175183827.13	0.00	0.00	170668175.34	122137865.00	0.00	0.00
D)	TRANSPORATION													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		24501275.00	18962564.08	0.00	0.00	27751409.00	48099912.47	0.00	0.00	64651124.00	49475311.00	0.00	0.00
	By Road		893268.26	669216.85	0.00	0.00	957424.22	1943506.37	0.00	0.00	1448627.09	1096976.54	0.00	0.00
	By Ship													
	.....													
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	29489.62	22092.97	0.00	0.00	31607.61	64161.30	0.00	0.00	165209.04	125104.97	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	25424032.87	19653873.90	0.00	0.00	28740440.83	50107580.14	0.00	0.00	66264960.14	50697392.50	0.00	0.00
17	Other Charges	(Rs.)				0.00				0.00				0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	92055954.64	89942902.13	0.00	0.00	99973684.42	225291407.27	0.00	0.00	236933135.48	172835257.50	0.00	0.00
E)	TOTAL COST													
19	Landed cost of Coal (2+18)/(1+7)	Rs./MT	3616.05	4690.02	0.00	0.00	3632.63	4055.50	0.00	0.00	3672.83	3545.03	0.00	0.00
20	Blending Ratio (Domestic/Imported)		87.00%	13.00%	0.00%	0.00%	44.61%	55.39%	0.00%	0.00%	65.00%	35.00%	0.00%	0.00%
21	**Weighted average cost of Coal**	**Rs./MT**	**3755.67**				**3866.86**				**3628.10**			
F)	QUALITY													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4602.00	5015.00	0.00		4602.00	4786.00	0.00		4602.00	5061.00	0.00	
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601.00	4785.00	0.00		4601.00	5065.00	0.00		4601.00	4509.00	0.00	
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
26	**Weighted average GCV of coal as Billed**	**(kCal/Kg)**	**4626.00**				**4856.00**				**4571.00**			
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	4112.00	3725.00	0.00		4039.00	4107.00	0.00		3988.00	3391.00	0.00	
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3812.00	4108.00	0.00		3932.00	3381.00	0.00		3869.00	3262.00	0.00	
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0.00				0.00				0.00
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00				0.00				0.00
31	**Weighted average GCV of coal as Received**	**(kCal/Kg)**	**4048.00**				**3656.00**				**3661.00**			

Ankit Tiwari
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संजय सिन्हा
SANJAY SINHA
अपर महाप्रबंधक (वाणिज्यिक-ईंधन)
Addl. General Manager (U.F.C.G.-Fuel)
एनटीपीसी लि., दादरी / NTPC Ltd., Dadri

Signature Not Verified
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Date: 2024.11.30 17:10:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD

BRIJESH KUMAR PANDEY
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Date: 2022.06.29 10:46:11 +05'30'

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station Barauni Stage-II

S. No.	Month	Unit	Aug-21	Sep-21	Oct-21
A)	**OPENING QUANTITY**				
1	Opening Stock of Oil	(KL)	3937.38	3811.38	3452.38
2	Value of Opening Stock	(Rs.)	176103962	170468469	154411787
B)	**QUANTITY**				
3	Quantity of LDO supplied by Oil company	(KL)	0.00	0.00	2969.16
4	Adjustment(+/-) in qnty.supplied made by Oil Comopany	(KL)	0.00	0.00	0.00
5	LDO supplied by Oil company (3+4)	(KL)	0.00	0.00	2969.16
6	Normative transit & Handling losses	(KL)	0.00	0.00	0.00
7	Net Oil supplied (5-6)	(KL)	0.00	0.00	2969.16
C)	**PRICE**				
8	Amount charged by Oil Company	(Rs.)	0.00	0.00	175982640.61
9	Adjustment (+/-) in amount charged by Oil Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	0.00	0.00	175982640.61
D)	**TRANSPORATION**				
12	Transportation charges by rail/ship/road transport	(Rs.)			
	By Rail		Inclusive	Inclusive	Inclusive
	By Road				
	By Ship				
	.....				
13	Adjustment(+/-) in amount made byRailways/ Transport Company	(Rs.)			
14	Demurrage Charges, if any	(Rs.)			
15	Total Transportation Charges (12+13+14+15)	(Rs.)			
16	Other Charges	(Rs.)	0.00	0.00	0.00
17	Total Amount charged for Oil supplied including transportation (11+15+16)	(Rs.)	0.00	0.00	175982640.61
E)	**TOTAL COST**				
18	**Weighted average cost of Oil**	**(Rs./KL)**	**44726.13**	**44726.13**	**51450.93**
F)	**QUALITY**				
19	GCV of Oil of the opening stock as per Oil Company	Kcal/KL	9514.00	9514.00	9514.00
20	**Weighted average GCV of Oil**	**Kcal/KL**	**9514.00**	**9514.00**	**9409.00**

Ankit Tiwari
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संजय सिन्हा
SANJAY SINHA
अपर महाप्रबंधक (एकीकृवि०वाणि०मु०-ईंधन)
Addl. General Manager (U.F.C.G.-Fuel)
एनटीपीसी लि०, दादरी / NTPC Ltd., Dadri

BRIJESH KUMAR PANDEY
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Date: 2022.06.29 11:03:17 +05'30'

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Date: 2022.11.28 17:49:41 IST
Reason: ASHE COMMERCIAL)
Location: NTPC LTD.

FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station: Beraunl Stage-II

S. No.	Month	Unit	Oct-21				Nov-21				Dec-21			
			Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported
A)	OPENING QUANTITY													
1	Opening Quantity of Coal	(MT)	3954.76	438.68	0.00	0.00	2227.13	2164.80	0.00	0.00	11806.31	998.73.49	0.00	0.00
2	Value of Stock	(Rs.)	1439651186.28	1778260.07	0.00	0.00	8179890.45	8831007.00	0.00	0.00	42643448.51	1611064020.94	0.00	0.00
B)	QUANTITY													
3	Quantity of Coal supplied by Coal Company	(MT)	67605.88	49211.01	0.00	0.00	164795.54	32817.23	0.00	0.00	151664.57	38290.82	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	-2709.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-28078.34	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	64986.26	49211.01	0.00	0.00	164795.54	32817.23	0.00	0.00	123586.23	38290.82	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	519.89	393.69	0.00	0.00	1318.36	302.54	0.00	0.00	988.69	306.33	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	64466.37	48817.32	0.00	0.00	163477.18	37514.69	0.00	0.00	122597.54	37984.49	0.00	0.00
C)	PRICE													
8	Amount charged by the Coal Company	(Rs.)	1868493475.00	1289243492.00	0.00	0.00	4014057994.00	934012905.00	0.00	0.00	3683477037.33	1147268773.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-67616640.06	-135522731.76	0.00	0.00	0.00	8051449.55	0.00	0.00	-67811458.68	-5883051.41	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	8936390.40	6767104.27	0.00	0.00	22138167.09	5080959.80	0.00	0.00	18138931.28	5611807.85	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	1809813175.34	1271337865.00	0.00	0.00	4236343961.09	1101537999.45	0.00	0.00	3185731160.13	1178657628.44	0.00	0.00
D)	TRANSPORATION													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		646651124.00	49475311.00	0.00	0.00	1584838851.09	41248580.00	0.00	0.00	1456690206.32	40349341.00	0.00	0.00
	By Road		1448627.09	1006576.54	0.00	0.00	3673503.92	842994.56	0.00	0.00	2254895.61	851551.49	0.00	0.00
	By Ship													
	.....													
13	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	165709.04	125104.97	0.00	0.00	418565.69	96139.53	0.00	0.00	314182.27	97343.50	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	662641960.14	50697392.50	0.00	0.00	1629276300.69	42187714.09	0.00	0.00	1458759374.20	41300237.99	0.00	0.00
17	Other Charges	(Rs.)				0.00				0.00				0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	2386633135.48	1272835257.50	0.00	0.00	5865120261.78	1527720713.94	0.00	0.00	4673332554.82	1589957866.43	0.00	0.00
E)	TOTAL COST													
19	Landed cost of Coal (2+18)/(1+7)	Rs /MT	3672.83	3545.03	0.00	0.00	3586.51	4039.77	0.00	0.00	3792.12	4110.53	0.00	0.00
20	Blending Ratio (Domestic/Imported)		65.00%	35.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	57.00%	43.00%	0.00%	0.00%
21	Weighted average cost of Coal	Rs./MT	3628.10				3586.51				3929.04			
F)	QUALITY													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4602.00	5061.00	0.00		4601.00	4514.00	0.00		4601.00	4484.00	0.00	
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601.00	4509.00	0.00		4601.00	4479.00	0.00		4601.00	5051.00	0.00	
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)				0.00				0.00				0.00
26	Weighted average GCV of coal as Billed	(kCal/Kg)	4571.00				4601.00				4664.00			
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3988.00	3391.00	0.00		3876.00	3263.00	0.00		3826.00	3546.00	0.00	
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3869.00	3267.00	0.00		3825.00	3592.00	0.00		4181.00	3825.00	0.00	
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)				0.00				0.00				0.00
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)				0.00				0.00				0.00
31	Weighted average GCV of coal as Received	(kCal/Kg)	3661.00				3826.00				3946.00			

Ankit Tiwari
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Date: 2022.05.18 17:50:57 +05'30'

दि. विनोद कुमार पाण्डेय/ VINOD KUMAR
अपर महाप्रबन्धक (वित्त)
General Manager (Finance)
एनटीपीसी लिमिटेड/ NTPC Limited
कोर-6, चतुर्थ तल/Core-6, 4th Floor
7, स्कोप कॉम्प्लेक्स/

BRIJESH KUMAR PANDEY
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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited
Name of the Generating Station Barauni Stage-II

S. No.	Month	Unit	Oct-21	Nov-21	Dec-21
			LDO	LDO	LDO
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	3452.38	5896.54	5133.54
2	Value of Opening Stock	(Rs.)	154411787	303382688	264125626
B)	QUANTITY				
3	Quantity of LDO supplied by Oil company	(KL)	2969.16	0.00	0.00
4	Adjustment(+/-) in qnty.supplied made by Oil Comopany	(KL)	0.00	0.00	0.00
5	LDO supplied by Oil company (3+4)	(KL)	2969.16	0.00	0.00
6	Normative transit & Handling losses	(KL)	0.00	0.00	0.00
7	Net Oil supplied (5-6)	(KL)	2969.16	0.00	0.00
C)	PRICE				
8	Amount charged by Oil Company	(Rs.)	175982640.61	0.00	0.00
9	Adjustment (+/-) in amount charged by Oil Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	175982640.61	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by rail/ship/road transport	(Rs.)			
	By Rail				
	By Road				
	By Ship				
	.....				
13	Adjustment(+/-) in amount made byRailways/ Transport Company	(Rs.)	Inclusive	Inclusive	Inclusive
14	Demurrage Charges, if any	(Rs.)			
15	Total Transportation Charges (12+13+14+15)	(Rs.)			
16	Other Charges	(Rs.)	0.00	0.00	0.00
17	Total Amount charged for Oil supplied including transportation (11+15+16)	(Rs.)	175982640.61	0.00	0.00
E)	TOTAL COST				
18	Weighted average cost of Oil	(Rs./KL)	51450.93	51450.93	51450.93
F)	QUALITY				
19	GCV of Oil of the opening stock as per Oil Company	Kcal/KL	9514.00	9409.00	9409.00
20	Weighted average GCV of Oil	Kcal/KL	9409.00	9409.00	9409.00

Ankit Tiwari Digitally signed by Ankit Tiwari Date: 2022.05.18 17:51:30 +05'30'

वि. विनोद कुमार/ V. VINOD KUMAR
अपर महाप्रबन्धक (वित्त)
General Manager (Finance)
एनटीपीसी लिमिटेड/ NTPC Limited
कोर-6, चतुर्थ तल/Core-6, 4th Floor
7, स्कोप कॉम्प्लेक्स/7, SCOPE Complex
लोधी रोड, नई दिल्ली-3/Lodhi Road, New Delhi-3

BRIJESH KUMAR PANDEY Digitally signed by BRIJESH KUMAR PANDEY Date: 2022.05.18 19:49:06 +05'30'

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FORM- 15 : Details of Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Barauni Stage-II

S. No.	Month	Unit	Oct-22				Nov-22				Dec-22			
			Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported	Domestic (NTPC Mines)	Domestic (Other Sources)	E-Auction	Imported
A)	OPENING QUANTITY													
1	Opening Quantity of Coal	(MT)	31536.65	9252.98	0.00	0.00	43386.53	5230.08	0.00	0.00	54268.17	11164.51	0.00	0.00
2	Value of Stock	(Rs.)	1082322363.18	54824710.38	0.00	0.00	1493344431.75	28566788.28	0.00	0.00	1874765804.95	56059889.98	0.00	0.00
B)	QUANTITY													
3	Quantity of Coal supplied by Coal Company	(MT)	208367.82	4129.14	0.00	0.00	200616.57	39450.03	0.00	0.00	224486.31	55809.72	0.00	0.00
4	Adjustment (+/-) in quantity supplied made by Coal Company	(MT)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Coal supplied by Coal Company (3+4)	(MT)	208367.82	4129.14	0.00	0.00	200616.57	39450.03	0.00	0.00	224486.31	55809.72	0.00	0.00
6	Normative Transit & Handling Losses (For Coal based Projects)	(MT)	1666.94	33.03	0.00	0.00	1604.93	315.60	0.00	0.00	1795.89	446.48	0.00	0.00
7	Net Coal Supplied (5-6)	(MT)	206700.88	4096.11	0.00	0.00	199011.64	39134.43	0.00	0.00	222690.42	55363.24	0.00	0.00
C)	PRICE													
8	Amount charged by the Coal Company	(Rs.)	515149376.00	13806739.00	0.00	0.00	490295180.00	117732871.00	0.00	0.00	553238770.00	173150642.00	0.00	0.00
9	Adjustment (+/-) in amount charged made by Coal Company	(Rs.)	-11042673.24	0.00	0.00	0.00	-2504259.00	34057704.00	0.00	0.00	-7475925.23	-2142723.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	8256747.78	163818.76	0.00	0.00	11201896.75	2200784.56	0.00	0.00	7962858.16	1979652.50	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	513373450.54	13970557.76	0.00	0.00	498992817.75	153993359.56	0.00	0.00	553725702.93	172987571.50	0.00	0.00
D)	TRANSPORATION													
12	Transportation charges by rail/ship/road transport	(Rs.)												
	By Rail		193241747.00	3859758.00	0.00	0.00	182855307.00	39044310.00	0.00	0.00	206699783.00	46816807.00	0.00	0.00
	By Road		4948865.18	98069.64	0.00	0.00	5901367.68	1160468.11	0.00	0.00	7305464.28	1816217.29	0.00	0.00
	By Ship													
	.....													
13	Adjustment (+/-) in amount charged made by Railways/Transport	(Rs.)												
14	Demurrage Charges, if any	(Rs.)												
15	Cost of diesel in transporting Coal through MGR system, if applicable	(Rs.)	206179.13	4085.77	0.00	0.00	313716.38	61690.42	0.00	0.00	500694.55	124478.07	0.00	0.00
16	Total Transportation Charges (12+13+14+15)	(Rs.)	198396791.31	3961913.41	0.00	0.00	189070391.06	40266468.53	0.00	0.00	214505941.83	48757002.35	0.00	0.00
17	Other Charges	(Rs.)			0.00	0.00			0.00	0.00			0.00	0.00
18	Total amount Charged for Coal supplied including Transportation (11+16)	(Rs.)	711770241.85	17932471.17	0.00	0.00	688063208.81	194259828.49	0.00	0.00	768231644.76	221744573.85	0.00	0.00
E)	TOTAL COST													
19	Landed cost of Coal (2+18)/(1+7)	Rs./MT	3441.95	5450.35	0.00	0.00	3454.64	5021.26	0.00	0.00	3450.73	4175.77	0.00	0.00
20	Blending Ratio (Domestic/Imported)		96.00%	4.00%	0.00%	0.00%	85.00%	15.00%	0.00%	0.00%	80.00%	20.00%	0.00%	0.00%
21	Weighted average cost of Coal	Rs./MT	3522.29				3689.63				3595.74			
F)	QUALITY													
22	GCV of Domestic Coal of the opening coal stock as per bill of Coal Company	(kCal/Kg)	4601	4663	0.00	0.00	4601	4829	0.00	0.00	4601	4496	0.00	0.00
23	GCV of Domestic Coal supplied as per bill of Coal Company	(kCal/Kg)	4601	5201	0.00	0.00	4601	4452	0.00	0.00	4601	5164	0.00	0.00
24	GCV of Imported Coal of the opening stock as per bill Coal Company	(kCal/Kg)												
25	GCV of Imported Coal supplied as per bill Coal Company	(kCal/Kg)												
26	Weighted average GCV of coal as Billed	(kCal/Kg)	4610				4585				4691			
27	GCV of Domestic Coal of the opening stock as received at Station	(kCal/Kg)	3585	3020	0.00	0.00	3510	2893	0.00	0.00	3582	3376	0.00	0.00
28	GCV of Domestic Coal supplied as received at Station	(kCal/Kg)	3509	2605	0.00	0.00	3598	3440	0.00	0.00	3761	2691	0.00	0.00
29	GCV of Imported Coal of opening stock as received at Station	(kCal/Kg)												
30	GCV of Imported Coal supplied as received at Station	(kCal/Kg)												
31	Weighted average GCV of coal as Received	(kCal/Kg)	3485				35				3525			

Divyanshu
Dy. Mgr.
Finance

SUNIL KUMAR AGRAWAL
368

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

FORM- 15 : Details of Secondary Fuel for Computation of Energy Charges

Name of the Petitioner: NTPC Limited

Name of the Generating Station: Barauni Stage-II

S. No.	Month	Unit	Oct-22	Nov-22	Dec-22
A)	OPENING QUANTITY				
1	Opening Stock of Oil	(KL)	4440.04	4248.04	4040.04
2	Value of Opening Stock	(Rs.)	363931469	347811346	330781211
B)	QUANTITY				
3	Quantity of LDO supplied by Oil company	(KL)	0.00	0.00	0.00
4	Adjustment(+/-) in qnty.supplied made by Oil Comopany	(KL)	0.00	0.00	0.00
5	LDO supplied by Oil company (3+4)	(KL)	0.00	0.00	0.00
6	Normative transit & Handling losses	(KL)	0.00	0.00	0.00
7	Net Oil supplied (5-6)	(KL)	0.00	0.00	0.00
C)	PRICE				
8	Amount charged by Oil Company	(Rs.)	0.00	0.00	0.00
9	Adjustment (+/-) in amount charged by Oil Company	(Rs.)	0.00	0.00	0.00
10	Handling, Sampling and such other similar charges	(Rs.)	0.00	0.00	0.00
11	Total amount Charged (8+9+10)	(Rs.)	0.00	0.00	0.00
D)	TRANSPORATION				
12	Transportation charges by rail/ship/road transport	(Rs.)			
	By Rail		Inclusive	Inclusive	Inclusive
	By Road				
	By Ship				
	.....				
13	Adjustment(+/-) in amount made byRailways/ Transport Company	(Rs.)			
14	Demurrage Charges, if any	(Rs.)			
15	Total Transportation Charges (12+13+14+15)	(Rs.)			
16	Other Charges	(Rs.)	0.00	0.00	0.00
17	Total Amount charged for Oil supplied including transportation (11+15+16)	(Rs.)	0.00	0.00	0.00
E)	TOTAL COST				
18	**Weighted average cost of Oil**	(Rs./KL)	81875.65	81875.65	81875.65
F)	QUALITY				
19	GCV of Oil of the opening stock as per Oil Company	Kcal/KL	9310.00	9310.00	9310.00
20	**Weighted average GCV of Oil**	Kcal/KL	9310.00	9310.00	9310.00

Dy. Mgr. Finance

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BALANCE SHEET FOR FY 2021-2022

BARAUNI TPS

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2022	31.03.2021
001	**ASSETS**		**0.00**	**0.00**
002			**0.00**	**0.00**
003	**NON-CURRENT ASSETS**		**0.00**	**0.00**
004	PROPERTY, PLANT & EQUIPMENT	2	29,200,810,649.90	18,057,273,706.42
005	CAPITAL-WORK-IN-PROGRESS	3	2,931,546,130.95	12,970,504,887.27
006	INTANGIBLE ASSETS	4	2,597,857.06	4,329,761.77
007	INTANGIBLE ASSETS UNDER DEVELOPMENT	5	0.00	0.00
008	**FINANCIAL ASSETS**		**0.00**	**0.00**
009	I) INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	6	0.00	0.00
010	II) INVESTMENTS	7	0.00	0.00
011	III) TRADE RECEIVABLES	8	0.00	0.00
012	IV) LOANS	9	42,127,076.18	44,179,550.77
013	V) OTHER FINANCIAL ASSETS	10	0.00	0.00
015	OTHER NON-CURRENT ASSETS	11	922,155,160.46	824,111,218.85
016	**TOTAL NON-CURRENT ASSETS**		**33,099,236,874.55**	**31,900,399,125.08**
017			**0.00**	**0.00**
018	**CURRENT ASSETS**		**0.00**	**0.00**
019	INVENTORIES	12	1,163,110,820.63	657,069,689.16
020	**FINANCIAL ASSETS**		**0.00**	**0.00**
021	I) INVESTMENTS	13	0.00	0.00
022	II) TRADE RECEIVABLES	14	275,348.01	818,561.10
023	III) CASH AND CASH EQUIVALENTS	15	0.00	0.00
024	IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	16	0.00	0.00
025	V) LOANS	17	24,007,596.51	17,482,510.57
026	VI) OTHER FINANCIAL ASSETS	18	166,409,645.94	14,923,340.37
027	CURRENT TAX ASSETS (NET)		0.00	0.00
028			0.00	0.00
029	OTHER CURRENT ASSETS	19	468,600,257.21	417,119,571.00
030			0.00	0.00
031	**TOTAL CURRENT ASSEETS**		**1,822,403,668.30**	**1,107,413,672.20**
032	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	20	1,742,000.00	5,555,000.00
034	**TOTAL ASSETS**		**34,923,382,542.85**	**33,013,367,797.28**
035	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
036	**EQUITY**		**0.00**	**0.00**
037	EQUITY SHARE CAPITAL	21	0.00	0.00
038	OTHER EQUITY	22	816,281,219.26	207,692,317.29
041	**TOTAL EQUITY**		**816,281,219.26**	**207,692,317.29**
042			0.00	0.00
043	**LIABILITIES**		**0.00**	**0.00**
044	**NON-CURRENT LIABILITIES**		**0.00**	**0.00**
045	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
046	I) BORROWINGS	23	0.00	0.00
047	II) LEASE LIABILITIES	23A	0.00	0.00
048	**III) TRADE PAYABLES**		**0.00**	**0.00**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2022	31.03.2021
049	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	24	472,987.74	0.00
050	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	24	1,446,584.93	0.00
051	IV) OTHER FINANCIAL LIABILITIES	25	14,747,362.21	34,062,323.21
052	PROVISIONS	26	0.00	0.00
053	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
054	OTHER NON-CURRENT LIABILITIES	28	0.00	0.00
055			**0.00**	**0.00**
056	**TOTAL NON-CURRENT LIABILITIES**		**16,666,934.88**	**34,062,323.21**
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	29A	0.00	0.00
062	**ii) Trade Payables**		**0.00**	**0.00**
063	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	62,103,055.35	52,124,668.67
064	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	30	686,997,854.32	493,336,519.38
065	III) OTHER FINANCIAL LIABILITIES	31	3,688,587,544.54	3,967,334,722.77
066	OTHER CURRENT LIABILITIES	32	42,824,909.77	22,567,008.64
067	PROVISIONS	33	196,623,398.87	217,917,574.87
068	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
069			**0.00**	**0.00**
070	**TOTAL CURRENT LIABILITIES**		**4,677,136,762.85**	**4,753,280,494.33**
071			**0.00**	**0.00**
072	DEFERRED REVENUE	35	0.00	0.00
073	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	36	0.00	0.00
074	INTER UNIT ACCOUNTS		29,413,297,625.86	28,018,332,662.45
075			**0.00**	**0.00**
076	**TOTAL EQUITY AND LIABILITIES**		**34,923,382,542.85**	**33,013,367,797.28**
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**

BRIJESH KUMAR PANDEY
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Date: 2022.04.27 15:31:47 +05'30'
(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH
Digitally signed by NARENDER KUMAR CHATRATH
Date: 2022.04.25 15:17:40 +05'30'
(Head of Finance)

KSHANMUGHA SUNDARAM
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(Head of Unit)

UDIN-22079186AHSEKS4186

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

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	10,459,394,521.49	7,963,481,334.09
003	Other income	38	36,592,484.97	21,273,040.43
005	**Total Income**		**10,495,987,006.46**	**7,984,754,374.52**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	38A	6,001,418,926.76	3,424,658,856.47
009	Employee benefits expense	39	489,733,315.73	387,218,004.31
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	824,664,981.81	933,318,706.97
012	Depreciation and amortization expenses	41	1,332,352,405.30	1,080,613,737.39
013			0.00	0.00
014	Other expenses	42	1,123,762,904.69	910,950,922.58
015	CC expenses charge to revenue		168,884,281.78	133,362,615.00
016	Less: Unit expenses transferred to CC		0.00	0.00
017	**Total expenses**		**9,940,816,816.07**	**6,870,122,842.72**
020	**Profit before exceptional items & tax**		**555,170,190.39**	**1,114,631,531.80**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**555,170,190.39**	**1,114,631,531.80**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		**0.00**	**0.00**
036	**Profit for the period before regulatory deferral account balances**		**555,170,190.39**	**1,114,631,531.80**
037	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		-3,813,000.00	-9,563,500.00
040	Tax impact on Regulatory deferral account balances		0.00	0.00
041	**Movement in Regulatory deferrall account balances (Net of Tax)**		**-3,813,000.00**	**-9,563,500.00**
042	**Profit for the period/ year**		**551,357,190.39**	**1,105,068,031.80**
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 acturial gains/(losses) on defined benefit plans		-2,019,584.16	-4,005,362.83
048	Income tax on above that will not be reclassified to profit or loss		0.00	0.00
052		43	0.00	0.00
053	**Other comprehensive income for the year, net of income tax**		**-2,019,584.16**	**-4,005,362.83**
054			0.00	0.00
055	**Total Comprehensive Income for the year**		**549,337,606.23**	**1,101,062,668.97**
069			0.00	0.00

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Date: 2024.11.30 17:19:14 IST
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Location: NTPC LTD.

BARAUNI TPS

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)/Dev. of coal mines (net) 43 /43A		0.00	0.00
074	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

BRIJESH KUMAR PANDEY
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Date: 2022.04.27 15:32:26 +05'30'
(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH
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Date: 2022.04.25 15:18:12 +05'30'
(Head of Finance)

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Date: 2022.04.25 16:54:13 +05'30'
(Head of Unit)

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

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 acturial gains/(losses) on defined benefit plans	-2,019,584.16	-4,005,362.83
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**	**-2,019,584.16**	**-4,005,362.83**
013		0.00	0.00
014	**Total comprehensive income for the year (A+B)**	**-2,019,584.16**	**-4,005,362.83**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
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	1.00	224477079.00	0.00	224477080.00	0.07	6413630.86	0.00	6413630.93	218063449.07	0.93
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 & helipads	34687808.52	48340644.70	0.00	83028453.22	3616831.65	2733372.57	0.00	6350204.22	76678249.00	31070976.87
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	2117696342.14	1015458199.06	0.00	3133154541.20	96186895.26	92312095.73	0.00	188498990.99	2944655550.21	2021509446.88
11 Others	763813174.86	138718716.27	0.00	902531891.13	48106709.62	43462877.49	0.00	91569587.11	810962304.02	715706465.24
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	1866331.02	0.00	0.00	1866331.02	1866331.02	0.00	0.00	1866331.02	0.00	0.00
14 Water Supply, drainage & sewerage system	146636043.47	19741996.00	0.00	166378039.47	7578238.52	6920172.83	0.00	14498411.35	151879628.12	139057804.95
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	0.00	95241913.84	0.00	95241913.84	0.00	2095322.10	0.00	2095322.10	93146591.74	0.00
18 Earth dam reservoir	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 works) Owned Asset	16047773975.69	11026900256.99	(9761289.16)	27064912943.52	1240049033.04	1261443617.25	(2372997.60)	2499119652.69	24565793290.83	14807724942.65

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Date: 2024.11.04 17:13:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block 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	47805994.98	3582537.00	0.00	51388531.98	7260073.01	3165463.97	0.00	10425536.98	40962995.00	40545921.97
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	7763324.04	0.00	0.00	7763324.04	4444893.36	743015.55	0.00	5187908.91	2575415.13	3318430.68
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	18863729.48	7544497.64	(55530.00)	26352697.12	3904131.89	2352128.02	(70155.00)	6186104.91	20166592.21	14959597.59
26 EDP, WP machines and satcom equipment	22009478.20	1101524.00	1686733.51	24797735.71	9645328.76	5958259.39	1683486.61	17287074.76	7510660.95	12364149.44
27 Construction equipments	35381461.96	0.00	0.00	35381461.96	4783917.70	3987723.74	0.00	8771641.44	26609820.52	30597544.26
28 Electrical Installations	284818611.27	20165320.20	(3716370.22)	301267561.25	48522960.82	28832668.44	(1786062.21)	75569567.05	225697994.20	236295650.45
29 Communication equipments	1743773.38	5969949.67	0.00	7713723.05	507582.59	410766.13	0.00	918348.72	6795374.33	1236190.79
30 Hospital equipments	2287933.00	4363557.00	0.00	6651490.00	166442.40	616201.14	0.00	782643.54	5868846.46	2121490.60
31 Laboratory and workshop equipments	778800.00	2827535.94	0.00	3606335.94	13706.88	148740.95	0.00	162447.83	3443888.11	765093.12
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

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Date: 2024.11.29 17:13:14 IST
Reason: ADM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block As At 31.03.2021
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 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 fly 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)	19533926783.01	12614433727.31	(11846455.87)	32136514054.45	1476653076.59	1461596056.16	(2545728.20)	2935703404.55	29200810649.90	18057273706.42
Grand Total Prev Year (Tangible)	19415395186.95	110431422.02	8100174.04	19533926783.01	296821798.44	1176010964.42	3820313.73	1476653076.59	18057273706.42	19118573388.51

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Date: 2024.11.27 13:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(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**
Disposal of assets	(55562.21)	(64026.44)	(55562.21)	(64026.44)
Retirement of assets	(15356147.63)	0.00	(4360839.81)	0.00
Cost adjustments	0.00	356850.00	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	3078931.46	7807350.48	1384351.31	3884340.17
Others	0.00	0.00	0.00	0.00
TOTAL	**(12332778.38)**	**8100174.04**	**(3032050.71)**	**3820313.73**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Date: 2024.11.29 17:31:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land	149930943.16	4902486.57	(154833429.73)		
3	Roads, bridges, culverts & helipads	6879349.17	22767362.00	17832566.34	47479277.51	
4	Piling and foundation					
5	Buildings :					
6	Main plant	1857236269.16	144433617.08	(908458598.06)	1013240226.37	79971061.81
7	Others	86025520.10	28048048.64	(41976738.03)	67362411.07	4734419.64
8	Temporary erection		47039.00	(47039.00)		
9	Water supply, drainage and sewerage system	35180741.37	16426997.80	(621182.00)	50986557.17	
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system					
12	Railway siding	70709124.88	82613597.11		95241913.84	58080808.15
13	Earth dam reservoir					
14	Plant and equipment	9305746256.32	1768992975.21	1034105714.53	9886326074.91	2222518871.15
15	Furniture and fixtures		383684.00	(383684.00)		
16	Vehicles					
17	Office equipment					
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations	140833050.90	38354051.97	(119451224.28)	188051.00	59547827.59
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km 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	938100.00		(938100.00)		
28	Difference in exchange on foreign currency loans					

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Date: 2024.11.29 17:31:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)	630596832.65	(1083964922.38)	635658932.37		182290842.64
31	ExpPendAlloca-oth ex attribut Project	220000000.00	(220000000.00)			
32	Expenditure During Construction Period (net)*	286148014.25	859196272.33	15324747.50		1160669034.08
33	LESS : Allocated to related works		1160669034.08			1160669034.08
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel					
37	Cement					
38	Others	180280685.31	171869470.18	(27747855.52)		324402299.97
39	**Sub-total**	**180280685.31**	**171869470.18**	**(27747855.52)**		**324402299.97**
40	LESS : Provision for shortages					
41	**Sub-total**	**180280685.31**	**171869470.18**	**(27747855.52)**		**324402299.97**
42	**Total CWIP**	**12970504887.27**	**673401645.43**	**448464110.12**	**11160824511.87**	**2931546130.95**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**10924667766.39**	**2042672767.78**	**8242253.60**	**1044418.00**	**12970504887.27**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Date: 2024.11.04 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2022	Opening Depreciation As At 01.04.2021	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2022	Net Block As At 31.03.2022	Net Block 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	5348338.13	0.00	0.00	5348338.13	1018576.36	1731904.71	0.00	2750481.07	2597857.06	4329761.77
Grand Total (Intangible)	5348338.13	0.00	0.00	5348338.13	1018576.36	1731904.71	0.00	2750481.07	2597857.06	4329761.77
Grand Total Prev Year (Intangible)	152624.00	5195714.13	0.00	5348338.13	152624.00	865952.36	0.00	1018576.36	4329761.77	0.00

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Date: 2024.11.27 17:31:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

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**
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

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Date: 2024.11.29 17:13:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

(Amount in Rupees)

Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: BARAUNI TPS

Sl No	Asset Class	As At 01.04.2021	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2022
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
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

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Location: NTPC LTD.

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
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	PATRATU 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 RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO 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 (RGPPL)			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

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Location: NTPC LTD.

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
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			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	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 LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL 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 LTD			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
136	Aggregate amount of Unquoted Investments			0.00	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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 Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

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Location: NTPC LTD.

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
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
098				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. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

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**

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Location: NTPC LTD.

BARAUNI TPS

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	38,733,237.41	42,973,934.55
012	UNSECURED	17,459,611.44	16,121,478.67
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	10,588,681.84	11,504,792.96
017	UNSECURED	3,477,090.83	3,411,069.49
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**	**42,127,076.18**	**44,179,550.77**
026		0.00	0.00
027	**TOTAL**	**42,127,076.18**	**44,179,550.77**
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 personel	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 personel	0.00	0.00

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NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
063	ii)Subsidiary companies	0.00	0.00
064	iii)Joint Venture companies	0.00	0.00
065	iv)Others	0.00	0.00
066	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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	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 Labortory 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
041	**Total**	**0.00**	**0.00**

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Location: NTPC LTD.

BARAUNI TPS

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	1,926,209.00	129,537,253.00
007	OTHERS	867,123,447.37	640,588,206.65
008	CONSIDERED DOUBTFUL	0.00	0.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010	**Sub-Total**	**869,049,656.37**	**770,125,459.65**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	41,913,600.00	41,913,600.00
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**	**41,913,600.00**	**41,913,600.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	451,087.03	323,885.55
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**451,087.03**	**323,885.55**
043	DEFERRED PAYROLL EXPENSES (SECURED)	8,059,121.73	9,057,649.58
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	2,681,695.33	2,690,624.07
045	**Sub Total**	**10,740,817.06**	**11,748,273.65**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	0.00	0.00
048	**Total**	**922,155,160.46**	**824,111,218.85**
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

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Location: NTPC LTD.

BARAUNI TPS

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 Labortory 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**
078	Key Management personel	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**

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Location: NTPC LTD.

BARAUNI TPS

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	478,031,568.64	291,845,778.91
004	Fuel oil	289,623,914.60	233,101,313.16
005	Naphtha	0.00	0.00
006	Stores and spares	335,485,062.61	92,691,937.93
007	Chemicals & consumables	34,021,840.84	28,187,251.90
008	Loose tools	278,012.78	92,110.82
009	Steel Scrap	3,992,587.19	150.82
010	Others	21,705,712.11	11,151,145.62
011	**Sub Total**	**1,163,138,698.77**	**657,069,689.16**
012	Less: Provision for shortages	27,878.14	0.00
013	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	0.00	0.00
014		0.00	0.00
015	**Total**	**1,163,110,820.63**	**657,069,689.16**
016	**Inventories include material in transit**	**0.00**	**0.00**
017	Coal	3,594,904.55	0.00
018	Fuel oil	0.00	0.00
019	Naphtha	0.00	0.00
020	Stores and spares	2,505,000.35	33,085,274.74
021	Chemicals & consumables	0.00	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

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003				0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda 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**			**0.00**	**0.00**
067				0.00	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

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	275,348.01	818,561.10
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**275,348.01**	**818,561.10**
008	**Total**	**275,348.01**	**818,561.10**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**275,348.01**	**818,561.10**
012	Less: Discom Clearing	0.00	0.00
013	**Grand Total**	**275,348.01**	**818,561.10**
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	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	275,348.01	818,561.10
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**	**275,348.01**	**818,561.10**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	275,348.01	818,561.10
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)**	**275,348.01**	**818,561.10**
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

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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#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

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BARAUNI TPS

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	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
010	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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 (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	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

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BARAUNI TPS

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
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
011	Secured	8,245,451.83	6,969,706.57
012	Unsecured	15,762,144.68	10,512,804.00
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)**	**24,007,596.51**	**17,482,510.57**
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 personel	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 personel	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**

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BARAUNI TPS

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	-367,258.82	-162,479.56
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	2,651,204.00	727,119.00
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)**	**2,283,945.18**	**564,639.44**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	0.00	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	Contract Asset- Revenue	155,152,023.58	13,572,253.09
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
058	**Other Accrued Income**	**0.00**	**0.00**
059	Secured,Considered Good	0.00	0.00
060	Unsecured , considered good	8,973,677.18	675,299.48
061	Credit impaired	0.00	0.00
062	**Sub-Total**	**8,973,677.18**	**675,299.48**
063	Less: Allowance for credit impaired receivables	0.00	0.00
064	**Total**	**8,973,677.18**	**675,299.48**
065		0.00	0.00
066	Others*	0.00	111,148.36
067	**Total**	**166,409,645.94**	**14,923,340.37**
068	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00

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BARAUNI TPS

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 personel	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	Meja Urja Nigam Private Limited	0.00	0.00
084	Nabinagar Power Generating Company Ltd.	0.00	0.00
085	National High Power Test Labortory 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	-367,258.82	-162,479.56
096		0.00	0.00
097		0.00	0.00
098		0.00	0.00
099		0.00	0.00
100	**Total**	**-367,258.82**	**-162,479.56**

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BARAUNI TPS

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*	9,132,120.00	9,132,120.00
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	2,217,258.00	511,650.00
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	176,160,649.48	195,058,567.68
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	2,242,498.38	7,506,887.64
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)	1,029,664.45	886,681.66
028	Deferred Payroll Expenses (Unsecured)	1,160,452.95	789,849.67
029	**Sub-total**	**2,190,117.40**	**1,676,531.33**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	276,502,120.99	203,174,658.00
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	155,492.96	59,156.35
043		0.00	0.00
044	**Total (Other Current Assets)**	**468,600,257.21**	**417,119,571.00**
045	**Include Prepaid Expenses	2,192,489.82	7,506,887.64
046	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

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BARAUNI TPS

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 hire charges, rent/electricity etc.	0.00	0.00
052	**Advances to related parties include:**	**0.00**	**0.00**
053	i)Key management personel	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

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BARAUNI TPS

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2022	31.03.2021
001	On account of Exchange Differences	1,742,000.00	5,555,000.00
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
007	**Total**	**1,742,000.00**	**5,555,000.00**

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BARAUNI TPS

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	9,69,66,66,134 equity shares of Rs.10/- (Pv. 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/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

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BARAUNI TPS

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
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: Utlised 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	9,952,338.00	0.00
048	TRANSFERRED TO CC	0.00	0.00
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	59,251,295.74	9,952,338.00
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	0.00	0.00

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Location: NTPC LTD.

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**	**69,203,633.74**	**9,952,338.00**
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: Utlised 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: UTLISED 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	209,234,964.92	-895,833,066.88
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	551,357,190.39	1,105,068,031.80
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

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BARAUNI TPS

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**	**760,592,155.31**	**209,234,964.92**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-11,494,985.63	-7,489,622.80
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	-2,019,584.16	-4,005,362.83
114	**SUB-TOTAL**	**-13,514,569.79**	**-11,494,985.63**
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**	**816,281,219.26**	**207,692,317.29**
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

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BARAUNI TPS

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

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	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 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

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	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

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	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-nonvertible 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

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	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)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

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	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	8.18% 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

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	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 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)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 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)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)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

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	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 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

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	As at	31.03.2022	31.03.2021
	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		
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 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
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 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

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	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)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

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	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

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	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	Rupee Loans	0.00	0.00

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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:- Interst accrued but not due on secured borrowings	0.00	0.00
130	Less:- Interst 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**

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BARAUNI TPS

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) IX	0.00	0.00
004	Long term maturities of Finance Lease Liabilites (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**

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BARAUNI TPS

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	472,987.74	0.00
004	- Others	1,446,584.93	0.00
005		0.00	0.00
006	**Total**	**1,919,572.67**	**0.00**

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BARAUNI TPS

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	0.00	0.00
004	- Others	14,747,362.21	34,062,323.21
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**	**14,747,362.21**	**34,062,323.21**

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BARAUNI TPS

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**

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NOTE NO. 27 TO THE FS-NCL-DEFERRED TAX LIABILITIES (NET) **(Amount in ₹)**

	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

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BARAUNI TPS

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	0.00	0.00
005	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

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**

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BARAUNI TPS

NOTE NO. 30 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	62,103,055.35	52,124,668.67
004	- Others	686,997,854.32	493,336,519.38
005		0.00	0.00
006	**Total**	**749,100,909.67**	**545,461,188.05**
007		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	27,416,140.50	14,369,092.57
175	Not due	25,680,319.16	37,755,576.10
176	**Due**	**9,006,595.69**	**0.00**
177	Disputed	0.00	0.00
178	Undisputed	9,006,595.69	0.00
179		0.00	0.00
180	**Sub-total (A)**	**62,103,055.35**	**52,124,668.67**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	496,979,114.90	235,507,600.10
184	Not due	23,411,212.80	0.00
185	**Due**	**166,607,526.62**	**257,828,919.28**
186	Disputed	0.00	0.00
187	Undisputed	166,607,526.62	257,828,919.28
188		0.00	0.00
189	**Sub-total (B)**	**686,997,854.32**	**493,336,519.38**
190		0.00	0.00
191	**Total**	**749,100,909.67**	**545,461,188.05**
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	9,006,595.69	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)**	**9,006,595.69**	**0.00**
208		0.00	0.00
209	**Total MSME (III)**	**9,006,595.69**	**0.00**
210		0.00	0.00

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BARAUNI TPS

NOTE NO. 30 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	149,430,398.10	0.00
221	1-2 years	15,213,360.53	257,828,919.28
222	2-3 years	408,420.99	0.00
223	More than 3 years	1,555,347.00	0.00
224	**Sub Total (V)**	**166,607,526.62**	**257,828,919.28**
225		0.00	0.00
226	**Total Others (VI)**	**166,607,526.62**	**257,828,919.28**

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BARAUNI TPS

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 contact	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	10,825,742.00	12,993,711.42
034	- Others	3,662,477,898.54	3,950,682,139.11
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	9,442,579.00	968,780.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	2,808,398.00	1,440,979.24
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 **	3,032,927.00	1,249,113.00
043	Unspent CSR balance on ongoing Approved CSR projects	0.00	0.00
044	**Total**	**3,688,587,544.54**	**3,967,334,722.77**
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

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BARAUNI TPS

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	13,609,329.39	4,220,125.64
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	29,215,580.38	18,346,883.00
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
008	**Total**	**42,824,909.77**	**22,567,008.64**

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BARAUNI TPS

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	217,917,574.87	0.00
030	Additions during the year	0.00	220,000,000.00
031	Amounts paid during the year	21,294,176.00	2,082,425.13
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**196,623,398.87**	**217,917,574.87**
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	0.00	0.00
044	Additions during the year	0.00	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**	**0.00**	**0.00**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	0.00	0.00
050	Additions during the year	0.00	0.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**0.00**	**0.00**
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**	**196,623,398.87**	**217,917,574.87**

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BARAUNI TPS

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**

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Location: NTPC LTD.

BARAUNI TPS

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	0.00	0.00
004	Government grants	0.00	0.00
006	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

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)	10,544,732,727.49	8,120,268,566.09
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	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**10,544,732,727.49**	**8,120,268,566.09**
010	Less: Rebate to customers	85,338,206.00	156,787,232.00
011	**Energy Sales (Total)**	**10,459,394,521.49**	**7,963,481,334.09**
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**	**10,459,394,521.49**	**7,963,481,334.09**
019	Sale of fly ash/ash products	59,251,295.74	9,952,338.00
020	Less: Transferred to fly ash utilisation reserve fund	-59,251,295.74	-9,952,338.00
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	0.00	0.00
024	Energy Internally Consumed *	0.00	0.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form 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**	**10,459,394,521.49**	**7,963,481,334.09**
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,cenospere & 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

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BARAUNI TPS

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 (8.5% Tax Free Bonds issued by the State Goverments)	0.00	0.00
006	Other Bonds	0.00	0.00
007		0.00	0.00
008	Interest from Government of India Securties-Non-Trade	0.00	0.00
009	Less: Amortziation 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	6,316,555.65	3,780,656.44
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	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	0.00	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	0.00	0.00
044	Profit on disposal of PPE	556.00	640.00
045	Profit on redemption of GOI securities	0.00	0.00

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BARAUNI TPS

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	2,964,494.00	8,780,256.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	0.00	0.00
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	27,872,037.58	9,204,382.59
057	**Total**	**37,153,643.23**	**21,765,935.03**
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	561,158.26	492,894.60
060	Less: Others	0.00	0.00
062	**Total**	**36,592,484.97**	**21,273,040.43**
063		0.00	0.00
064	**Details of Miscellaneous Income**	**0.00**	**0.00**
065	Vehicle Hire Charges.	62,000.00	106,000.00
066	Sale of by products & residuals	0.00	0.00
067	Township recoveries(exl. Hospital Recoveries).	9,452,984.48	3,173,672.34
068	Depreciation written back	0.00	0.00
069	Sale of Scrap.	15,186,950.30	2,860,062.75
070	Receipt under loss of profit policy.	0.00	0.00
071	Receipts under MBD/Fire Policy.	0.00	0.00
072	Management development programme.	0.00	0.00
073	Management Fee - Misc (NVVN)	0.00	0.00
074	Others	3,170,102.80	3,064,647.50
075		0.00	0.00
076	**Total (Miscellaneous Income)**	**27,872,037.58**	**9,204,382.59**
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	0.00
083	Shortage in Stores	0.00	0.00
084	Obsolescence in Stores	0.00	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

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NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
088	Diminution in value of Investment	0.00	0.00

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BARAUNI TPS

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	499,077,306.79	374,556,889.23
003	Contribution to provident and other funds	61,873,345.39	45,221,444.38
004	Unwinding of deferred payroll expense	3,465,438.89	1,497,543.27
005	Staff welfare expenses	78,323,081.45	69,370,463.59
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**642,739,172.52**	**490,646,340.47**
009	Less: Employee benefits expense allocated to fuel inventory	21,093,560.63	2,209,229.90
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	131,912,296.16	101,219,106.26
016	**TOTAL**	**489,733,315.73**	**387,218,004.31**
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

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BARAUNI TPS

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	35,910,449.99	0.00
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	0.00	0.00
006	Rupee term loans	1,346,845,422.00	1,485,043,311.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	205,320.31	114,494,768.14
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**1,382,961,192.30**	**1,599,538,079.14**
013	Interest on non financial items	0.00	0.00
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	16,223.78	0.00
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ 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	0.00
026	**Sub Total (Other Borrowing cost)**	**16,223.78**	**0.00**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**0.00**	**0.00**
029	**Sub Total**	**1,382,977,416.08**	**1,599,538,079.14**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	558,312,434.27	666,219,372.17
031	Less: Transferred to development of coal mines-Note 43A	0.00	0.00
032		0.00	0.00
033	**Total**	**824,664,981.81**	**933,318,706.97**

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BARAUNI TPS

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES **(Amount in ₹)**

	For the Year ended	31.03.2022	31.03.2021
001	**Depreciation and amortization expenses**	**0.00**	**0.00**
002	On property, plant and equipment- Note 2	1,461,596,056.16	1,176,010,964.42
003	On intangible assets- Note 4	1,731,904.71	865,952.36
004	Sub-total	1,463,327,960.87	1,176,876,916.78
005	Less:	0.00	0.00
006	Allocated to fuel inventory	129,983,038.47	96,166,548.71
007	Transferred to Expenditure during Construction Period (net)- Note 43	992,517.10	96,630.68
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	0.00	0.00
011		0.00	0.00
012	**Total**	**1,332,352,405.30**	**1,080,613,737.39**

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BARAUNI TPS

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	38,932,446.00	28,436,056.00
003	Less: Recovered from contractors & employees	849,318.53	747,085.86
004	**Sub-Total(Power Charges)**	**38,083,127.47**	**27,688,970.14**
005	Water charges	63,750,000.00	127,500,000.00
006	Stores consumed	20,567,837.75	6,988,632.46
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	51,462,434.90	31,373,487.32
013	Plant & machinery	0.00	0.00
014	Power stations	614,303,477.70	442,291,020.63
015	Construction equipment	0.00	0.00
016	Others	32,355,533.92	33,346,740.10
017	**Sub-total (Repairs & maintenance)**	**698,121,446.52**	**507,011,248.05**
019	Load Dispatch Center Charges	5,774,642.00	2,958,120.00
021	Insurance	25,676,157.02	11,152,823.29
022	Interest to beneficiaries	0.00	0.00
023	Rates and taxes	8,434,507.37	6,421,292.50
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	110,000.00	76,771.00
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**110,000.00**	**76,771.00**
028	Communication expenses	7,964,787.71	6,329,767.13
029	Inland Travel	22,678,963.77	15,606,335.33
030	Foreign Travel	0.00	0.00
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	0.00	600.00
041	Electricity duty	0.00	0.00
042	Security expenses	341,479,985.45	284,447,705.50
043	Entertainment expenses	4,240,448.67	3,941,938.03
044	Expenses for guest house	10,838,354.77	6,655,812.00
045	Less:Recoveries	10,887.40	0.00
046	**Sub-Total (Guest house expenses)**	**10,827,467.37**	**6,655,812.00**
047	Education expenses	0.00	0.00
049	Donations	0.00	0.00

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BARAUNI TPS

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	2,533,013.98	0.00
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	217,626.00	442,547.00
054	Legal expenses	2,070,023.00	1,845,723.00
055	EDP hire and other charges	900,713.50	978,872.70
056	Printing and stationery	1,293,027.20	485,157.65
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	16,154,009.24	10,426,981.07
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	246,500.00	381,500.00
066	Transport Vehicle running expenses	126,756.00	36,774.80
067	Horticulture Expenses	9,421,922.92	60,716.00
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	11,518,763.22	5,969,148.00
074	Loss on disposal/write-off of PPE	5,460,307.82	0.00
075	**Sub-Total**	**1,297,652,033.98**	**1,027,407,435.65**
076	Less: Other expenses allocated to fuel inventory	54,878,499.40	24,677,600.06
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	2,328,010.00	0.00
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	168,876,498.03	156,138,913.01
083	**Net (Generation, Administration and Other expenses)**	**1,071,569,026.55**	**846,590,922.58**
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	27,878.14	0.00
092	Obsolete/Dimunition in the value of surplus stores	0.00	0.00
093	Shortage in construction stores	0.00	0.00
094	Dimunition in value of long term investments	0.00	0.00

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BARAUNI TPS

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	0.00
096	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
097	Unserviceable capital works	0.00	0.00
098	Tariff Adjustment	52,166,000.00	64,360,000.00
099	Others :	0.00	0.00
100	(i) Provision for arbitration cases	0.00	0.00
101	(ii) Other provisions	0.00	0.00
102	**Total (Provisions)**	**52,193,878.14**	**64,360,000.00**
103		0.00	0.00
104	**Total**	**1,123,762,904.69**	**910,950,922.58**
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	0.00	77,248.09
113	Furnishing expenses	230,566.84	833,526.92
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	0.00	0.00
118	Research & development expenses .	0.00	0.00
119	Less : Grants received for Research & develoment expenses.	0.00	0.00
120	Sub-total (Research & development expenses)	0.00	0.00
121	Bank charges	2.25	0.00
122	Business Development Expenditure	0.00	0.00
123	Surcharge (NVVN)	0.00	0.00
124	Power Trading Expenses	0.00	0.00
125	Brokerage & commission	403,802.00	0.00
129	Books and periodicals	41,760.00	21,990.00
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	10,842,632.13	5,036,382.99
134	**Total**	**11,518,763.22**	**5,969,148.00**
135		0.00	0.00
136		0.00	0.00
137		0.00	0.00

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BARAUNI TPS

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	111,831,299.33	86,301,876.40
004	Contribution to provident and other funds	13,142,830.08	10,678,028.92
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	6,938,166.75	4,239,200.94
007	**Total (A)**	**131,912,296.16**	**101,219,106.26**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	19,714,607.32	0.00
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	538,584,646.27	551,724,604.03
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	4,725.79	114,494,768.14
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	8,454.89	0.00
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**558,312,434.27**	**666,219,372.17**
029		0.00	0.00
030	C. Depreciation and amortisation	992,517.10	96,630.68
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	14,034,050.00	14,218,028.00
033	Less: Recovered from contractors & employees	237,376.86	234,839.47
034	**Sub-total(Net power charges)**	**13,796,673.14**	**13,983,188.53**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	864,675.00	31,366.00
039	Construction equipment	0.00	0.00
040	Others	119,151.00	3,408,845.58
041		0.00	0.00
042	Insurance	0.00	0.00

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Location: NTPC LTD.

BARAUNI TPS

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	1,575.00	216.00
044	Communication expenses	1,470,720.32	1,148,658.97
045	Travelling expenses	5,111,301.03	4,757,331.36
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	145,797,641.33	129,431,397.23
051	Entertainment expenses	1,353,418.00	1,284,982.00
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	22,526.00
062	Printing and stationery	78,235.20	76,017.82
063	Miscellaneous expenses	283,108.01	1,994,383.52
064	**Total (D)**	**168,876,498.03**	**156,138,913.01**
065	**Total (A+B+C+D)**	**860,093,745.56**	**923,674,022.12**
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	561,158.26	492,894.60
076	**TOTAL (E)**	**561,158.26**	**492,894.60**
077	F. Net actuarial gain/loss OCI	528,359.73	983,850.17
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**860,060,947.03**	**924,164,977.69**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**860,060,947.03**	**924,164,977.69**

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BARAUNI TPS

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 deffered 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

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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**

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BARAUNI TPS

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)	911.84	911.84
007	(b) value (in rs)	1.00	1.00
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 possesession 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 adjus	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	293.75	293.75
017	(b) value (in rs)	0.00	0.00
018	-Freehold	0.00	0.00
019	-Right of Use	0.32	0.32
020	Right-of-use buildings pending completion of legal fomalities - 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	7,003,759,900.00	4,787,494,666.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	182,290,842.64	630,596,832.65
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	182,290,842.64	630,596,832.65
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)	4,059,500.00	381,500.00
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	0.00	0.00
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

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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	558,312,434.27	666,219,372.17
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 sustainibility development - capital	0.00	0.00
106	Expenditure on csr- 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 msmed act 2006.	0.00	0.00
116	(i) (a) the principal amount remaining unpaid as at year end	-73,401,785.09	-65,118,380.09
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)	6,162,451,577.45	3,504,148,212.51
123	Amount of inventories capitalised as overhauling assets out of 122 above	10,381,295.06	0.00
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	30,624,732.76	30,624,732.76
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 / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

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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	22,920,000.00	19,820,000.00
143	(iv) Others by fuel companies	0.00	0.00
144	(a) Disputes related to grade slippage-third party sampling	145,168,822.95	116,455,596.00
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	0.00	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	0.00
154	(v) Entry tax	0.00	0.00
155	C. Others	0.00	0.00
156	**Total**	**198,713,555.71**	**166,900,328.76**
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	145,168,822.95	116,455,596.00
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**	**145,168,822.95**	**116,455,596.00**
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	2,931,546,130.95	12,970,504,887.27
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	1,149,826,966.43	2,111,000,000.00
285	1-2 years	337,688,072.52	36,600,000.00
286	2-3 years	102,166,952.46	10,822,904,887.27
287	More than 3 years	1,341,864,139.54	0.00
288	**Sub Total (I)**	**2,931,546,130.95**	**12,[illegible],887.27**
289		0.00	0.00

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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	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

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BARAUNI TPS

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	Dvidend 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
015	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	9,507,214.00	0.00
022	Purchase of spares	0.00	0.00
023	Maintenance services	298,912,743.01	244,759,275.93
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**	**-308,419,957.01**	**-244,759,275.93**
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**	**308,419,957.01**	**244,759,275.93**
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

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Location: NTPC LTD.

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	1,772,971,063.25	1,134,336,784.00
050	Singareni coalfields ltd- purchase of coal	0.00	0.00
051	**Bhel ltd.**	**0.00**	**0.00**
052	Purchase of equipment, supply & erection services	4,436,998.48	11,888,465.00
053	Purchase of spares	350,374,545.10	110,259,752.00
054	Maintenance services	102,474,130.52	275,057,455.22
055	**Sub-total**	**457,285,674.10**	**397,205,672.22**
056	Gail (i) ltd. Supply of natural gas	0.00	0.00
057	Iocl supply of oil products	209,349,349.42	125,472,970.27
058	Bpcl-supply of natural gas and oil	0.00	0.00
059	Sail-supply of steel and iron products	6,440,417.07	1,322,145.00
060	Other entities	0.00	0.00
061	Purchase of equipments & erection services	232,655,269.75	379,658,936.32
062	Purchase of spares	56,546,024.48	23,511,486.01
063	Maintenance services	25,334,275.77	70,629,873.81
064		0.00	0.00
065	**Total**	**2,760,582,073.84**	**2,132,137,867.63**
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

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Location: NTPC LTD.

BARAUNI TPS

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 benfit 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	47,922,560.03
018	- from key managerial personnel	0.00	0.00
019	- from post employment benfit plans	0.00	0.00
020	- from others	0.00	0.00
021	Sub-total	0.00	47,922,560.03
022		0.00	0.00

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BALANCE SHEET FOR FY 2022-2023

BARAUNI TPS

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	2	29,278,861,425.72	29,200,810,649.90
005	CAPITAL-WORK-IN-PROGRESS	3	2,135,579,339.72	2,931,546,130.95
006	INVESTMENT PROPERTY		0.00	0.00
007	INTANGIBLE ASSETS	4	865,952.35	2,597,857.06
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	5	0.00	0.00
009	**FINANCIAL ASSETS**		**0.00**	**0.00**
010	I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	6	0.00	0.00
011	II) OTHER INVESTMENTS	7	0.00	0.00
012	III) TRADE RECEIVABLES	8	0.00	0.00
013	IV) LOANS	9	52,377,349.46	42,127,076.18
014	V) OTHER FINANCIAL ASSETS	10	0.00	0.00
016	OTHER NON-CURRENT ASSETS	11	680,062,162.51	931,287,280.46
017	**TOTAL NON-CURRENT ASSETS**		**32,147,746,229.76**	**33,108,368,994.55**
018			**0.00**	**0.00**
019	**CURRENT ASSETS**		**0.00**	**0.00**
020	INVENTORIES	12	1,396,072,145.09	1,163,110,820.63
021	**FINANCIAL ASSETS**		**0.00**	**0.00**
022	I) OTHER INVESTMENTS	13	0.00	0.00
023	II) TRADE RECEIVABLES	14	320,896.60	275,348.01
024	III) CASH AND CASH EQUIVALENTS	15	0.00	0.00
025	IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	16	0.00	0.00
026	V) LOANS	17	31,997,312.71	24,007,596.51
027	VI) OTHER FINANCIAL ASSETS	18	1,193,855,014.29	166,409,645.94
028	CURRENT TAX ASSETS (NET)		0.00	0.00
029			0.00	0.00
030	OTHER CURRENT ASSETS	19	573,426,505.21	459,468,137.21
031			0.00	0.00
032	**TOTAL CURRENT ASSEETS**		**3,195,671,873.90**	**1,813,271,548.30**
033	ASSETS CLASSIFIED AS HELD FOR SALE		0.00	0.00
036	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	20	37,663,574.03	1,742,000.00
037	**TOTAL ASSETS**		**35,381,081,677.69**	**34,923,382,542.85**
038	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
039	**EQUITY**		**0.00**	**0.00**
040	EQUITY SHARE CAPITAL	21	0.00	0.00
041	OTHER EQUITY	22	966,003,848.41	793,628,219.26
044	**TOTAL EQUITY**		**966,003,848.41**	**793,628,219.26**
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	23	0.00	0.00

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Location: NTPC LTD.

BARAUNI TPS

BALANCE SHEET **(Amount in ₹)**

	As at	Note	31.03.2023	31.03.2022
050	II) LEASE LIABILITIES	23A	0.00	0.00
051	**III) TRADE PAYABLES**		**0.00**	**0.00**
052	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	24	0.00	472,987.74
053	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	24	0.00	1,446,584.93
054	IV) OTHER FINANCIAL LIABILITIES	25	4,919,880.07	14,747,362.21
055	PROVISIONS	26	0.00	0.00
056	DEFERRED TAX LIABILITIES (NET)	27	0.00	0.00
057	OTHER NON-CURRENT LIABILITIES	28	0.00	0.00
058			**0.00**	**0.00**
059	**TOTAL NON-CURRENT LIABILITIES**		**4,919,880.07**	**16,666,934.88**
060			**0.00**	**0.00**
061	**CURRENT LIABILITIES**		**0.00**	**0.00**
062	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
063	I) BORROWINGS	29	0.00	0.00
064	II) LEASE LIABILITIES	29A	0.00	0.00
065	**II) TRADE PAYABLES**		**0.00**	**0.00**
066	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	30	58,455,366.40	62,103,055.35
067	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	30	561,731,164.15	686,997,854.32
068	III) OTHER FINANCIAL LIABILITIES	31	3,622,437,694.84	3,688,587,544.54
069	OTHER CURRENT LIABILITIES	32	74,970,771.23	42,824,909.77
070	PROVISIONS	33	165,572,440.46	196,623,398.87
071	CURRENT TAX LIABILITIES (NET)	34	0.00	0.00
072			**0.00**	**0.00**
073	**TOTAL CURRENT LIABILITIES**		**4,483,167,437.08**	**4,677,136,762.85**
074			**0.00**	**0.00**
077	DEFERRED REVENUE	35	0.00	0.00
078	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	36	0.00	0.00
079	INTER UNIT ACCOUNTS		29,926,990,512.13	29,435,950,625.86
080			**0.00**	**0.00**
081	**TOTAL EQUITY AND LIABILITIES**		**35,381,081,677.69**	**34,923,382,542.85**
082	Significant Accounting Policies as per note 1	1	0.00	0.00
083			0.00	0.00
084	The Accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00
085			**0.00**	**0.00**

RADHEY SHYAM AGARWAL Digitally signed by RADHEY SHYAM AGARWAL Date: 2023.04.27 20:01:24 +05'30'

(Auditor Initial & Stamp)

NARENDER KUMAR CHATRATH Digitally signed by NARENDER KUMAR CHATRATH Date: 2023.04.27 17:54:36 +05'30'

(Head of Finance)

(Head of Unit)

रमाकान्त पंडा / RAMAKANTA PANDA
परियोजना प्रमुख / Head of Project
बीटीपीएस, एनटीपीसी लि०/ BTPS, NTPC Ltd.
बरौनी, बेगूसराय-851116 / Barauni, Begusarai-851116

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Location: NTPC LTD.

BARAUNI TPS

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	16,501,790,447.65	10,459,394,521.49
003	Other income	38	55,571,176.93	36,592,484.97
005	**Total Income**		**16,557,361,624.58**	**10,495,987,006.46**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	38A	10,387,910,893.41	6,001,418,926.76
009	Employee benefits expense	39	683,690,853.44	489,733,315.73
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	40	1,521,336,219.11	824,664,981.81
012	Depreciation and amortization expenses	41	2,158,667,372.97	1,332,352,405.30
013			0.00	0.00
014	Other expenses	42	1,571,780,784.73	1,146,415,904.69
015	CC expenses charge to revenue		220,560,224.49	168,884,281.78
016	Less: Unit expenses transferred to CC		0.00	0.00
017	**Total expenses**		**16,543,946,348.15**	**9,963,469,816.07**
020	**Profit before exceptional items & tax**		**13,415,276.43**	**532,517,190.39**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**13,415,276.43**	**532,517,190.39**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		**0.00**	**0.00**
036	**Profit for the period before regulatory deferral account balances**		**13,415,276.43**	**532,517,190.39**
037	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		37,663,574.03	-3,813,000.00
040	Tax impact on Regulatory deferral account balances		0.00	0.00
041	**Movement in Regulatory deferrall account balances (Net of Tax)**		**37,663,574.03**	**-3,813,000.00**
042	**Profit for the period/ year**		**51,078,850.46**	**528,704,190.39**
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 acturial gains/(losses) on defined benefit plans		-5,067,312.76	-2,019,584.16
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**		**-5,067,312.76**	**-2,019,584.16**
070			0.00	0.00
071			0.00	0.00
072	**Total Comprehensive Income for the year**		**46,011,537.70**	**526,684,606.23**

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BARAUNI TPS

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2023	31.03.2022
086			0.00	0.00
087	**Earnings per equity share:**		**0.00**	**0.00**
088	Basic & Diluted		0.00	0.00
089	Significant Accounting Policies		0.00	0.00
090			0.00	0.00
091	The accompanying notes 1 to 44 form an integral part of these financial statements.		0.00	0.00

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(Head of Finance)

(Head of Unit)

रमाकान्त पंडा / RAMAKANTA PANDA
परियोजना प्रमुख / Head of Project
बीटीपीएस, एनटीपीसी लि०/ BTPS, NTPC Ltd.
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Location: NTPC LTD.

BARAUNI TPS

OTHER COMPREHENSIVE INCOME **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
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 acturial gains/(losses) on defined benefit plans	-5,067,312.76	-2,019,584.16
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**	**-5,067,312.76**	**-2,019,584.16**
013		0.00	0.00
014	**Total comprehensive income for the year (A+B)**	**-5,067,312.76**	**-2,019,584.16**

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Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
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	224477080.00	0.00	0.00	224477080.00	6413630.93	6413630.86	0.00	12827261.79	211649818.21	218063449.07
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 & helipads	83028453.22	0.00	0.00	83028453.22	6350204.22	3675171.62	0.00	10025375.84	73003077.38	76678249.00
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 Main plant	3133154541.20	0.00	(2217972.69)	3130936568.51	188498990.99	112059879.79	(154182.78)	300404688.00	2830531880.51	2944655550.21
11 Others	902531891.13	11578358.21	0.00	914110249.34	91569587.11	47049014.13	0.00	138618601.24	775491648.10	810962304.02
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	1866331.02	0.00	0.00	1866331.02	1866331.02	0.00	0.00	1866331.02	0.00	0.00
14 Water Supply, drainage & sewerage system	166378039.47	0.00	0.00	166378039.47	14498411.35	7531287.49	0.00	22029698.84	144348340.63	151879628.12
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	95241913.84	345581993.13	0.00	440823906.97	2095322.10	9825537.50	0.00	11920859.60	428903047.37	93146591.74
18 Earth dam reservoir	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 works) Owned Asset	27064912943.52	1980948761.83	(93658393.21)	28952203312.14	2499119652.69	2094012900.00	(119792512.65)	4473340040.04	24478863272.10	24565793290.83

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block 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	51388531.98	7359698.00	50028.18	58798258.16	10425536.98	3070541.92	3001.68	13499080.58	45299177.58	40962995.00
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	7763324.04	1820000.00	0.00	9583324.04	5187908.91	758182.22	0.00	5946091.13	3637232.91	2575415.13
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	26335723.76	6421123.79	0.00	32756847.55	6169131.55	3159853.48	0.00	9328985.03	23427862.52	20166592.21
26 EDP, WP machines and satcom equipment	24328386.56	8825555.00	(119980.40)	33033961.16	16817725.61	5607312.08	(119980.40)	22305057.29	10728903.87	7510660.95
27 Construction equipments	35381461.96	0.00	0.00	35381461.96	8771641.44	3987723.74	0.00	12759365.18	22622096.78	26609820.52
28 Electrical Installations	301267561.25	74481556.06	(57537950.25)	318211167.06	75569567.05	47114509.16	(17388594.27)	105295481.94	212915685.12	225697994.20
29 Communication equipments	7713723.05	400739.00	0.00	8114462.05	918348.72	1201143.66	0.00	2119492.38	5994969.67	6795374.33
30 Hospital equipments	6651490.00	228280.00	(50028.18)	6829741.82	782643.54	820673.74	(3001.68)	1600315.60	5229426.22	5868846.46
31 Laboratory and workshop equipments	3606335.94	3021460.00	0.00	6627795.94	162447.83	250361.36	0.00	412809.19	6214986.75	3443888.11
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

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Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block As At 31.03.2022
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 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 fly 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)	32136027731.94	2440667525.02	(153534296.55)	34423160960.41	2935217082.04	2346537722.75	(137455270.10)	5144299534.69	29278861425.72	29200810649.90
Grand Total Prev Year (Tangible)	19533926783.01	12614433727.31	(12332778.38)	32136027731.94	1476653076.59	1461596056.16	(3032050.71)	2935217082.04	29200810649.90	18057273706.42

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 2 : Property, Plant And Equipment
Business Area :1072

(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**
Disposal of assets	(119980.40)	(55562.21)	(119980.40)	(55562.21)
Retirement of assets	(151196343.46)	(15356147.63)	(137181106.92)	(4360839.81)
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	(2217972.69)	3078931.46	(154182.78)	1384351.31
Others	0.00	0.00	0.00	0.00
TOTAL	**(153534296.55)**	**(12332778.38)**	**(137455270.10)**	**(3032050.71)**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Location: NTPC LTD.

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land		1691272.05			1691272.05
3	Roads, bridges, culverts & helipads		87191927.00			87191927.00
4	Piling and foundation					
5	Buildings :					
6	Main plant	79971061.81	14057973.27			94029035.08
7	Others	4734419.64	28774404.61		6237558.21	27271266.04
8	Temporary erection					
9	Water supply, drainage and sewerage system		8395020.37	(1946345.99)		6448674.38
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system					
12	Railway siding	58080808.15	386154070.08	(345581993.13)		98652885.10
13	Earth dam reservoir					
14	Plant and equipment	2222518871.15	1005258417.61	(1194373058.82)	428013617.45	1605390612.49
15	Furniture and fixtures					
16	Vehicles					
17	Office equipment		258000.07			258000.07
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations	59547827.59	24180753.63	(74506788.71)		9221792.51
21	Communication equipment					
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km 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 loans					

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
Note 3: Capital-Work-in-Progress
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)	182290842.64	(761305464.03)	579014621.39		
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		17815394.36			17815394.36
33	LESS : Allocated to related works		17815394.36			17815394.36
34	LESS : Provision for Unservicable works					
35	**Construction stores (At Cost)**					
36	Steel					
37	Cement					
38	Others	324402299.97	15378006.91	(134356431.88)		205423875.00
39	**Sub-total**	**324402299.97**	**15378006.91**	**(134356431.88)**		**205423875.00**
40	LESS : Provision for shortages					
41	**Sub-total**	**324402299.97**	**15378006.91**	**(134356431.88)**		**205423875.00**
42	**Total CWIP**	**2931546130.95**	**810034381.57**	**(1171749997.14)**	**434251175.66**	**2135579339.72**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**12970504887.27**	**501532175.25**	**476211965.64**	**11160824511.87**	**2931546130.95**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Location: NTPC LTD.

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

Asset Class	Opening Gross Block As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2023	Opening Depreciation As At 01.04.2022	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2023	Net Block As At 31.03.2023	Net Block 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- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	5348338.13	0.00	0.00	5348338.13	2750481.07	1731904.71	0.00	4482385.78	865952.35	2597857.06
Grand Total (Intangible)	5348338.13	0.00	0.00	5348338.13	2750481.07	1731904.71	0.00	4482385.78	865952.35	2597857.06
Grand Total Prev Year (Intangible)	5348338.13	0.00	0.00	5348338.13	1018576.36	1731904.71	0.00	2750481.07	2597857.06	4329761.77

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Location: NTPC LTD.

Note forming part of Balance Sheet
Note-4 Non Current Assets- Intangible Assets
Business Area :1072

(Amount in Rupees)

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**
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

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Note forming part of Balance Sheet
Note 5: Intangible Assets under Development
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2022	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2023
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
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

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Location: NTPC LTD.

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
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	PATRATU 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 RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO 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 (RGPPL)			0.00	0.00
026	NTPC Green Energy Limited			0.00	0.00
027	Green Valley Renewable Energy Limited			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

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
061	ARAVALI POWER COMPANY PRIVATE LTD.			0.00	0.00
062	Jhabua Power Ltd.			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 LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL 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 LTD			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
136	Aggregate amount of Unquoted Investments			0.00	0.00

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Location: NTPC LTD

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 Note 1.			0.00	0.00
154				0.00	0.00
202				0.00	0.00
233				0.00	0.00

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BARAUNI TPS

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
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
098	Jhabua Power Limited-8.5% Non convertible debentures - private placement			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
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. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

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BARAUNI TPS

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**

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Location: NTPC LTD.

BARAUNI TPS

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	53,213,709.59	40,698,840.25
012	UNSECURED	18,579,622.35	15,494,008.60
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	16,495,515.53	10,588,681.84
017	UNSECURED	2,920,466.95	3,477,090.83
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
026	**SUB TOTAL**	**52,377,349.46**	**42,127,076.18**
027		0.00	0.00
028	**TOTAL**	**52,377,349.46**	**42,127,076.18**
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 personel	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) APIIC	0.00	0.00
061		0.00	0.00
062	RPD	0.00	0.00
063	i)Key management personel	0.00	0.00

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Location: NTPC LTD

BARAUNI TPS

NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
064	ii)Subsidiary companies	0.00	0.00
065	iii)Joint Venture companies	0.00	0.00
066	iv)Others	0.00	0.00
067	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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	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 Labortory 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**

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD

BARAUNI TPS

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	30,217,294.00	1,926,209.00
007	OTHERS	625,095,227.99	867,123,447.37
008	CONSIDERED DOUBTFUL	0.00	0.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010	**Sub-Total**	**655,312,521.99**	**869,049,656.37**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	9,132,120.00	51,045,720.00
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**	**9,132,120.00**	**51,045,720.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029	Pre Paid expenses	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	843,546.41	451,087.03
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**843,546.41**	**451,087.03**
043	DEFERRED PAYROLL EXPENSES (SECURED)	12,563,957.39	8,059,121.73
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	2,210,016.72	2,681,695.33
045	**Sub Total**	**14,773,974.11**	**10,740,817.06**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	0.00	0.00
049		0.00	0.00
050	**Total**	**680,062,162.51**	**931,287,280.46**
051		0.00	0.00
052		0.00	0.00
062	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
064		0.00	0.00
065	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
066		0.00	0.00
067	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
068	Aravali Power Company Private Ltd.	0.00	0.00
069	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

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BARAUNI TPS

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	Nabinagar Power Generating Company Ltd.	0.00	0.00
073	National High Power Test Labortory 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 personel	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**

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BARAUNI TPS

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	200,939,028.78	478,031,568.64
004	Fuel oil	459,062,428.36	289,623,914.60
005	Naphtha	0.00	0.00
006	Stores and spares	574,164,394.24	335,485,062.61
007	Chemicals & consumables	40,380,245.45	34,021,840.84
008	Loose tools	2,914,584.15	278,012.78
009	Steel Scrap	6,916,303.56	3,992,587.19
010	Others	111,695,160.55	21,705,712.11
011		0.00	0.00
012	**Sub Total**	**1,396,072,145.09**	**1,163,138,698.77**
013	Less: Provision for shortages	0.00	27,878.14
014	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	0.00	0.00
016		0.00	0.00
017	**Total**	**1,396,072,145.09**	**1,163,110,820.63**
018	**Inventories include material in transit**	**0.00**	**0.00**
019	Coal	38,329,343.00	3,594,904.55
020	Fuel oil	0.00	0.00
021	Naphtha	0.00	0.00
022	Stores and spares	6,393,369.68	2,505,000.35
023	Chemicals & consumables	0.00	0.00
024	Loose tools	0.00	0.00
025	Others	340,548.00	0.00
026		**0.00**	**0.00**
028	Inventory items other than steel scrap have been valued considering Note 1.	0.00	0.00

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BARAUNI TPS

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**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046				0.00	0.00
047	**Sub Total**			**0.00**	**0.00**
048				**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

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BARAUNI TPS

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	320,896.60	275,348.01
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**320,896.60**	**275,348.01**
008	**Total**	**320,896.60**	**275,348.01**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**320,896.60**	**275,348.01**
012	Less: Discom Clearing	0.00	0.00
014		0.00	0.00
015	**Grand Total**	**320,896.60**	**275,348.01**
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	320,896.60	275,348.01
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**	**320,896.60**	**275,348.01**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	271,396.73	275,348.01
243	6 months -1 year	49,499.87	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)**	**320,896.60**	**275,348.01**
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

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BARAUNI TPS

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**	**-641,793.20**	**-550,696.02**

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BARAUNI TPS

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**

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BARAUNI TPS

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

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BARAUNI TPS

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	9,792,692.56	9,165,214.63
012	Unsecured	22,204,620.15	14,842,381.88
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)**	**31,997,312.71**	**24,007,596.51**
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 personel	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 personel	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

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BARAUNI TPS

NOTE NO. 17 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
066	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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	-8,171,139.99	-367,258.82
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	952,654.00	2,651,204.00
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)**	**-7,218,485.99**	**2,283,945.18**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	0.00	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	Contract Asset- Revenue	1,194,856,478.23	155,152,023.58
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	6,217,022.05	8,973,677.18
062	Credit impaired	0.00	0.00
063		0.00	0.00
064	**Sub-Total**	**6,217,022.05**	**8,973,677.18**
065	Less: Allowance for credit impaired receivables	0.00	0.00
066	**Total**	**6,217,022.05**	**8,973,677.18**
067		0.00	0.00
068	Others*	0.00	0.00
070		0.00	0.00

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Date: 2024.11.30 17:19:14 IST
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BARAUNI TPS

NOTE NO. 18 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
071	**Total**	**1,193,855,014.29**	**166,409,645.94**
072	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
073	**Advances to related parties include:**	**0.00**	**0.00**
074	i)Key management personel	0.00	0.00
075		0.00	0.00
076	iii)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	-8,171,139.99	-367,258.82
083	Related Party (Adv)- Joint Ventures	0.00	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**	**-8,171,139.99**	**-367,258.82**

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BARAUNI TPS

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*	56,097,600.00	0.00
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	412,289.50	2,217,258.00
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	278,079,816.87	176,160,649.48
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	1,963,885.16	2,242,498.38
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)	1,336,380.54	1,029,664.45
028	Deferred Payroll Expenses (Unsecured)	1,164,185.16	1,160,452.95
029	**Sub-total**	**2,500,565.70**	**2,190,117.40**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	234,106,446.98	276,502,120.99
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	265,901.00	155,492.96
043		0.00	0.00
045	**Total (Other Current Assets)**	**573,426,505.21**	**459,468,137.21**
046	**Include Prepaid Expenses	1,963,885.16	2,192,489.82
047	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

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BARAUNI TPS

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 personel	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

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BARAUNI TPS

NOTE NO. 20 TO THE FS--REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES **(Amount in ₹)**

	As at	31.03.2023	31.03.2022
001	On account of Exchange Differences	37,663,574.03	1,742,000.00
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**	**37,663,574.03**	**1,742,000.00**

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BARAUNI TPS

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	16,60,00,00,000 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/- (Pv. 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/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

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BARAUNI TPS

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: Utlised 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	69,203,633.74	9,952,338.00
048	TRANSFERRED TO CC	0.00	0.00
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	126,364,091.45	59,251,295.74
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	0.00	0.00

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BARAUNI TPS

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**	**195,567,725.19**	**69,203,633.74**
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: Utlised 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: UTLISED 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	737,939,155.31	209,234,964.92
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	51,078,850.46	528,704,190.39
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

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BARAUNI TPS

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**	**789,018,005.77**	**737,939,155.31**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-13,514,569.79	-11,494,985.63
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	-5,067,312.76	-2,019,584.16
114	**SUB-TOTAL**	**-18,581,882.55**	**-13,514,569.79**
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**	**966,003,848.41**	**793,628,219.26**
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

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BARAUNI TPS

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

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	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 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

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	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

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	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-nonvertible 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

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	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)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

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	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	8.18% 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

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Location: NTPC LTD.

	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 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)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 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)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)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

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	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 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

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	As at	31.03.2023	31.03.2022
	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		
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 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
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 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

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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)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

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	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)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

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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

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BARAUNI TPS

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:- Interst accrued but not due on secured borrowings	0.00	0.00
131	Less:- Interst 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

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BARAUNI TPS

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**

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BARAUNI TPS

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	0.00	472,987.74
004	- Others	0.00	1,446,584.93
005		0.00	0.00
007	**Total**	**0.00**	**1,919,572.67**

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BARAUNI TPS

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	0.00
004	- Others	4,919,880.07	14,747,362.21
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**	**4,919,880.07**	**14,747,362.21**

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BARAUNI TPS

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**

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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

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BARAUNI TPS

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	0.00	0.00
006		0.00	0.00
007	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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Location: NTPC LTD

BARAUNI TPS

NOTE NO. 30 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	58,455,366.40	62,103,055.35
004	- Others	561,731,164.15	686,997,854.32
005		0.00	0.00
007	**Total**	**620,186,530.55**	**749,100,909.67**
008		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	19,702,190.00	27,416,140.50
175	Not due	18,389,126.00	25,680,319.16
176	**Due**	**20,364,050.00**	**9,006,595.69**
177	Disputed	0.00	0.00
178	Undisputed	20,364,050.00	9,006,595.69
179		0.00	0.00
180	**Sub-total (A)**	**58,455,366.00**	**62,103,055.35**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	300,542,563.06	496,979,114.90
184	Not due	58,570,575.46	23,411,212.80
185	**Due**	**202,618,025.60**	**166,607,526.62**
186	Disputed	0.00	0.00
187	Undisputed	202,618,025.60	166,607,526.62
188		0.00	0.00
189	**Sub-total (B)**	**561,731,164.12**	**686,997,854.32**
190		0.00	0.00
191	**Total**	**620,186,530.12**	**749,100,909.67**
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	20,364,050.00	9,006,595.69
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)**	**20,364,050.00**	**9,006,595.69**
208		0.00	0.00
209	**Total MSME (III)**	**20,364,050.00**	**9,006,595.69**
210		0.00	0.00

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BARAUNI TPS

NOTE NO. 30 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	202,618,025.60	149,430,398.10
221	1-2 years	0.00	15,213,360.53
222	2-3 years	0.00	408,420.99
223	More than 3 years	0.00	1,555,347.00
224	**Sub Total (V)**	**202,618,025.60**	**166,607,526.62**
225		0.00	0.00
226	**Total Others (VI)**	**202,618,025.60**	**166,607,526.62**

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BARAUNI TPS

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	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	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	1,659,182.29	10,825,742.00
034	- Others	3,604,068,703.05	3,662,477,898.54
035	**Others Payables**	**0.00**	**0.00**
036	Deposits from contractors and others	8,882,579.00	9,442,579.00
037	Gratuity Obligations	0.00	0.00
038	Payable to employees	6,748,706.50	2,808,398.00
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 **	1,078,524.00	3,032,927.00
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**	**3,622,437,694.84**	**3,688,587,544.54**
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

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BARAUNI TPS

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	43,535,863.25	13,609,329.39
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	31,434,907.98	29,215,580.38
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
009		0.00	0.00
010		0.00	0.00
011	**Total**	**74,970,771.23**	**42,824,909.77**

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BARAUNI TPS

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	196,623,398.87	217,917,574.87
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	31,050,958.41	21,294,176.00
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**165,572,440.46**	**196,623,398.87**
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	0.00	0.00
044	Additions during the year	0.00	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**	**0.00**	**0.00**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	0.00	0.00
050	Additions during the year	0.00	0.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**0.00**	**0.00**
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**	**165,572,440.46**	**196,623,398.87**

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BARAUNI TPS

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**

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BARAUNI TPS

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	0.00	0.00
004	Government grants	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

NOTE NO. 37 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	16,558,623,688.65	10,544,732,727.49
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	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**16,558,623,688.65**	**10,544,732,727.49**
010	Less: Rebate to customers	56,833,241.00	85,338,206.00
011	**Energy Sales (Total)**	**16,501,790,447.65**	**10,459,394,521.49**
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**	**16,501,790,447.65**	**10,459,394,521.49**
019	Sale of fly ash/ash products	126,364,091.45	59,251,295.74
020	Less: Transferred to fly ash utilisation reserve fund	-126,364,091.45	-59,251,295.74
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	0.00	0.00
024	Energy Internally Consumed *	0.00	0.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form 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**	**16,501,790,447.65**	**10,459,394,521.49**
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,cenospere & 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

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BARAUNI TPS

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 (8.5% Tax Free Bonds issued by the State Goverments)	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 Securties-Non-Trade	0.00	0.00
009	Less: Amortziation 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	5,954,971.22	6,316,555.65
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	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	0.00	0.00
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	1,200.00	35.00
045	Profit on redemption of GOI securities	0.00	0.00

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BARAUNI TPS

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	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	29,634,837.00	2,964,494.00
048	Hire charges for equipment	0.00	0.00
049	Gain on option contract / Discount on F.ExchContract	0.00	0.00
050	Provision written back-others	0.00	0.00
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	20,084,769.03	27,872,037.58
057	**Total**	**55,675,777.25**	**37,153,643.23**
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	104,600.32	561,158.26
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**	**55,571,176.93**	**36,592,484.97**
066		0.00	0.00
067	**Details of Miscellaneous Income**	**0.00**	**0.00**
068	Vehicle Hire Charges.	92,000.00	62,000.00
069	Sale of by products & residuals	0.00	0.00
070	Township recoveries(exl. Hospital Recoveries).	5,592,904.37	9,452,984.48
071	Depreciation written back	0.00	0.00
072	Sale of Scrap.	4,037,108.63	15,186,950.30
073	Receipt under loss of profit policy.	0.00	0.00
074	Receipts under MBD/Fire Policy.	0.00	0.00
075	Management development programme.	0.00	0.00
076	Management Fee - Misc (NVVN)	0.00	0.00
077	Others	10,362,756.03	3,170,102.80
078		0.00	0.00
079	**Total (Miscellaneous Income)**	**20,084,769.03**	**27,872,037.58**
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	0.00	0.00
084	Doubtful Construction Advances	0.00	0.00
085	Shortage in Construction Stores	0.00	0.00
086	Shortage in Stores	0.00	0.00
087	Obsolescence in Stores	0.00	0.00

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BARAUNI TPS

NOTE NO. 38 TO THE FS--OTHER INCOME **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
088	Unserviceable capital works	0.00	0.00
089	Other Obligation including Arbitration	0.00	0.00
090	Shortage in Fixed Assets	0.00	0.00
091	Diminution in value of Investment	0.00	0.00

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BARAUNI TPS

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	10,000,000,106.31	5,791,869,502.39
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	387,910,787.10	209,549,424.37
008	Biomass Pellets & Others	0.00	0.00
009		0.00	0.00
010	**Total**	**10,387,910,893.41**	**6,001,418,926.76**
011		0.00	0.00

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BARAUNI TPS

NOTE NO. 39 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	554,358,594.28	499,077,306.79
003	Contribution to provident and other funds	72,563,435.13	62,539,052.02
004	Unwinding of deferred payroll expense	2,497,024.19	3,465,438.89
005	Staff welfare expenses	102,135,785.73	77,657,374.82
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**731,554,839.33**	**642,739,172.52**
009	Less: Employee benefits expense allocated to fuel inventory	31,293,872.56	21,093,560.63
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	3,922.10	0.00
015	Less: Transferred to expenditure during construction period (net)- Note 43	16,566,191.23	131,912,296.16
016	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018		0.00	0.00
019	**TOTAL**	**683,690,853.44**	**489,733,315.73**
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

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BARAUNI TPS

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	68,609,764.63	35,910,449.99
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	27,115,186.87	0.00
006	Rupee term loans	1,423,476,766.00	1,346,845,422.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	2,086,109.23	205,320.31
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**1,521,287,826.73**	**1,382,961,192.30**
013	Interest on non financial items	0.00	0.00
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	48,392.38	16,223.78
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ 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	0.00
026	**Sub Total (Other Borrowing cost)**	**48,392.38**	**16,223.78**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**0.00**	**0.00**
029	**Sub Total**	**1,521,336,219.11**	**1,382,977,416.08**
030	Less: Transferred to Expenditure during construction period (net) - Note 43	0.00	558,312,434.27
031	Less: Transferred to development of coal mines-Note 43A	0.00	0.00
032		0.00	0.00
034	**Total**	**1,521,336,219.11**	**824,664,981.81**

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BARAUNI TPS

NOTE NO. 41 TO THE FS--DEPRECIATION AND AMORTIZATION EXPENSES **(Amount in ₹)**

	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	2,346,537,722.75	1,461,596,056.16
003	On investment property	0.00	0.00
004	On intangible assets- Note 4	1,731,904.71	1,731,904.71
005		0.00	0.00
006	Sub-total	2,348,269,627.46	1,463,327,960.87
007	Less:	0.00	0.00
008	Allocated to fuel inventory	189,555,750.41	129,983,038.47
009	Transferred to Expenditure during Construction Period (net)- Note 43	46,504.08	992,517.10
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	0.00	0.00
013		0.00	0.00
015	**Total**	**2,158,667,372.97**	**1,332,352,405.30**

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Location: NTPC LTD

BARAUNI TPS

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	33,578,603.00	38,932,446.00
003	Less: Recovered from contractors & employees	1,148,340.44	849,318.53
004	**Sub-Total(Power Charges)**	**32,430,262.56**	**38,083,127.47**
005	Water charges	63,750,000.00	63,750,000.00
006	Stores consumed	34,021,802.43	20,567,837.75
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	48,145,261.88	51,462,434.90
013	Plant & machinery	0.00	0.00
014	Power stations	756,147,147.37	614,303,477.70
015	Construction equipment	0.00	0.00
016	Others	56,558,123.76	32,355,533.92
017	**Sub-total (Repairs & maintenance)**	**860,850,533.01**	**698,121,446.52**
019	Load Dispatch Center Charges	10,758,115.00	5,774,642.00
021	Insurance	38,928,574.84	25,676,157.02
022	Interest to beneficiaries	0.00	0.00
023	Rates and taxes	10,473,547.85	8,434,507.37
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	2,234,993.00	110,000.00
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**2,234,993.00**	**110,000.00**
028	Communication expenses	8,482,794.65	7,964,787.71
029	Inland Travel	28,698,825.65	22,678,963.77
030	Foreign Travel	369,383.50	0.00
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	249,751.00	0.00
041	Electricity duty	0.00	0.00
042	Security expenses	380,120,323.02	341,479,985.45
043	Entertainment expenses	6,046,689.10	4,240,448.67
044	Expenses for guest house	3,938,148.23	10,838,354.77
045	Less:Recoveries	13,367.60	10,887.40
046	**Sub-Total (Guest house expenses)**	**3,924,780.63**	**10,827,467.37**
047	Education expenses	0.00	0.00
049	Donations	0.00	0.00

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BARAUNI TPS

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
050	Ash utilisation & marketing expenses	2,555,912.84	2,533,013.98
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	10,884,683.00	217,626.00
054	Legal expenses	3,147,200.00	2,070,023.00
055	EDP hire and other charges	1,577,995.00	900,713.50
056	Printing and stationery	1,181,032.10	1,293,027.20
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	16,940,831.52	16,154,009.24
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	37,663,574.03	246,500.00
066	Transport Vehicle running expenses	0.00	126,756.00
067	Horticulture Expenses	9,884,892.18	9,421,922.92
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	9,458,500.85	11,518,763.22
074	Loss on disposal/write-off of PPE	14,015,236.54	5,460,307.82
075	**Sub-Total**	**1,588,650,234.30**	**1,297,652,033.98**
076	Less: Other expenses allocated to fuel inventory	82,254,700.57	54,878,499.40
077	Less: Transferred/Allocated to development of coal mines	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	2,555,912.84	2,328,010.00
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	2,508,073.16	168,876,498.03
083	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084	**Net (Generation, Administration and Other expenses)**	**1,501,331,547.73**	**1,071,569,026.55**
085	Corporate Social Responsibility Expenses	1,295,237.00	0.00
086	Less: Grants-in-aid	0.00	0.00
087	**Sub-total (Corporate Social Responsibility Expenses)**	**1,295,237.00**	**0.00**
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	27,878.14

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BARAUNI TPS

NOTE NO. 42 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2023	31.03.2022
093	Obsolete/Dimunition in the value of surplus stores	0.00	0.00
094	Shortage in construction stores	0.00	0.00
095	Dimunition in value of long term investments	0.00	0.00
096	Shortage in Fixed assets	0.00	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	69,154,000.00	74,819,000.00
100	Others :	0.00	0.00
101	(i) Provision for arbitration cases	0.00	0.00
102	(ii) Other provisions	0.00	0.00
103	**Total (Provisions)**	**69,154,000.00**	**74,846,878.14**
104		0.00	0.00
106	**Total**	**1,571,780,784.73**	**1,146,415,904.69**
107		0.00	0.00
108	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
110	Hire charges of office equipment	1,500.00	0.00
112	Operating expenses of construction equipment	0.00	0.00
113	Operating expenses of D.G. sets	0.00	0.00
114	Furnishing expenses	446,363.65	230,566.84
115	Subscription to trade and other associations.	0.00	0.00
117	Visa and entry permit charges	0.00	0.00
118	Tree plantation exp.-NTPC Land	0.00	0.00
119	Research & development expenses .	0.00	0.00
120	Less : Grants received for Research & develoment expenses.	0.00	0.00
121	Sub-total (Research & development expenses)	0.00	0.00
122	Bank charges	1,292.54	2.25
123	Business Development Expenditure	0.00	0.00
124	Surcharge (NVVN)	0.00	0.00
125	Power Trading Expenses	0.00	0.00
126	Brokerage & commission	160,298.00	403,802.00
130	Books and periodicals	24,995.00	41,760.00
131	Claims/advances written off	0.00	0.00
132	Stores written off	0.00	0.00
133	Survey &Investigation expenses written off	0.00	0.00
134	Others	8,824,051.66	10,842,632.13
135	**Total**	**9,458,500.85**	**11,518,763.22**
136		0.00	0.00
137		0.00	0.00
138		0.00	0.00

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BARAUNI TPS

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	11,749,670.96	111,831,299.33
004	Contribution to provident and other funds	2,215,075.00	13,142,830.08
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	2,601,445.27	6,938,166.75
007	**Total (A)**	**16,566,191.23**	**131,912,296.16**
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	19,714,607.32
011	Foreign currency term loans	0.00	0.00
012	Rupee term loans	0.00	538,584,646.27
013	Foreign currency bonds/notes	0.00	0.00
014	Unwinding of discount on account of vendor liabilities	0.00	4,725.79
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	8,454.89
027	Exchange differences regarded as adjustment to interest cost	0.00	0.00
028	**Total (B)**	**0.00**	**558,312,434.27**
029		0.00	0.00
030	C. Depreciation and amortisation	46,504.08	992,517.10
031	**D. Generation , administration and other expenses**	**0.00**	**0.00**
032	Power charges	0.00	14,034,050.00
033	Less: Recovered from contractors & employees	38,594.50	237,376.86
034	**Sub-total(Net power charges)**	**-38,594.50**	**13,796,673.14**
035	Water charges	0.00	0.00
036	Rent	0.00	0.00
037	Repairs & maintenance	0.00	0.00
038	Buildings	0.00	864,675.00
039	Construction equipment	0.00	0.00
040	Others	1,235,770.39	119,151.00
041		0.00	0.00
042	Insurance	0.00	0.00

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BARAUNI TPS

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	0.00	1,575.00
044	Communication expenses	338,927.00	1,470,720.32
045	Travelling expenses	746,473.82	5,111,301.03
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	145,797,641.33
051	Entertainment expenses	188,670.00	1,353,418.00
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	8,389.60	78,235.20
063	Miscellaneous expenses	28,436.85	283,108.01
064	**Total (D)**	**2,508,073.16**	**168,876,498.03**
065	**Total (A+B+C+D)**	**19,120,768.47**	**860,093,745.56**
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	104,600.32	561,158.26
076	**TOTAL (E)**	**104,600.32**	**561,158.26**
077	F. Net actuarial gain/loss OCI	0.00	528,359.73
078		0.00	0.00
079	**GRAND TOTAL (A+B+C+D-E+F)**	**19,016,168.15**	**860,060,947.03**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**19,016,168.15**	**860,060,947.03**

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BARAUNI TPS

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 deffered 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

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BARAUNI TPS

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**

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BARAUNI TPS

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)	916.05	916.05
007	(b) value (in rs)	224,477,080.00	224,477,080.00
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 possesession 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 adjus	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	293.75	293.75
017	(b) value (in rs)	0.00	0.00
018	-Freehold	0.00	0.00
019	-Right of Use	0.32	0.32
020	Right-of-use buildings pending completion of legal fomalities - 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	6,108,000,501.45	6,123,586,643.00
023	Intangible assets	0.00	0.00
024	Details of precommissioning expenditure	0.00	0.00
025	(a) precommissioning expenses	0.00	182,290,842.64
026	(b) precommissioning income	0.00	0.00
027	(c) net precommissioning expenditure	0.00	182,290,842.64
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)	0.00	4,059,500.00
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	0.00	0.00
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

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD

BARAUNI TPS

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	0.00	558,312,434.27
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 sustainibility development - capital	0.00	0.00
106	Expenditure on csr- 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 msmed act 2006.	0.00	0.00
116	(i) (a) the principal amount remaining unpaid as at year end	-60,114,548.69	-73,401,785.09
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)	10,649,918,398.12	6,162,451,577.45
123	Amount of inventories capitalised as overhauling assets out of 122 above	7,085,145.22	10,381,295.06
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	30,624,732.76	30,624,732.76
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 / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

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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	-200,588,315.00	145,168,822.95
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	0.00	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/GST	0.00	0.00
154	(v) Entry tax	0.00	0.00
155	C. Others	0.00	0.00
156	**Total**	**-169,963,582.24**	**175,793,555.71**
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	145,168,822.95
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**	**145,168,822.95**
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	2,135,579,339.72	2,931,546,130.95
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	824,576,986.50	1,149,826,966.43
285	1-2 years	370,605,970.88	337,688,072.52
286	2-3 years	227,514,388.76	102,166,952.46
287	More than 3 years	712,881,993.58	1,341,864,139.54
288	**Sub Total (I)**	**2,135,579,339.72**	**2,931,546,130.95**
289		0.00	0.00

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Location: NTPC LTD

BARAUNI TPS

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

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Location: NTPC LTD.

BARAUNI TPS

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	62,181,700.86
010	- from joint ventures	0.00	1,496,481.00
011	- from key managerial personnel	0.00	0.00
012	- from post employment benfit plans	0.00	0.00
013	- from others	0.00	0.00
014	Sub-total	0.00	63,678,181.86
015	**Amount payable**	**0.00**	**0.00**
016	- from subsidiaries	0.00	0.00
017	- from joint ventures	27,155,549.11	44,962,117.12
018	- from key managerial personnel	0.00	0.00
019	- from post employment benfit plans	0.00	0.00
020	- from others	0.00	0.00
021	Sub-total	27,155,549.11	44,962,117.12
022		0.00	0.00

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BALANCE SHEET FOR FY 2023-2024

BARAUNI TPS

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	2	27,425,828,785.27	29,278,861,425.72
005	CAPITAL-WORK-IN-PROGRESS	3	1,630,286,133.82	2,135,579,339.72
006	INVESTMENT PROPERTY	4	0.00	0.00
007	INTANGIBLE ASSETS	5	0.00	865,952.35
008	INTANGIBLE ASSETS UNDER DEVELOPMENT	6	0.00	0.00
009	**FINANCIAL ASSETS**		**0.00**	**0.00**
010	I) EQUITY INVESTMENTS IN SUBSIDIARIES AND JOINT VENTURES	7	0.00	0.00
011	II) OTHER INVESTMENTS	8	0.00	0.00
012	III) LOANS	9	46,688,117.72	52,377,349.46
013	IV) TRADE RECEIVABLES	10	0.00	0.00
014	V) OTHER FINANCIAL ASSETS	11	0.00	0.00
016	OTHER NON-CURRENT ASSETS	12	638,405,775.12	680,062,162.51
017	**TOTAL NON-CURRENT ASSETS**		**29,741,208,811.93**	**32,147,746,229.76**
018			**0.00**	**0.00**
019	**CURRENT ASSETS**		**0.00**	**0.00**
020	INVENTORIES	13	2,116,005,625.33	1,396,072,145.09
021	**FINANCIAL ASSETS**		**0.00**	**0.00**
022	I) OTHER INVESTMENTS	14	0.00	0.00
023	II) TRADE RECEIVABLES	15	0.00	320,696.60
024	III) CASH AND CASH EQUIVALENTS	16	0.00	0.00
025	IV) BANK BALANCES OTHER THAN CASH AND CASH EQUIVALENTS	17	0.00	0.00
026	V) LOANS	18	25,972,164.05	31,997,312.71
027	VI) OTHER FINANCIAL ASSETS	19	1,856,141,627.31	1,193,855,014.29
028	CURRENT TAX ASSETS (NET)		0.00	0.00
029			0.00	0.00
030	OTHER CURRENT ASSETS	20	960,262,956.82	573,426,505.21
031			0.00	0.00
032	**TOTAL CURRENT ASSEETS**		**4,958,382,373.51**	**3,195,671,873.90**
033	ASSETS HELD FOR SALE	21	0.00	0.00
036	REGULATORY DEFERRAL ACCOUNT DEBIT BALANCES	22	45,698,758.03	37,663,574.03
037	**TOTAL ASSETS**		**34,745,289,943.47**	**35,381,081,677.69**
038	**EQUITY AND LIABILITIES**		**0.00**	**0.00**
039	**EQUITY**		**0.00**	**0.00**
040	EQUITY SHARE CAPITAL	23	0.00	0.00
041	OTHER EQUITY	24	480,453,618.54	941,120,248.41
044	**TOTAL EQUITY**		**480,453,618.54**	**941,120,248.41**
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	25	0.00	0.00

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BARAUNI TPS

BALANCE SHEET (Amount in ₹)

	As at	Note	31.03.2024	31.03.2023
050	II) LEASE LIABILITIES	26	0.00	0.00
051	**III) TRADE PAYABLES**		**0.00**	**0.00**
052	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	27	0.00	0.00
053	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	27	0.00	0.00
054	IV) OTHER FINANCIAL LIABILITIES	28	24,483,543.37	4,919,880.07
055	PROVISIONS	29	0.00	0.00
056	DEFERRED TAX LIABILITIES (NET)	30	0.00	0.00
057	OTHER NON-CURRENT LIABILITIES	31	0.00	0.00
058			**0.00**	**0.00**
059	**TOTAL NON-CURRENT LIABILITIES**		**24,483,543.37**	**4,919,880.07**
060			**0.00**	**0.00**
061	**CURRENT LIABILITIES**		**0.00**	**0.00**
062	**FINANCIAL LIABILITIES**		**0.00**	**0.00**
063	I) BORROWINGS	32	0.00	0.00
064	II) LEASE LIABILITIES	33	0.00	0.00
065	**III) TRADE PAYABLES**		**0.00**	**0.00**
066	- TOTAL OUTSTANDING DUES OF MICRO AND SMALL ENTERPRISES	34	89,366,917.31	44,824,858.24
067	- TOTAL OUTSTANDING DUES OF CREDITORS OTHER THAN MICRO AND SMALL ENTERPRISES	34	769,076,497.90	498,401,970.85
068	III) OTHER FINANCIAL LIABILITIES	35	2,751,571,259.61	3,699,397,396.30
069	OTHER CURRENT LIABILITIES	36	59,524,990.09	74,970,771.23
070	PROVISIONS	37	126,171,379.24	165,572,440.46
071	CURRENT TAX LIABILITIES (NET)	38	0.00	0.00
072			**0.00**	**0.00**
073	**TOTAL CURRENT LIABILITIES**		**3,795,711,044.15**	**4,483,167,437.08**
074			**0.00**	**0.00**
077	DEFERRED REVENUE	39	0.00	0.00
078	REGULATORY DEFERRAL ACCOUNT CREDIT BALANCES	39A	0.00	0.00
079	INTER UNIT ACCOUNTS		30,444,641,737.41	29,951,874,112.13
080			**0.00**	**0.00**
081	**TOTAL EQUITY AND LIABILITIES**		**34,745,289,943.47**	**35,381,081,677.69**
082	Material Accounting Policies as per note 1	1	0.00	0.00
083			0.00	0.00
084	The Accompanying notes 1 to 48A form an integral part of these financial statements.		0.00	0.00
085			**0.00**	**0.00**

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(Auditor Initial & Stamp)

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(Head of Finance)

VENKATESWAR BOMPADA Digitally signed by VENKATESWAR BOMPADA Date: 2024.04.29 17:47:15 +05'30'

29/04/24

(Head of Unit)

राजीव खन्ना / Rajeev Khanna
परियोजना प्रमुख / Head of Project
एनटीपीसी लिमिटेड, बरौनी / NTPC Ltd, Barauni
बेगूसराय / Begusarai - 851116

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Location: NTPC LTD.

BARAUNI TPS

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	15,218,791,367.00	16,500,260,847.65
003	Other income	41	134,952,616.68	55,571,176.93
005	**Total Income**		**15,353,743,983.68**	**16,555,832,024.58**
007	**Expenses**		**0.00**	**0.00**
008	Fuel including cost of captive coal	42	9,426,397,410.28	10,387,910,893.41
009	Employee benefits expense	43	704,768,112.42	683,690,853.44
010	Electricity purchased for trading		0.00	0.00
011	Finance costs	44	1,546,853,614.99	1,521,336,219.11
012	Depreciation, amortization and impairment expenses	45	2,529,839,470.68	2,158,667,372.97
013			0.00	0.00
014	Other expenses	46	1,568,046,854.80	1,595,134,784.73
015	CC expenses charge to revenue		181,995,031.79	220,560,224.49
016	Less: Unit expenses transferred to CC		0.00	0.00
017	**Total expenses**		**15,957,900,494.96**	**16,567,300,348.15**
020	**Profit before exceptional items & tax**		**-604,156,511.28**	**-11,468,323.57**
021	Exceptional items		0.00	0.00
024	**Profit before tax**		**-604,156,511.28**	**-11,468,323.57**
027	**Tax expense:**		**0.00**	**0.00**
028	Current tax		0.00	0.00
031	Deferred tax		0.00	0.00
034			0.00	0.00
035	**Total Tax expense**		**0.00**	**0.00**
036	**Profit for the period before regulatory deferral account balances**		**-604,156,511.28**	**-11,468,323.57**
037	**Movement in regulatory deferral account balances**		**0.00**	**0.00**
038	Regulatory deferred account - deferred		0.00	0.00
039	Others		18,161,684.00	37,663,574.03
040	Tax impact on regulatory deferral account balances		0.00	0.00
041	**Net movement in regulatory deferral account balances (net of tax)**		**18,161,684.00**	**37,663,574.03**
042	**Profit for the period/ year**		**-585,994,827.28**	**26,195,250.46**
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 acturial gains/(losses) on defined benefit plans		1,865,264.93	-5,067,312.76
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**		**1,865,264.93**	**-5,067,312.76**
070			0.00	0.00
071			0.00	0.00
072	**Total Comprehensive Income for the year**		**-584,129,562.35**	**21,127,937.70**

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BARAUNI TPS

STATEMENT OF PROFIT AND LOSS **(Amount in ₹)**

	For the Year ended	Note	31.03.2024	31.03.2023
086			0.00	0.00
087	**Earnings per equity share:**		**0.00**	**0.00**
088	Basic & Diluted		0.00	0.00
089	Material Accounting Policies		0.00	0.00
090			0.00	0.00
091	The accompanying notes 1 to 48 form an integral part of these financial statements.		0.00	0.00

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(Head of Finance)

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29/04/24

(Head of Unit)

राजीव खन्ना / Rajeev Khanna
परियोजना प्रमुख / Head of Project
एनटीपीसी लि०, बरौनी / NTPC Ltd., Barauni
बेगूसराय / Begusarai - 851116

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Location: NTPC LTD.

BARAUNI TPS

OTHER COMPREHENSIVE INCOME **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
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 acturial gains/(losses) on defined benefit plans	1,865,264.93	-5,067,312.76
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**	**1,865,264.93**	**-5,067,312.76**
013		0.00	0.00
014	**Total comprehensive income for the year (A+B)**	**1,865,264.93**	**-5,067,312.76**

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Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT

Business Area :1072

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
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	224477080.00	0.00	0.00	224477080.00	12827261.79	6413630.87	0.00	19240892.66	205236187.34	211649818.21
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 & helipads	83028453.22	93461439.80	0.00	176489893.02	10025375.84	6147880.99	0.00	16173256.83	160316636.19	73003077.38
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	3130936568.51	0.00	0.00	3130936568.51	300404688.00	109002405.31	0.00	409407093.31	2721529475.20	2830531880.51
11 Others	914110249.34	36061544.40	0.00	950171793.74	138618601.24	48378097.54	0.00	186996698.78	763175094.96	775491648.10
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	1866331.02	1503659.00	0.00	3369990.02	1866331.02	1192162.60	0.00	3058493.62	311496.40	0.00
14 Water Supply, drainage & sewerage system	166378039.47	11026045.00	0.00	177404084.47	22029698.84	8071202.16	0.00	30100901.00	147303183.47	144348340.63
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	440823906.97	119210137.97	0.00	560034044.94	11920859.60	31516178.65	0.00	43437038.25	516597006.69	428903047.37
18 Earth dam reservoir	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 works) Owned Asset	28952203312.14	684414134.82	(157614773.48)	29479002673.48	4473340040.04	2437484035.31	(39011511.44)	6871812563.91	22607190109.57	24478863272.10

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT

Business Area :1072

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block 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	58798258.16	5041829.00	0.00	63840087.16	13499080.58	3641664.76	0.00	17140745.34	46699341.82	45299177.58
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	9583324.04	0.00	0.00	9583324.04	5946091.13	923815.57	0.00	6869906.70	2713417.34	3637232.91
24 Vehicles including speedboats / 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 equipment	32756847.55	6814765.01	0.00	39571612.56	9328985.03	4992968.57	0.00	14321953.60	25249658.96	23427862.52
26 EDP, WP machines and satcom equipment	33033961.16	13028106.40	(7490250.37)	38571817.19	22305057.29	6544757.71	(7490250.37)	21359564.63	17212252.56	10728903.87
27 Construction equipments	35381461.96	0.00	(1171810.22)	34209651.74	12759365.18	3744371.45	0.00	16503736.63	17705915.11	22622096.78
28 Electrical Installations	318211167.06	4005187.54	0.00	322216354.60	105295481.94	38966732.53	0.00	144262214.47	177954140.13	212915685.12
29 Communication equipments	8114462.05	18000.00	0.00	8132462.05	2119492.38	1208080.50	0.00	3327572.88	4804889.17	5994969.67
30 Hospital equipments	6829741.82	29599.00	0.00	6859340.82	1600315.60	792981.67	0.00	2393297.27	4466043.55	5229426.22
31 Laboratory and workshop equipments	6627795.94	1566804.00	0.00	8194599.94	412809.19	417853.94	0.00	830663.13	7363936.81	6214986.75
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

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Date: 2024.11.29 17:13:14 IST
Reason: ADM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT

Business Area :1072

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
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 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 fly 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)	34423160960.41	976181251.94	(166276834.07)	35233065378.28	5144299534.69	2709438820.13	(46501761.81)	7807236593.01	27425828785.27	29278861425.72
Grand Total Prev Year (Tangible)	32136027731.94	2440667525.02	(153534296.55)	34423160960.41	2935217082.04	2346537722.75	(137455270.10)	5144299534.69	29278861425.72	29200810649.90

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
NOTE NO. 2 TO THE FS-NCA-PROPERTY, PLANT AND EQUIPMENT
Business Area :1072

(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**
Disposal of assets	(7540462.87)	(119980.40)	(7540462.87)	(119980.40)
Retirement of assets	(230245896.87)	(151196343.46)	(103332535.24)	(137181106.92)
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	71509525.67	(2217972.69)	64371236.30	(154182.78)
Others	0.00	0.00	0.00	0.00
TOTAL	**(166276834.07)**	**(153534296.55)**	**(46501761.81)**	**(137455270.10)**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
1	CAPITAL WORK-IN-PROGRESS					
2	Development of land	1691272.05	37053.00	(1728325.05)		
3	Roads, bridges, culverts & helipads	87191927.00	6232459.80	(6991769.00)	86432617.80	
4	Piling and foundation					
5	Buildings :					
6	Main plant	94029035.08	23161415.61	(94483938.06)		22706512.63
7	Others	27271266.04	11488485.96	(13667016.95)	20146169.00	4946566.05
8	Temporary erection					
9	Water supply, drainage and sewerage system	6448674.38	801710.70	(4162820.38)	1049503.00	2038061.70
10	Hydraulic works, barrages, dams, tunnels and power channel					
11	MGR track and signalling system					
12	Railway siding	98652885.10	143882862.87	(119210137.97)		123325610.00
13	Earth dam reservoir					
14	Plant and equipment	1605390612.49	846576513.06	(590689371.53)	441201282.24	1420076471.78
15	Furniture and fixtures					
16	Vehicles					
17	Office equipment	258000.07	240000.00	(240000.07)	258000.00	
18	EDP/WP machines & satcom equipment					
19	Construction equipments					
20	Electrical installations	9221792.51	20104546.57	(26792564.08)	2533775.00	
21	Communication equipment		26020438.00		632649.00	25387789.00
22	Hospital equipments					
23	Laboratory and workshop equipments					
24	Assets under 5Km 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 loans					

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
NOTE NO. 3 TO THE FS-NCA-CAPITAL WORK-IN-PROGRESS
Business Area: BARAUNI TPS

(Amount in Rupees)

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
29	Expenditure towards diversion of forest land					
30	Pre-commissioning expenses (net)					
31	ExpPendAlloca-oth ex attribut Project					
32	Expenditure During Construction Period (net)*		43418682.00			43418682.00
33	LESS : Allocated to related works		43418682.00			43418682.00
34	LESS : Provision for Unservicable works		38822222.05			38822222.05
35	**Construction stores (At Cost)**					
36	Steel					
37	Cement					
38	Others	205423875.00	15306755.30	(150103285.59)		70627344.71
39	**Sub-total**	**205423875.00**	**15306755.30**	**(150103285.59)**		**70627344.71**
40	LESS : Provision for shortages					
41	**Sub-total**	**205423875.00**	**15306755.30**	**(150103285.59)**		**70627344.71**
42	**Total CWIP**	**2135579339.72**	**1055030018.82**	**(1008069228.68)**	**552253996.04**	**1630286133.82**
43						
44						
45	**PREVIOUS YEAR TOTAL**	**2931546130.95**	**794656374.66**	**(1037393565.26)**	**434251175.66**	**2135579339.72**

Note:- Additions during the year includes capital expenditure towards CSR (in Rs.) : 0.00

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Location: NTPC LTD.

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY

Business Area :1072

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block As At 31.03.2023
INVESTEMENT PROPERTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 Free Hold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 ROU Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (Investment Property)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total Prev Year (Investment Property)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
NOTE NO. 4 TO THE FS-NCA-INVESTMENT PROPERTY
Business Area :1072

(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

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet

(Amount in Rupees)

NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS

Business Area :1072

Asset Class	Opening Gross Block As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Gross Block As At 31.03.2024	Opening Depreciation As At 01.04.2023	Additions	Deductions/ Adjustments	Closing Depreciation As At 31.03.2024	Net Block As At 31.03.2024	Net Block 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- Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 -Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 -Software	5348338.13	0.00	0.00	5348338.13	4482385.78	865952.35	0.00	5348338.13	0.00	865952.35
Grand Total (Intangible)	5348338.13	0.00	0.00	5348338.13	4482385.78	865952.35	0.00	5348338.13	0.00	865952.35
Grand Total Prev Year (Intangible)	5348338.13	0.00	0.00	5348338.13	2750481.07	1731904.71	0.00	4482385.78	865952.35	2597857.06

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Date: 2024.11.27 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

Note forming part of Balance Sheet
NOTE NO. 5 TO THE FS-NCA-INTANGIBLE ASSETS
Business Area :1072

(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**
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

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

(Amount in Rupees)

Note forming part of Balance Sheet
NOTE NO. 6 TO THE FS-NCA-INTANGIBLE ASSETS UNDER DEVELOPMENT
Business Area: BARAUNI TPS

Sl No	Asset Class	As At 01.04.2023	Addition	Deduction/ Adjustment	Capitalized	As At 31.03.2024
	1	2	3	4	5	6
1	INTANGIBLE ASSETS UNDER DEVELOPMENT					
2	Software					
3	Right to use Others					
4	Exploration and Evaluation Expentiture - Coal Mini					
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

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Date: 2024.11.29 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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
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	PATRATU 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 RAIL BIJLEE COMPANY LTD.			0.00	0.00
020	NTPC MINING LTD (NML)			0.00	0.00
021	THDC INDIA LTD.			0.00	0.00
022	NEEPCO 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 (RGPPL)			0.00	0.00
026	NTPC Green Energy Limited			0.00	0.00
027	Green Valley Renewable Energy Limited			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

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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
060	Ratnagiri Gas & Power Pvt. Limited (RGPPL)			0.00	0.00
061	ARAVALI POWER COMPANY PRIVATE LTD.			0.00	0.00
062	Jhabua Power Ltd.			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 LABORTORY PRIVATE LTD.			0.00	0.00
070				0.00	0.00
071	CIL 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 LTD			0.00	0.00
085	**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
136	Aggregate amount of Unquoted Investments			0.00	0.00

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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
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

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Date: 2024.11.30 17:19:14 IST
Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

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
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
098	Jhabua Power Limited-8.5% Non convertible debentures - private placement			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
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. VINDHYACHAL			0.00	0.00
150	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. ANTA			0.00	0.00
151	NTPC EMPLOYEES CONSUMERS COOPERATIVE SOCIETY LTD. KAWAS			0.00	0.00
152	NTPC Employees Consumers Cooperative Society Ltd. Kaniha			0.00	0.00

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BARAUNI TPS

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	43,698,635.93	53,213,709.59
012	UNSECURED	16,427,509.73	18,579,622.35
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	10,811,777.97	16,495,515.53
017	UNSECURED	2,626,249.97	2,920,466.95
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**	**46,688,117.72**	**52,377,349.46**
027		0.00	0.00
028	**TOTAL**	**46,688,117.72**	**52,377,349.46**
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 personel	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) APIIC	0.00	0.00
061		0.00	0.00
062	RPD	0.00	0.00
063	i)Key management personel	0.00	0.00

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NOTE NO. 9 TO THE FS-NCA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
064	ii)Subsidiary companies	0.00	0.00
065	iii)Joint Venture companies	0.00	0.00
066	iv)Others	0.00	0.00
067	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

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	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 Labortory 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**

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BARAUNI TPS

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	9,682,822.00	30,217,294.00
007	OTHERS	616,781,092.56	625,095,227.99
008	CONSIDERED DOUBTFUL	0.00	0.00
009	LESS: ALLOWANCE FOR BAD & DOUBTFUL ADVANCES	0.00	0.00
010	**Sub-Total**	**626,463,914.56**	**655,312,521.99**
011		0.00	0.00
012	Advances other than capital advances	0.00	0.00
013	SECURITY DEPOSITS	0.00	9,132,120.00
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**	**0.00**	**9,132,120.00**
028	RECEIVABLE FROM MCP ESCROW A/C	0.00	0.00
029	Pre Paid expenses	0.00	0.00
039	ADVANCE TAX & TAX DEDUCTED AT SOURCE	1,530,552.91	843,546.41
040	LESS:- PROVISION FOR CURRENT TAX	0.00	0.00
041		0.00	0.00
042	**Sub Total**	**1,530,552.91**	**843,546.41**
043	DEFERRED PAYROLL EXPENSES (SECURED)	8,579,640.05	12,563,957.39
044	DEFERRED PAYROLL EXPENSES (UNSECURED)	1,831,667.60	2,210,016.72
045	**Sub Total**	**10,411,307.65**	**14,773,974.11**
046	DEFERRED FOREIGN CURRENCY FLUCTUATION ASSET	0.00	0.00
049		0.00	0.00
050	**Total**	**638,405,775.12**	**680,062,162.51**
051		0.00	0.00
052		0.00	0.00
062	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
064		0.00	0.00
065	NTPC GE Power Services Pvt.Ltd.	0.00	0.00
066		0.00	0.00
067	Ratnagiri Gas & Power Private Ltd.	0.00	0.00
068	Aravali Power Company Private Ltd.	0.00	0.00
069	NTPC-SCCL Global Ventures Private Ltd.	0.00	0.00

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BARAUNI TPS

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	Nabinagar Power Generating Company Ltd.	0.00	0.00
073	National High Power Test Labortory 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 personel	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**

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BARAUNI TPS

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	644,649,065.76	200,939,028.78
004	Fuel oil	322,692,942.08	459,062,428.36
005	Naphtha	0.00	0.00
006	Stores and spares	940,660,303.51	574,164,394.24
007	Chemicals & consumables	57,319,753.77	40,380,245.45
008	Loose tools	2,614,477.97	2,914,584.15
009	Others	175,132,721.42	118,611,464.11
010		0.00	0.00
011		0.00	0.00
012	**Sub Total**	**2,143,069,264.51**	**1,396,072,145.09**
013	Less: Provision for shortages	2,679,116.00	0.00
014	Less: Provision for obsolete/ unservicable/dimunition in value of surplus inventory	24,384,523.18	0.00
016		0.00	0.00
017	**Total**	**2,116,005,625.33**	**1,396,072,145.09**
018	**Inventories include material in transit**	**0.00**	**0.00**
019	Coal	65,254,658.89	38,329,343.00
020	Fuel oil	0.00	0.00
021	Naphtha	0.00	0.00
022	Stores and spares	7,305,076.68	6,393,369.68
023	Chemicals & consumables	506,715.48	0.00
024	Loose tools	0.00	0.00
025	Others	2,568.00	340,548.00
026		**0.00**	**0.00**
028		0.00	0.00

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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**			**0.00**	**0.00**
002	**(Valuation as per Note 1)**			**0.00**	**0.00**
003	Jhabua Power Limited-8.5% Non convertible debentures - private placement			0.00	0.00
033	Investment in Mutual Funds (Details as under)			0.00	0.00
034	SBI-Magnum Insta Cash Fund-DDR			0.00	0.00
035	SBI Premier Liquid Fund Super-IP-DDR			0.00	0.00
036	SBI-SHF Ultra Short Term Fund-IP-DDR			0.00	0.00
037	UTI Money Market- IP-Direct-Growth			0.00	0.00
038	IDBI-Liquid plan- Direct-Growth			0.00	0.00
039	Canara Robeco Liquid Fund Super-IP-DDR			0.00	0.00
040	Canara Robeco Treasury Advantage Fund Super-IP-DDR			0.00	0.00
041	IDBI Liquid Fund-DDR			0.00	0.00
042	SBI Premier Liquid fund-Direct DDR (Ash Fund)			0.00	0.00
043	UTI Liquid CashPlan - IP - DDR (Ash Funds)			0.00	0.00
044	IDBI Liquid Fund - DDR - (Ash Funds)			0.00	0.00
045	Baroda Liquid Fund - Direct - Growth			0.00	0.00
046				0.00	0.00
047				0.00	0.00
048	**Sub Total**			**0.00**	**0.00**
049				**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

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BARAUNI TPS

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	320,896.60
005	Credit impaired	0.00	0.00
006	Unbilled Revenue	0.00	0.00
007	**Sub-Total**	**0.00**	**320,896.60**
008	**Total**	**0.00**	**320,896.60**
009	Less: Allowance for credit impaired receivables	0.00	0.00
010	**Total**	**0.00**	**320,896.60**
012	Less: Discom Clearing	0.00	0.00
014		0.00	0.00
015	**Grand Total**	**0.00**	**320,896.60**
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	320,896.60
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**	**320,896.60**
240		0.00	0.00
241	**(i) Undisputed Trade receivables # considered good**	**0.00**	**0.00**
242	Less than 6 months	0.00	271,396.73
243	6 months -1 year	0.00	49,499.87
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**	**320,896.60**
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

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BARAUNI TPS

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**

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BARAUNI TPS

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**

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BARAUNI TPS

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

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BARAUNI TPS

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	9,721,671.06	9,792,692.56
012	Unsecured	16,250,492.99	22,204,620.15
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)**	**25,972,164.05**	**31,997,312.71**
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 personel	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 personel	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

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BARAUNI TPS

NOTE NO. 18 TO THE FS-CA-LOANS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
066	**Total**	**0.00**	**0.00**

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BARAUNI TPS

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	-8,551,133.75	-8,171,139.99
008	Considered doubtful	0.00	0.00
009		**0.00**	**0.00**
010	**Employees**	**0.00**	**0.00**
012	Unsecured	1,080,726.00	952,654.00
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)**	**-7,470,407.75**	**-7,218,485.99**
044		**0.00**	**0.00**
045	**Claims Recoverable**	**0.00**	**0.00**
046	Secured	0.00	0.00
047	Unsecured, considered good	0.00	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	Contract Asset- Revenue	1,859,272,947.23	1,194,856,478.23
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	4,339,087.83	6,217,022.05
062	Credit impaired	0.00	0.00
063		0.00	0.00
064	**Sub-Total**	**4,339,087.83**	**6,217,022.05**
065	Less: Allowance for credit impaired receivables	0.00	0.00
066	**Total**	**4,339,087.83**	**6,217,022.05**
067		0.00	0.00
068	Others*	0.00	0.00
070		0.00	0.00

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BARAUNI TPS

NOTE NO. 19 TO THE FS-CA-OTHER FINANCIAL ASSETS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
071	**Total**	**1,856,141,627.31**	**1,193,855,014.29**
072	* Other include amount recoverable from contractors and other parties towards hire charges, rent/electricity etc.	0.00	0.00
073	**Advances to related parties include:**	**0.00**	**0.00**
074	i)Key management personel	0.00	0.00
075		0.00	0.00
076	iii)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	-8,551,133.75	-8,171,139.99
083	Related Party (Adv)- Joint Ventures	0.00	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**	**-8,551,133.75**	**-8,171,139.99**

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BARAUNI TPS

NOTE NO. 20 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*	65,229,720.00	56,097,600.00
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	9,082.00	412,289.50
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	701,301,298.37	278,079,816.87
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	2,125,131.00	1,963,885.16
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)	1,087,021.44	1,336,380.54
028	Deferred Payroll Expenses (Unsecured)	1,407,676.54	1,164,185.16
029	**Sub-total**	**2,494,697.98**	**2,500,565.70**
030	**Interest accrued on :**	**0.00**	**0.00**
031	Advances to contractors	0.00	0.00
032		**0.00**	**0.00**
033	**Claims Recoverable**	**0.00**	**0.00**
034	Secured	0.00	0.00
035	Unsecured, considered good	189,093,501.47	234,106,446.98
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	9,526.00	265,901.00
043		0.00	0.00
045	**Total (Other Current Assets)**	**960,262,956.82**	**573,426,505.21**
046	**Include Prepaid Expenses	2,125,131.00	1,963,885.16
047	*Includes sales tax/Entry tax/VAT deposited under protest with Sales Tax Authorities	0.00	0.00

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BARAUNI TPS

NOTE NO. 20 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 personel	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

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BARAUNI TPS

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

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BARAUNI TPS

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	45,698,758.03	37,663,574.03
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**	**45,698,758.03**	**37,663,574.03**

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BARAUNI TPS

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	16,60,00,00,000 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/- (Pv. 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/ICICI Prudential Mutual Fund	0.00	0.00
016	No. of Shares	0.00	0.00
017	% of holding	0.00	0.00

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BARAUNI TPS

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: Utlised 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	195,567,725.19	69,203,633.74
048	TRANSFERRED TO CC	0.00	0.00
049	ADD:TRANSFER FROM REVENUE FROM OPERATIONS	123,462,932.48	126,364,091.45
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	0.00	0.00

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BARAUNI TPS

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**	**319,030,657.67**	**195,567,725.19**
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: Utlised 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: UTLISED 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	764,134,405.77	737,939,155.31
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	-585,994,827.28	26,195,250.46
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

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BARAUNI TPS

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**	**178,139,578.49**	**764,134,405.77**
110		0.00	0.00
111	**REMEASUREMENT OF DEFINED BENEFIT PLANS**	**0.00**	**0.00**
112	AS PER LAST FINANCIAL STATEMENTS	-18,581,882.55	-13,514,569.79
113	ADD/(LESS):- ACTUARIAL GAINS/LOSS THROUGH OCI	1,865,264.93	-5,067,312.76
114	**SUB-TOTAL**	**-16,716,617.62**	**-18,581,882.55**
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**	**480,453,618.54**	**941,120,248.41**
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

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD.

BARAUNI TPS

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

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Location: NTPC LTD.

	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 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

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	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

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Location: NTPC LTD.

	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-nonvertible 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

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	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)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

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	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	8.18% 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

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	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 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)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 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)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)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

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Reason: AGM(COMMERCIAL)
Location: NTPC LTD

	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 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

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	As at	31.03.2024	31.03.2023
	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		
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 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
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 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

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	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)V	0.00	0.00
070	7.552% Secured non-cumulative non-convertible redeemable taxable bonds	0.00	0.00

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	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)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		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

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	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
089	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
090	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
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
094	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**

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BARAUNI TPS

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:- Interst accrued but not due on secured	0.00	0.00

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BARAUNI TPS

NOTE NO. 25 TO THE FS-NCL-BORROWINGS **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
	borrowings		
141	Less:- Interst 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**

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BARAUNI TPS

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 Liabilites (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**

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BARAUNI TPS

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**

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BARAUNI TPS

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	723,798.08	0.00
004	- Others	690,730.71	4,919,880.07
005	Contractual Obligations	23,069,014.58	0.00
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**	**24,483,543.37**	**4,919,880.07**
020		0.00	0.00
021	**Payable for Capital Expenditure - SD/retntion**	**0.00**	**0.00**
022	- Micro & Small Enterprises	723,798.08	0.00
023	- Others	690,730.71	0.00
024	**Sub-total**	**1,414,528.79**	**0.00**
025	**Contractual Obligations**	**0.00**	**0.00**
026	- Micro & Small Enterprises	18,901,927.91	0.00
027	- Others	4,167,086.67	0.00
028	**Sub-total**	**23,069,014.58**	**0.00**
029	**Total (24+28)**	**24,483,543.37**	**0.00**
030		0.00	0.00

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BARAUNI TPS

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**

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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

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BARAUNI TPS

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	0.00	0.00
006		0.00	0.00
007	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

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**

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BARAUNI TPS

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	89,366,917.31	44,824,858.24
004	- Others	769,076,497.90	498,401,970.85
005		0.00	0.00
007	**Total**	**858,443,415.21**	**543,226,829.09**
008		0.00	0.00
172	**Trade payable**	**0.00**	**0.00**
173	**MSME**	**0.00**	**0.00**
174	Unbilled	60,066,642.31	24,460,808.24
175	Not due	0.00	0.00
176	**Due**	**0.00**	**20,364,050.00**
177	Disputed	0.00	0.00
178	Undisputed	0.00	20,364,050.00
179		0.00	0.00
180	**Sub-total (A)**	**60,066,642.31**	**44,824,858.24**
181		0.00	0.00
182	**Others**	**0.00**	**0.00**
183	Unbilled	439,103,873.19	295,783,945.22
184	Not due	0.00	0.00
185	**Due**	**0.00**	**202,618,025.63**
186	Disputed	0.00	0.00
187	Undisputed	0.00	202,618,025.63
188		0.00	0.00
189	**Sub-total (B)**	**439,103,873.19**	**498,401,970.85**
190		0.00	0.00
191	**Total**	**499,170,515.50**	**543,226,829.09**
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	29,300,275.00	20,364,050.00
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)**	**29,300,275.00**	**20,364,050.00**
208		0.00	0.00
209	**Total MSME (III)**	**29,300,275.00**	**20,364,050.00**
210		0.00	0.00

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BARAUNI TPS

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	176,685,697.69	202,618,025.63
221	1-2 years	152,422,970.00	0.00
222	2-3 years	334,971.02	0.00
223	More than 3 years	528,986.00	0.00
224	**Sub Total (V)**	**329,972,624.71**	**202,618,025.63**
225		0.00	0.00
226	**Total Others (VI)**	**329,972,624.71**	**202,618,025.63**

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BARAUNI TPS

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	Book Overdraft	0.00	0.00
028	Payable to Customers	0.00	0.00
029	Liability under forward exchange contact	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	8,979,856.03	1,731,662.29
034	- Others	2,602,763,515.61	3,603,996,223.05
035	Contractual Obligations	119,992,478.53	76,959,701.46
036	**Others Payables**	**0.00**	**0.00**
037	Deposits from contractors and others	14,701,550.00	8,882,579.00
038	Gratuity Obligations	0.00	0.00
039	Payable to employees	4,202,623.10	6,748,706.50
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 **	931,236.34	1,078,524.00
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**	**2,751,571,259.61**	**3,699,397,396.30**
049	* 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
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	3,509,822.00	916,019.00
053	- Others	359,499,911.53	404,557,629.53
054	**Sub-total**	**363,009,733.53**	**405,473,648.53**
055	**Contractual Obligations**	**0.00**	**0.00**
056	- Micro & Small Enterprises	38,601,809.00	[illegible],806.00
057	- Others	81,390,669.53	28[illegible],895.46

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BARAUNI TPS

NOTE NO. 35 TO THE FS-CL-OTHER FINANCIAL LIABILITIES **(Amount in ₹)**

	As at	31.03.2024	31.03.2023
058	**Sub-total**	**119,992,478.53**	**76,959,701.46**
059	**Total**	**483,002,212.06**	**482,433,349.99**
060		0.00	0.00

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BARAUNI TPS

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	29,826,324.16	43,535,863.25
003	Deferred discount on forward exchange contact	0.00	0.00
004	Tax deducted at source and other statutory dues	29,698,665.93	31,434,907.98
005	Deposits from contractors and others	0.00	0.00
006	Government grants	0.00	0.00
007	Others	0.00	0.00
009		0.00	0.00
010		0.00	0.00
011	**Total**	**59,524,990.09**	**74,970,771.23**

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BARAUNI TPS

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	165,572,440.46	196,623,398.87
030	Additions during the year	0.00	0.00
031	Amounts paid during the year	39,401,061.22	31,050,958.41
032	Amounts reversed during the year	0.00	0.00
033	**Closing Balance**	**126,171,379.24**	**165,572,440.46**
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	0.00	0.00
044	Additions during the year	0.00	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**	**0.00**	**0.00**
048	**Provision for Arbitration**	**0.00**	**0.00**
049	Opening balance	0.00	0.00
050	Additions during the year	0.00	0.00
051	Amounts used during the year	0.00	0.00
052	Amounts reversed during the year	0.00	0.00
053	**Closing Balance**	**0.00**	**0.00**
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**	**126,171,379.24**	**165,572,440.46**

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BARAUNI TPS

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**

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BARAUNI TPS

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	0.00	0.00
004	Government grants	0.00	0.00
007		0.00	0.00
008		0.00	0.00
009	**TOTAL**	**0.00**	**0.00**

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BARAUNI TPS

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**

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BARAUNI TPS

NOTE NO. 40 TO THE FS--REVENUE FROM OPERATIONS **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**REVENUE FROM OPERATIONS**	**0.00**	**0.00**
002	**Sales**	**0.00**	**0.00**
003	Energy Sales (including Electricity Duty)	15,218,908,172.00	16,557,094,088.65
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	0.00	0.00
007	Sale of energy through trading	0.00	0.00
008	Commission (NVVN)	0.00	0.00
009	**Sub total**	**15,218,908,172.00**	**16,557,094,088.65**
010	Less: Rebate to customers	5,183,836.00	56,833,241.00
011	**Energy Sales (Total)**	**15,213,724,336.00**	**16,500,260,847.65**
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**	**15,213,724,336.00**	**16,500,260,847.65**
019	Sale of fly ash/ash products	123,462,932.48	126,364,091.45
020	Less: Transferred to fly ash utilisation reserve fund	-123,462,932.48	-126,364,091.45
021	**Sub-total**	**0.00**	**0.00**
022	**Other Operating Income**	**0.00**	**0.00**
023	Interest from customers	0.00	0.00
024	Energy Internally Consumed *	5,067,031.00	0.00
025	Interest income on Assets under finance lease	0.00	0.00
026	Recognized from deferred revenue - government grant	0.00	0.00
027	Provision written back- Tariff Adjustment	0.00	0.00
028	Income form 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**	**15,218,791,367.00**	**16,500,260,847.65**
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,cenospere & 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

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BARAUNI TPS

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 (8.5% Tax Free Bonds issued by the State Goverments)	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 Securties-Non-Trade	0.00	0.00
009	Less: Amortziation 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	9,290,399.41	5,954,971.22
015	Deposit with banks	0.00	0.00
016	Foreign Banks	0.00	0.00
017	Interest from Contractors	0.00	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	0.00	0.00
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	75,447.00	4,200.00

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BARAUNI TPS

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	54,180,219.00	29,634,837.00
049	Hire charges for equipment	0.00	0.00
050	Gain on option contract / Discount on F.ExchContract	0.00	0.00
051	Lease rent from investment property	0.00	0.00
052	Provision written back-others	0.00	0.00
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	71,406,551.27	20,084,769.03
062	**Total**	**134,952,616.68**	**55,675,777.25**
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	0.00	104,600.32
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**	**134,952,616.68**	**55,571,176.93**
071		0.00	0.00
101	**Details of Miscellaneous Income**	**0.00**	**0.00**
102	Vehicle Hire Charges.	104,000.00	92,000.00
103	Sale of by products & residuals	0.00	0.00
104	Township recoveries(exl. Hospital Recoveries).	5,941,571.63	5,592,904.37
105	Depreciation written back	0.00	0.00
106	Sale of Scrap.	46,087,800.00	4,037,108.63
107	Receipt under loss of profit policy.	0.00	0.00
108	Receipts under MBD/Fire Policy.	0.00	0.00
109	Management development programme.	0.00	0.00
110	Management Fee - Misc (NVVN)	0.00	0.00
111	Others	19,273,179.64	10,362,756.03
112		0.00	0.00
113		0.00	0.00
114	**Total (Miscellaneous Income)**	**71,406,551.27**	**20,084,769.03**
115		0.00	0.00
131	**Details of Provision written back others**	**0.00**	**0.00**

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BARAUNI TPS

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	0.00
134	Doubtful Construction Advances	0.00	0.00
135	Shortage in Construction Stores	0.00	0.00
136	Shortage in Stores	0.00	0.00
137	Obsolescence in Stores	0.00	0.00
138	Unserviceable capital works	0.00	0.00
139	Other Obligation including Arbitration	0.00	0.00
140	Shortage in Fixed Assets	0.00	0.00
141	Diminution in value of Investment	0.00	0.00
142		0.00	0.00
143		0.00	0.00

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BARAUNI TPS

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	8,846,215,594.86	10,000,000,106.31
005	Gas	0.00	0.00
006	Naptha	0.00	0.00
007	Oil	580,181,815.42	387,910,787.10
008	Biomass Pellets & Others	0.00	0.00
009		0.00	0.00
010		0.00	0.00
011	**Total**	**9,426,397,410.28**	**10,387,910,893.41**
012		0.00	0.00

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BARAUNI TPS

NOTE NO. 43 TO THE FS--EMPLOYEE BENEFITS EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
001	**EMPLOYEE BENEFITS EXPENSE**	**0.00**	**0.00**
002	Salaries and wages	544,102,272.50	554,358,594.28
003	Contribution to provident and other funds	87,349,496.37	72,563,435.13
004	Unwinding of deferred payroll expense	5,680,712.61	2,497,024.19
005	Staff welfare expenses	99,642,355.03	102,135,785.73
006	Less : Expenses transferred to Consultancy group	0.00	0.00
007		0.00	0.00
008	**Sub Total**	**736,774,836.51**	**731,554,839.33**
009	Less: Employee benefits expense allocated to fuel inventory	32,006,724.09	31,293,872.56
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	0.00	3,922.10
015	Less: Transferred to expenditure during construction period (net)- Note 47	0.00	16,566,191.23
016	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
018		0.00	0.00
019	**TOTAL**	**704,768,112.42**	**683,690,853.44**
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

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BARAUNI TPS

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	70,300,091.38	68,609,764.63
004	Government of India Loans	0.00	0.00
005	Foreign currency term loans	70,141,460.00	27,115,186.87
006	Rupee term loans	1,448,013,643.00	1,423,476,766.00
007	Public deposits	0.00	0.00
008	Foreign currency bonds/notes	0.00	0.00
009	Cash Credit	0.00	0.00
010	Unwinding of discount on account of vendor liabilities	1,754,243.36	2,086,109.23
011	Commercial Papers	0.00	0.00
012	**Sub Total**	**1,590,209,437.74**	**1,521,287,826.73**
013	Interest on non financial items	0.00	0.00
014	**Other Borrowing Costs**	**0.00**	**0.00**
015	Bonds servicing & public deposit exp.	62,859.25	48,392.38
016	Guarantee fee	0.00	0.00
017	Management fee	0.00	0.00
018	Committ 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	0.00
026	**Sub Total (Other Borrowing cost)**	**62,859.25**	**48,392.38**
027		0.00	0.00
028	**Exchange differences regarded as an adjustment to borrowing costs**	**0.00**	**0.00**
029	**Sub Total**	**1,590,272,296.99**	**1,521,336,219.11**
030	Less: Transferred to Expenditure during construction period (net) - Note 47	43,418,682.00	0.00
031	Less: Transferred to development of coal mines-Note 47A	0.00	0.00
032		0.00	0.00
034	**Total**	**1,546,853,614.99**	**1,521,336,219.11**

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BARAUNI TPS

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	2,709,438,820.13	2,346,537,722.75
003	On investment property- Note 2A	0.00	0.00
004	On intangible assets- Note 4	865,952.35	1,731,904.71
005		0.00	0.00
006	Sub-total	2,710,304,772.48	2,348,269,627.46
007	Less:	0.00	0.00
008	Allocated to fuel inventory	180,465,301.80	189,555,750.41
009	Transferred to Expenditure during Construction Period (net)- Note 47	0.00	46,504.08
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	0.00	0.00
013		0.00	0.00
015	**Total**	**2,529,839,470.68**	**2,158,667,372.97**

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BARAUNI TPS

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	39,983,115.00	33,578,603.00
003	Less: Recovered from contractors & employees	887,983.34	1,148,340.44
004	**Sub-Total(Power Charges)**	**39,095,131.66**	**32,430,262.56**
005	Water charges	63,750,000.00	63,750,000.00
006	Stores consumed	64,768,570.11	34,021,802.43
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	33,843,822.17	48,145,261.88
013	Plant & machinery	0.00	0.00
014	Power stations	833,535,615.60	756,147,147.37
015	Construction equipment	7,328,400.43	0.00
016	Others	40,842,660.80	56,558,123.76
017	**Sub-total (Repairs & maintenance)**	**915,550,499.00**	**860,850,533.01**
019	Load Dispatch Center Charges	11,239,666.00	10,758,115.00
021	Insurance	40,107,798.99	38,928,574.84
022	Interest to beneficiaries	35,003,616.00	0.00
023	Rates and taxes	11,468,726.37	10,473,547.85
024	Water cess & environment protection cess	0.00	0.00
025	Training & recruitment expenses	1,222,454.00	2,234,993.00
026	Less: Receipts	0.00	0.00
027	**Sub-total (Training and recruitment expenses)**	**1,222,454.00**	**2,234,993.00**
028	Communication expenses	9,404,788.97	8,482,794.65
029	Inland Travel	25,233,052.33	28,698,825.65
030	Foreign Travel	46,105.00	369,383.50
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	342,936.00	249,751.00
041	Electricity duty	0.00	0.00
042	Security expenses	390,294,068.07	380,120,323.02
043	Entertainment expenses	6,735,745.07	6,046,689.10
044	Expenses for guest house	12,940,162.00	3,938,148.23
045	Less:Recoveries	13,999.80	13,367.60
046	**Sub-Total (Guest house expenses)**	**12,926,162.20**	**3,924,780.63**
047	Education expenses	0.00	0.00
049	Donations	0.00	0.00

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BARAUNI TPS

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	2,393,307.31	2,555,912.84
051	Directors sitting fee	0.00	0.00
053	Professional charges and consultancy fees	4,194,984.00	10,884,683.00
054	Legal expenses	3,672,787.00	3,147,200.00
055	EDP hire and other charges	4,469,907.00	1,577,995.00
056	Printing and stationery	1,228,613.33	1,181,032.10
057	Oil & gas exploration expenses	0.00	0.00
059	Hiring of vehicles	16,980,800.65	16,940,831.52
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	18,161,732.00	37,663,574.03
066	Transport Vehicle running expenses	1,007,423.00	0.00
067	Horticulture Expenses	7,428,431.16	9,884,892.18
068	Hire charges- helicopter/aircraft.	0.00	0.00
069	Hire charges of construction equipment	0.00	0.00
070	Demurrage Charges	0.00	0.00
072		0.00	0.00
073	Miscellaneous expenses	17,398,486.37	9,458,500.85
074	Loss on disposal/write-off of PPE	126,913,361.63	14,015,236.54
075	**Sub-Total**	**1,831,039,153.22**	**1,588,650,234.30**
076	Less: Other expenses allocated to fuel inventory	65,859,573.64	82,254,700.57
077	Less: Transferred/Allocated to development of coal mines - Note 47A	0.00	0.00
078	Less: Transferred to fly ash utilisation reserve fund	2,159,586.01	2,555,912.84
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 47	0.00	2,508,073.16
083	Less: Transfer to Govt of Jharkhand A/c as recoverable	0.00	0.00
084	**Net (Generation, Administration and Other expenses)**	**1,763,019,993.57**	**1,501,331,547.73**
085	Corporate Social Responsibility Expenses	0.00	1,295,237.00
086	Less: Grants-in-aid	0.00	0.00
087	**Sub-total (Corporate Social Responsibility Expenses)**	**0.00**	**1,295,237.00**
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	2,679,116.00	0.00

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BARAUNI TPS

NOTE NO. 46 TO THE FS--OTHER EXPENSE **(Amount in ₹)**

	For the Year ended	31.03.2024	31.03.2023
093	Obsolete/Dimunition in the value of surplus stores	24,384,523.18	0.00
094	Shortage in construction stores	0.00	0.00
095	Dimunition in value of long term investments	0.00	0.00
096	Shortage in Fixed assets	0.00	0.00
097	Unfinished minimum work progress from oil & gas exploration	0.00	0.00
098	Unserviceable capital works	38,822,222.05	0.00
099	Tariff Adjustment	-260,859,000.00	92,508,000.00
100	Others :	0.00	0.00
101	(i) Provision for arbitration cases	0.00	0.00
102	(ii) Other provisions	0.00	0.00
103	**Total (Provisions)**	**-194,973,138.77**	**92,508,000.00**
104		0.00	0.00
106	**Total**	**1,568,046,854.80**	**1,595,134,784.73**
107		0.00	0.00
108	**Breakup of miscellaneous expenses.**	**0.00**	**0.00**
110	Hire charges of office equipment	0.00	1,500.00
112	Operating expenses of construction equipment	0.00	0.00
113	Operating expenses of D.G. sets	0.00	0.00
114	Furnishing expenses	689,967.92	446,363.65
115	Subscription to trade and other associations.	0.00	0.00
117	Visa and entry permit charges	0.00	0.00
118	Tree plantation exp.-NTPC Land	4,152,600.00	0.00
119	Research & development expenses .	0.00	0.00
120	Less : Grants received for Research & develoment expenses.	0.00	0.00
121	Sub-total (Research & development expenses)	0.00	0.00
122	Bank charges	147.73	1,292.54
123	Business Development Expenditure	0.00	0.00
124	Surcharge (NVVN)	0.00	0.00
125	Power Trading Expenses	0.00	0.00
126	Brokerage & commission	0.00	160,298.00
130	Books and periodicals	36,557.00	24,995.00
131	Claims/advances written off	0.00	0.00
132	Stores written off	0.00	0.00
133	Survey &Investigation expenses written off	0.00	0.00
134	Others	12,519,213.72	8,824,051.66
135	**Total**	**17,398,486.37**	**9,458,500.85**
136		0.00	0.00
137		0.00	0.00
138		0.00	0.00

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BARAUNI TPS

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	0.00	11,749,670.96
004	Contribution to provident and other funds	0.00	2,215,075.00
005	Unwinding of deffered payroll expenses	0.00	0.00
006	Staff welfare expenses	0.00	2,601,445.27
007	**Total (A)**	**0.00**	**16,566,191.23**
008	**B. Finance Costs**	**0.00**	**0.00**
009	Finance charges on financial liabilities measured at amortised cost	0.00	0.00
010	Bonds	1,933,437.00	0.00
011	Foreign currency term loans	1,776,073.00	0.00
012	Rupee term loans	39,709,172.00	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)**	**43,418,682.00**	**0.00**
029		0.00	0.00
030	C. Depreciation and amortisation	0.00	46,504.08
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	38,594.50
034	**Sub-total(Net power charges)**	**0.00**	**-38,594.50**
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	1,235,770.39
041		0.00	0.00
042	Insurance	0.00	0.00

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BARAUNI TPS

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	0.00	0.00
044	Communication expenses	0.00	338,927.00
045	Travelling expenses	0.00	746,473.82
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	188,670.00
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	8,389.60
063	Miscellaneous expenses	0.00	28,436.85
064	**Total (D)**	**0.00**	**2,508,073.16**
065	**Total (A+B+C+D)**	**43,418,682.00**	**19,120,768.47**
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	104,600.32
076	**TOTAL (E)**	**0.00**	**104,600.32**
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)**	**43,418,682.00**	**19,016,168.15**
080		0.00	0.00
081	*** Balance carried to Capital Work-in-progress - (Note 3)**	**43,418,682.00**	**19,016,168.15**

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BARAUNI TPS

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 deffered 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

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BARAUNI TPS

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**

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BARAUNI TPS

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)	911.84	911.84
007	(b) value (in rs)	1.00	1.00
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 possesession 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 adjus	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	293.75	293.75
017	(b) value (in rs)	0.00	0.00
018	-Freehold	0.00	0.00
019	-Right of Use	0.32	0.32
020	Right-of-use buildings pending completion of legal fomalities - 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	6,270,360,874.32	6,108,000,501.45
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)	48.00	0.00
045	Exchange rate variation capitalised during the year (with -ve sign, if favourable)	18,161,685.04	0.00
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

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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	43,418,682.00	0.00
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 sustainibility development - capital	0.00	0.00
106	Expenditure on csr- 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 msmed act 2006.**	**0.00**	**0.00**
114	Long-term	0.00	0.00
115	Short-term	-89,366,917.31	-44,824,858.24
116	**(i) (a) the principal amount remaining unpaid as at year end**	**-89,366,917.31**	**-44,824,858.24**
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)	9,854,986,646.03	10,649,918,398.12
123	Amount of inventories capitalised as overhauling assets out of 122 above	91,965,001.33	7,085,145.22
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	30,820,170.76	30,624,732.76
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 / nala tax	0.00	0.00
141	(b) Diversion of land / building permission fees	0.00	0.00

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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	0.00	14,881,367.00
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	14,881,367.00	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/GST	0.00	0.00
154	(v) Entry tax	0.00	0.00
155	C. Others	0.00	0.00
156	**Total**	**45,701,537.76**	**45,506,099.76**
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	14,881,367.00
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**	**14,881,367.00**
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	1,630,286,134.00	2,135,579,339.72
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	493,472,557.00	901,084,581.10
285	1-2 years	657,908,998.00	440,836,141.56
286	2-3 years	406,471,884.00	131,135,608.69
287	More than 3 years	72,432,695.00	662,523,008.37
288	**Sub Total (I)**	**1,630,286,134.00**	**2,[illegible],339.72**
289		0.00	0.00

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BARAUNI TPS

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

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