



A Maharatna Company

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

**NTPC Limited**

(A Govt. of India Enterprise)

केन्द्रीय कार्यालय / Corporate Centre

Ref. No.:01/FA/ISD/Compliance/Q3 FY23

Dated: 28/01/2023

Listing Department National Stock Exchange of India Limited 'Exchange Plaza', C-1, Block G, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. <b>Scrip Code - NTPC</b>	Corporate Relationship Department, BSE Limited, Rotunda Building, P J Towers, Dalal Street, Fort, Mumbai - 400 001. <b>Scrip Code - 532555</b>
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**Sub: Corporate Disclosure**

Dear Sir/Madam,

We are enclosing the Key Performance Highlights of NTPC Ltd. for the quarter and nine month ended December 31, 2022.

Thanking you.

Yours faithfully,

**ADITYA** Digitally signed  
by ADITYA DAR  
**DAR** Date: 2023.01.28  
12:51:04 +05'30'  
(Aditya Dar)  
ED (Finance)

Encl.: As Above

पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप कॉम्प्लेक्स, 7, इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली-110003  
कार्पोरेट पहचान नम्बर: L40101DL1975GO1007966 टेलीफोन नं.: 011-24387333 फैक्स नं.: 011-24361018 ईमेल : ntpccc@ntpc.co.in वेबसाइट : www.ntpc.co.in

**Registered Office** : NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003  
**Corporate Identification Number** : L40101DL1975GO1007966 **Tel.** : 011-24387333 **Fax** : 011-24361018 **E-mail** : ntpccc@ntpc.co.in  
**Website** : www.ntpc.co.in

**KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND NINE-MONTHS ENDED 31.12.2022**

**A. Increase in Installed / Commercial Capacity (MW)**

Description	As on			
	31-Dec-22	31-Dec-21	Change	
Installed Capacity (NTPC Group)	70,884	67,757	3,127	One unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 80 MW solar capacity at Jetsar, 246.08 MW solar capacity at Fatehgarh, 240 MW solar capacity at Devikot, 230 MW solar capacity at Ettayyapuram, 150 MW solar capacity at Nokhra, 62.50 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya, 10 MW solar capacity at Gandhar, 10 MW solar capacity at Solapur, 270 MW at NSPCL and acquisition of 600 MW coal capacity at Jhabua.
Installed Capacity (NTPC Standalone)	58,269	56,013	2,256	One unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 80 MW solar capacity at Jetsar, 246.08 MW solar capacity at Fatehgarh, 240 MW solar capacity at Devikot, 230 MW solar capacity at Ettayyapuram, 150 MW solar capacity at Nokhra, 62.50 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya, 10 MW solar capacity at Gandhar and 10 MW solar capacity at Solapur.
Commercial Capacity (NTPC Group)	70,884	67,757	3,127	One unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 80 MW solar capacity at Jetsar, 246.08 MW solar capacity at Fatehgarh, 240 MW solar capacity at Devikot, 230 MW solar capacity at Ettayyapuram, 150 MW solar capacity at Nokhra, 62.50 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya, 10 MW solar capacity at Gandhar, 10 MW solar capacity at Solapur, 270 MW at NSPCL and acquisition of 600 MW coal capacity at Jhabua.
Commercial Capacity (NTPC Standalone)	58,269	56,013	2,256	One unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 80 MW solar capacity at Jetsar, 246.08 MW solar capacity at Fatehgarh, 240 MW solar capacity at Devikot, 230 MW solar capacity at Ettayyapuram, 150 MW solar capacity at Nokhra, 62.50 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya, 10 MW solar capacity at Gandhar and 10 MW solar capacity at Solapur.

**B (i). Gross Generation / Commercial Generation / Energy Sent Out (BUs)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)	% Change (9M-o-9M)
Gross Generation	78.646	75.674	2.972	3.93	85.487	(6.841)	(8.00)	254.613	226.954	27.659	12.19
Commercial Generation	78.626	75.574	3.052	4.04	85.484	(6.858)	(8.02)	254.514	225.897	28.617	12.67
Energy Sent Out	72.870	70.425	2.445	3.47	80.209	(7.339)	(9.15)	237.651	210.489	27.162	12.90

**B (ii). Coal Produced from Captive Mines-Commercial (MMT)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)	% Change (9M-o-9M)
Coal Produced	5.35	4.00	1.35	33.75	4.32	1.03	23.84	13.75	9.25	4.50	48.65

**C. PLF Data (in %)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)
PLF Coal (All India)*	-	-	-	-	-	63.27	57.05	6.22
PLF (NTPC) - COAL	68.85	67.72	1.13	74.08	(5.23)	74.45	69.06	5.39
PLF (NTPC) - GAS	3.43	6.24	(2.81)	2.60	0.83	5.37	7.35	(1.98)
PLF (NTPC) - SOLAR	20.98	17.30	3.68	20.61	0.37	21.55	18.28	3.27
PLF (NTPC) - HYDRO	24.45	24.51	(0.06)	98.09	(73.64)	54.77	54.08	0.69
PLF (NTPC) - SMALL HYDRO	37.92	3.80	34.12	50.04	(12.12)	43.88	27.25	16.63
PLF (NTPC) - WIND	14.75	20.08	(5.33)	26.05	(11.30)	25.23	24.02	1.21

\* Source:- CEA

**D. Plant Availability Factor (DC) (in %)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)
PAF - COAL	92.67	85.98	6.69	93.71	(1.04)	92.23	88.11	4.12
PAF - GAS	98.53	89.91	8.62	92.81	5.72	88.22	89.44	(1.22)
PAF - HYDRO	110.13	110.35	(0.22)	110.05	0.08	109.68	110.15	(0.47)

**E. Coal Supply Position (in MMT)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)	% Change (9M-o-9M)
Domestic Coal	52.45	54.96	(2.51)	(4.57)	48.72	3.73	7.66	154.44	146.71	7.73	5.27
Imported coal	1.57	0.52	1.05	201.92	5.58	(4.01)	-71.86	11.59	1.40	10.19	727.86
Total	54.02	55.48	(1.46)	(2.63)	54.30	(0.28)	-0.52	166.03	148.11	17.92	12.10

**F. Gas Consumption (in MMSCMD)**

	Quarter ended December 2022	Quarter ended December 2021	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2022	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)	% Change (9M-o-9M)
Gas	1.13	1.41	(0.28)	-19.86	0.66	0.47	71.21	1.39	1.67	(0.28)	-16.77

**G. Average Tariff for 9M FY 2022-23 (in Rs.)**

	9 Months ended December 2022	9 Months ended December 2021	Change (9M-o-9M)	% Change (9M-o-9M)
Average Tariff	4.96	3.95	1.01	25.57

Note : The Information in the Physical parameters in respect of previous periods restated due to merger of NPGCL & KBUNL in NTPC.