



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/Q2 FY22

Dated: 28/10/2021

Manager Listing Department National Stock Exchange of India Ltd. Exchange Plaza Bandra Kurla Complex, Bandra(E) Mumbai-400 051	General Manager Department of Corporate Services BSE Limited Floor 25, Phiroze Jeejeebhoy Towers Dalal Street Mumbai-400 001
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**Sub: Corporate Disclosure**

Dear Sir,

We are enclosing the Key Performance Highlights of NTPC Ltd. for the quarter and half-year ended September 30, 2021.

Thanking you.

Yours faithfully,

(Aditya Dar)  
ED (Finance)

Encl.: As Above

पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप काम्प्लेक्स, 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 HALF-YEAR ENDED 30.09.2021

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

Description	As on			
	30-Sep-21	30-Sep-20	Change	
Installed Capacity (NTPC Group)	66,900	62,910	3,990	One unit of 800 MW at Gadawara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, one unit of 250 MW at Barauni, 225 MW solar capacity at Bilhaur, 20 MW solar capacity at Auraiya, 25 MW floating solar at Simhadri, one unit of 660 MW at Meja, one unit of 660 MW at NPGCL, 300 MW hydro capacity at NEEPCO, 50 MW solar capacity at THDC and discontinuation of operations of 460 MW coal capacity at Talcher.
Installed Capacity (NTPC Standalone)	53,475	51,155	2,320	One unit of 800 MW at Gadawara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, one unit of 250 MW at Barauni, 225 MW solar capacity at Bilhaur, 20 MW solar capacity at Auraiya, 25 MW floating solar at Simhadri and discontinuation of operations of 460 MW coal capacity at Talcher.
Commercial Capacity (NTPC Group)	66,650	62,110	4,540	One unit of 800 MW at Lara, one unit of 800 MW at Gadawara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, 225 MW solar capacity at Bilhaur, 20 MW solar capacity at Auraiya, 25 MW floating solar at Simhadri, one unit of 660 MW at Meja, one unit of 660 MW at NPGCL, 300 MW hydro capacity at NEEPCO, 50 MW solar capacity at THDC and discontinuation of operations of 460 MW coal capacity at Talcher.
Commercial Capacity (NTPC Standalone)	53,225	50,355	2,870	One unit of 800 MW at Lara, one unit of 800 MW at Gadawara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, 225 MW solar capacity at Bilhaur, 20 MW solar capacity at Auraiya, 25 MW floating solar at Simhadri and discontinuation of operations of 460 MW coal capacity at Talcher.

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

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)	% Change (6M-o-6M)
Gross Generation*	74,811	67,673	7,138	10.55	71,748	3,063	4.27	146,560	127,859	18,701	14.63
Commercial Generation*	74,371	67,528	6,843	10.13	71,435	2,936	4.11	145,806	127,655	18,151	14.22
Energy Sent Out*	69,274	62,866	6,408	10.19	66,612	2,662	4.00	135,886	118,711	17,175	14.47

\* Including generation from solar and hydro stations

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

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)	% Change (6M-o-6M)
Coal Produced	2.79	0.77	2.02	262.34	2.46	0.33	13.41	5.25	3.19	2.06	64.58

### C. PLF Data (in %)

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)
PLF Coal (All India)*	-	-	-	58.50	-	57.70	49.55	8.15
PLF (NTPC) - COAL	69.58	64.27	5.31	69.68	(0.10)	69.63	61.26	8.37
PLF (NTPC) - GAS	7.67	26.24	(18.57)	8.13	(0.46)	7.90	25.82	(17.92)
PLF (NTPC) - SOLAR	17.24	16.57	0.67	20.83	(3.59)	18.82	18.16	0.66
PLF (NTPC) - HYDRO	96.28	96.40	(0.12)	41.32	54.96	68.95	75.19	(6.24)
PLF (NTPC) - SMALL HYDRO	21.20	31.75	(10.55)	57.08	(35.88)	39.04	39.01	0.03
PLF (NTPC) - WIND	29.87	21.12	8.75	22.09	7.78	26.00	19.83	6.17

\* Source:- CEA

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

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)
PAF - COAL	85.36	91.83	(6.47)	93.68	(8.32)	89.44	93.78	(4.34)
PAF - GAS	81.55	90.22	(8.67)	96.95	(15.40)	89.21	94.13	(4.92)
PAF - HYDRO	110.35	110.24	0.11	109.75	0.60	110.05	109.72	0.33

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

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)	% Change (6M-o-6M)
Domestic Coal	43.39	38.21	5.18	13.56	45.81	(2.42)	-5.28	89.20	78.40	10.80	13.78
Imported coal	0.42	0.15	0.27	180.00	0.47	(0.05)	-10.64	0.88	0.35	0.53	151.43
Total	43.81	38.36	5.45	14.21	46.28	(2.47)	-5.34	90.08	78.75	11.33	14.39

### F. Gas Consumption (in MMSCMD)

	Quarter ended September 2021	Quarter ended September 2020	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2021	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)	% Change (6M-o-6M)
Gas	1.84	5.74	(3.90)	-67.94	1.80	0.04	2.22%	1.81	5.66	(3.85)	-68.02

### G. Average Tariff for H1 FY 2021-22 (in Rs.)

	6 Months ended September 2021	6 Months ended September 2020	Change (6M-o-6M)	% Change (6M-o-6M)
Average Tariff	3.82	3.86	(0.04)	-1.04