



NTPC Limited

(A Government of India Enterprise)
CORPORATE CENTRE

Ref. No.:01/ FA/ISD/Compliance/2022-23

Dated: 29.10.2022

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

Sub: Corporate Disclosure - Key Performance Highlights

We are enclosing the Key Performance Highlights of NTPC Ltd. for the quarter and half year ended September 30, 2022.

Yours faithfully,

Aditya Dar
Digitally signed
by Aditya Dar
Date: 2022.10.29
13:58:20 +05'30'
(Aditya Dar)
Executive Director (Finance)

KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND HALF-YEAR ENDED 30.09.2022

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			Change	
	30-Sep-22	30-Sep-21	Change		
Installed Capacity (NTPC Group)	70,254	66,680	3,574		One unit of 660 MW at Barh, one unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 160 MW solar capacity at Jetsar, 296 MW solar capacity at Fatehgarh, 100 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, one unit of 250 MW at BRBCL, 270 MW at NSPCL and acquisition of 600 MW coal capacity at Jhabua.
Installed Capacity (NTPC Standalone)	57,639	55,185	2,454		One unit of 660 MW at Barh, one unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, 160 MW solar capacity at Jetsar, 296 MW solar capacity at Fatehgarh, 100 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya and 10 MW solar capacity at Gandhar.
Commercial Capacity (NTPC Group)	70,254	66,430	3,824		One unit of 660 MW at Barh, one unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, one unit of 250 MW at Barauni, 160 MW solar capacity at Jetsar, 296 MW solar capacity at Fatehgarh, 100 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 one unit of 250 MW at BRBCL, 270 MW at NSPCL and acquisition of 600 MW capacity at Jhabua.
Commercial Capacity (NTPC Standalone)	57,639	54,935	2,704		One unit of 660 MW at Barh, one unit of 660 MW at Nabinagar, 400 MW solar capacity at Shambhu Ka Bhurj, one unit of 250 MW at Barauni, 160 MW solar capacity at Jetsar, 296 MW solar capacity at Fatehgarh, 100 MW floating solar at Ramagundam, 92 MW floating solar at Kayamkulam, 56 MW solar capacity at Kawas, 20 MW floating solar at Auraiya and 10 MW solar capacity at Gandhar.

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

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)	% Change (6M-o-6M)
Gross Generation*	85,487	77,423	8,064	10.42	90,498	(5,011)	(5.54)	175,975	151,280	24,695	16.32
Commercial Generation*	85,484	76,790	8,694	11.32	90,402	(4,918)	(5.44)	175,888	150,323	25,565	17.01
Energy Sent Out*	80,209	71,509	8,700	12.17	84,561	(4,352)	(5.15)	164,781	140,064	24,717	17.65

* Including generation from solar and hydro stations

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

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)	% Change (6M-o-6M)
Coal Produced	4.32	2.79	1.53	54.84	4.10	0.22	5.37	8.40	5.25	3.15	60.00

C. PLF Data (in %)

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)
PLF Coal (All India)*	-	-	-	69.49	-	64.46	57.74	6.72
PLF (NTPC) - COAL	74.08	69.29	4.79	80.53	(6.45)	77.27	69.60	7.67
PLF (NTPC) - GAS	2.60	7.67	(5.07)	10.14	(7.54)	6.35	7.90	(1.55)
PLF (NTPC) - SOLAR	20.61	17.24	3.37	23.52	(2.91)	21.92	18.82	3.10
PLF (NTPC) - HYDRO	98.09	96.28	1.81	41.61	56.48	70.00	68.95	1.05
PLF (NTPC) - SMALL HYDRO	50.04	21.20	28.84	43.68	6.36	46.87	39.04	7.83
PLF (NTPC) - WIND	26.05	29.87	(3.82)	34.98	(8.93)	30.49	26.00	4.49

* Source:- CEA

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

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)
PAF - COAL	93.71	84.89	8.82	90.37	3.34	92.06	89.44	2.62
PAF - GAS	92.81	81.55	11.26	73.04	19.77	83.03	89.21	(6.18)
PAF - HYDRO	110.05	110.35	(0.30)	108.84	1.21	109.45	110.05	(0.60)

E. Coal Supply Position (in MMT)

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)	% Change (6M-o-6M)
Domestic Coal	48.72	44.83	3.89	8.68	53.26	(4.54)	(-8.52)	101.98	91.98	10.00	10.87
Imported coal	5.58	0.42	5.16	1,228.57	4.44	1.14	25.68	10.02	0.88	9.14	1,038.64
Total	54.30	45.25	9.05	20.00	57.70	(3.40)	(-5.89)	112.00	92.86	19.14	20.61

F. Gas Consumption (in MMSCMD)

	Quarter ended September 2022	Quarter ended September 2021	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2022	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2022	6 Months ended September 2021	Change (6M-o-6M)	% Change (6M-o-6M)
Gas	0.66	1.84	(1.18)	(-64.13)	2.33	(1.67)	(-71.67)	1.51	1.81	(0.30)	(-16.57)

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

	Quarter ended September 2022	Quarter ended September 2021	Change (6M-o-6M)	% Change (6M-o-6M)
Average Tariff	4.77	3.86	0.91	23.58

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