

Ref. No.:01/FA/ISD/Compliance/Q2 FY24

Dated: 28/10/2023

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
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Sub: Corporate Disclosure

Dear Sir/Madam,

We are enclosing the Key Performance Highlights of NTPC Limited for the quarter and half year ended September 30, 2023.

Thanking you.

Yours faithfully,

ADITYA
DAR
(Aditya Dar)
ED (Finance)
Digitally signed
by ADITYA DAR
Date: 2023.10.28
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Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND HALF-YEAR ENDED 30.09.2023

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	30-Sep-23	30-Sep-22	Change	
Installed Capacity (NTPC Group)	73,824	70,254	3,570	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , One Unit of 660 MW of BIFPCL,790 MW of Renewable Capacity
Installed Capacity (NTPC Standalone)	57,838	57,639	199	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , 690 MW of Renewable Capacity and 2611 MW of Renewable capacity transferred to NGEL.
Commercial Capacity (NTPC Group)	73,824	70,254	3,570	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , One Unit of 660 MW of BIFPCL,790 MW of Renewable Capacity
Commercial Capacity (NTPC Standalone)	57,838	57,639	199	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , 690 MW of Renewable Capacity and 2611 MW of Renewable capacity transferred to NGEL.

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

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)	% Change (6M-o-6M)
Gross Generation*	90.302	85.487	4.815	5.63	88.546	1.756	1.98	178.848	175.975	2.873	1.63
Commercial Generation*	89.871	85.484	4.387	5.13	88.299	1.572	1.78	178.170	175.888	2.282	1.30
Energy Sent Out*	83.807	80.209	3.598	4.49	82.292	1.515	1.84	166.099	164.781	1.318	0.80

* Including generation from solar and hydro stations

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

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)	% Change (6M-o-6M)
Coal Produced	5.59	4.32	1.27	29.40	6.24	(0.65)	(10.42)	11.83	8.40	3.43	40.83

C. PLF Data (in %)

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)
PLF Coal (All India)*	-	-	-	70.38	-	68.75	64.46	4.29
PLF (NTPC) - COAL	75.83	74.08	1.75	77.43	(1.60)	76.62	77.27	(0.65)
PLF (NTPC) - GAS	18.25	2.60	15.65	10.09	8.16	14.19	6.35	7.84
PLF (NTPC) - SOLAR	19.73	20.61	(0.88)	24.54	(4.81)	22.22	21.92	0.30
PLF (NTPC) - HYDRO	93.16	98.09	(4.93)	39.60	53.56	66.53	70.00	(3.47)
PLF (NTPC) - SMALL HYDRO	59.76	50.04	9.72	62.58	(2.82)	61.16	46.87	14.29
PLF (NTPC) - WIND	-	26.05	(26.05)	-	-	-	30.49	(30.49)

* Source:- CEA

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

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)
PAF - COAL	90.12	93.71	(3.59)	96.46	(6.34)	93.32	92.06	1.26
PAF - GAS	92.22	92.81	(0.59)	93.28	(1.06)	92.74	83.03	9.71
PAF - HYDRO	109.15	110.05	(0.90)	109.45	(0.30)	109.30	109.45	(0.15)

E. Coal Supply Position (in MMT)

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)	% Change (6M-o-6M)
Domestic Coal	54.16	48.72	5.44	11.17	55.57	(1.41)	(2.54)	109.73	101.98	7.75	7.60
Imported coal	1.25	5.58	(4.33)	(77.56)	2.48	(1.23)	(49.52)	3.73	10.02	(6.29)	(62.77)
Total	55.41	54.30	1.11	2.05	58.05	(2.64)	(4.54)	113.46	112.00	1.46	1.30

F. Gas Consumption (in MMSCMD)

	Quarter ended September 2023	Quarter ended September 2022	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2023	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)	% Change (6M-o-6M)
Gas	4.53	0.66	3.87	586.36	2.47	2.06	83.40	3.85	1.51	2.34	154.97

G. Average Tariff (in Rs.)

	6 Month ended September 2023	6 Month ended September 2022	Change (6M-o-6M)	% Change (6M-o-6M)
Average Tariff	4.61	4.77	(0.16)	(3.35)