



Ref. No.:01/ FA/ISD/Compliance/Q3 FY25

Dated: 25/01/2025

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 Limited for the quarter ended December 31, 2024.

Thanking you.

Yours faithfully,

Aditya Dar

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(Aditya Dar)
ED (Finance)

Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND NINE-MONTHS ENDED 31.12.2024

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	31-Dec-24	31-Dec-23	Change	
Installed Capacity (NTPC Group)	76,598	73,874	2,724	1330 MW by NTPC Standalone, 20 MW by NSPCL, 660 MW by BIFPCL, Solar capacity of 542 MW by NREL & 172 MW by NGEL
Installed Capacity (NTPC Standalone)	59,168	57,838	1,330	One unit of 800MW at Telangana, One unit of 660MW at North Karanpura, 90MW Solar at Anta and Decommissioning of 220 MW at Barauni.
Commercial Capacity (NTPC Group)	76,598	73,874	2,724	1330 MW by NTPC Standalone, 20 MW by NSPCL, 660 MW by BIFPCL, Solar capacity of 542 MW by NREL & 172 MW by NGEL
Commercial Capacity (NTPC Standalone)	59,168	57,838	1,330	One unit of 800MW at Telangana, One unit of 660MW at North Karanpura, 90MW Solar at Anta and Decommissioning of 220 MW at Barauni.

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

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)	% Change (9M-o-9M)
Gross Generation	91.250	89.467	1.783	1.99	88.463	2.787	3.15	277.598	268.315	9.283	3.46
Commercial Generation	91.250	89.459	1.791	2.00	88.463	2.787	3.15	277.598	267.629	9.969	3.72
Energy Sent Out	85.055	83.851	1.204	1.44	82.227	2.828	3.44	258.599	249.950	8.649	3.46

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

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)	% Change (9M-o-9M)
Coal Produced	10.98	8.09	2.89	35.72	9.03	1.95	21.59	29.65	19.92	9.73	48.85

C. PLF Data (in %)

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)
PLF Coal (All India)*	-	-	-	-	-	69.47	68.51	0.96
PLF (NTPC) - COAL	75.98	75.95	0.03	72.28	3.70	76.20	76.40	(0.20)
PLF (NTPC) - GAS	3.42	7.72	(4.30)	6.77	(3.35)	11.28	12.03	(0.75)
PLF (NTPC) - SOLAR	20.26	18.71	1.55	18.38	1.88	20.73	20.86	(0.13)
PLF (NTPC) - HYDRO	22.11	21.22	0.89	97.37	(75.26)	58.95	51.37	7.58
PLF (NTPC) - SMALL HYDRO	-	44.35	(44.35)	27.85	(27.85)	27.69	55.44	(27.75)

* Source:- CEA

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

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)
PAF - COAL	89.58	86.24	3.34	84.93	4.65	89.11	90.92	(1.81)
PAF - GAS	96.14	92.43	3.71	91.47	4.67	93.08	92.64	0.44
PAF - HYDRO	88.37	103.54	(15.17)	104.01	(15.64)	98.13	107.37	(9.24)

E. Coal Supply Position (in MMT)

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)	% Change (9M-o-9M)
Domestic Coal	65.51	60.23	5.28	8.77	54.75	10.76	19.65	182.89	169.96	12.93	7.61
Imported coal	0.24	2.15	(1.91)	(88.82)	1.13	(0.89)	(78.76)	2.26	5.88	(3.62)	(61.56)
Total	65.75	62.38	3.37	5.41	55.88	9.87	17.66	185.15	175.84	9.31	5.29

F. Gas Consumption (in MMSCMD)

Description	Quarter ended December 2024	Quarter ended December 2023	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2024	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)	% Change (9M-o-9M)
Gas	1.06	2.05	(0.99)	(48.29)	2.05	(0.99)	(48.29)	2.93	2.99	(0.06)	(2.01)

G. Average Tariff (in Rs.)

Description	9 Months ended December 2024	9 Months ended December 2023	Change (9M-o-9M)	% Change (9M-o-9M)
Average Tariff	4.68	4.57	0.11	2.41