



Ref. No.:01/ FA/ISD/Compliance/Q4 FY24

Dated: 24/05/2024

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
---	---

Sub: Corporate Disclosure

Dear Sir,

We are enclosing the Key Performance Highlights of NTPC Limited for the quarter and year ended March 31, 2024.

Thanking you.

Yours faithfully,

ADITYA DAR Digitally signed by ADITYA DAR
Date: 2024.05.24 17:29:28 +05'30'
(Aditya Dar)
ED (Finance)

Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND YEAR ENDED 31.03.2024

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	31-Mar-24	31-Mar-23	Change	
Installed Capacity (NTPC Group)	75,958	72,254	3,704	One unit of 660 MW each at Barh and North Karanpura, Two units of 800 MW at Telangana, 324 MW of renewable projects (NTPC (10MW) , NGEL (114MW) & NREL (200MW)) , One unit of 660 MW at BIFPCL , 20MW at NSPCL-Durgapur and Decommissioning of 220 MW at Barauni.
Installed Capacity (NTPC Standalone)	59,078	56,368	2,710	One unit of 660 MW each at Barh and North Karanpura, Two units of 800 MW at Telangana, 10 MW of renewable projects and Decommissioning of 220 MW at Barauni.
Commercial Capacity (NTPC Group)	75,958	72,254	3,704	One unit of 660 MW each at Barh and North Karanpura, Two units of 800 MW at Telangana, 324 MW of renewable projects (NTPC (10MW) , NGEL (114MW) & NREL (200MW)) , One unit of 660 MW at BIFPCL , 20MW at NSPCL-Durgapur and Decommissioning of 220 MW at Barauni.
Commercial Capacity (NTPC Standalone)	59,078	56,368	2,710	One unit of 660 MW each at Barh and North Karanpura, Two units of 800 MW at Telangana, 10 MW of renewable projects and Decommissioning of 220 MW at Barauni.

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

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)	% Change (Y-o-Y)
Gross Generation	93.387	89.668	3.719	4.15	89.467	3.920	4.38	361.703	344.272	17.431	5.06
Commercial Generation	92.967	89.445	3.522	3.94	89.459	3.508	3.92	360.596	343.959	16.637	4.84
Energy Sent Out	86.671	83.420	3.251	3.90	83.851	2.820	3.36	336.621	321.071	15.550	4.84

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

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)	% Change (Y-o-Y)
Coal Produced	7.87	6.48	1.39	21.45	8.09	(0.22)	(2.72)	27.79	20.23	7.56	37.37

C. PLF Data (in %)

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)
PLF Coal (All India)*	-	-	-	-	-	69.49	64.00	5.49
PLF (NTPC) - COAL	79.77	80.32	(0.55)	75.95	3.82	77.25	75.90	1.35
PLF (NTPC) - GAS	2.69	1.76	0.93	7.72	(5.03)	9.70	4.48	5.22
PLF (NTPC) - SOLAR	23.16	23.60	(0.44)	18.71	4.45	21.43	22.06	(0.63)
PLF (NTPC) - HYDRO	13.71	13.96	(0.25)	21.22	(7.51)	42.01	44.70	(2.69)
PLF (NTPC) - SMALL HYDRO	51.10	47.64	3.46	44.35	6.75	54.43	44.81	9.62
PLF (NTPC) - WIND	-	21.98	(21.98)	-	-	-	24.65	(24.65)

* Source:- CEA

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

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)
PAF - COAL	89.42	93.52	(4.10)	86.24	3.18	90.52	92.60	(2.08)
PAF - GAS	94.36	93.90	0.46	92.43	1.93	93.06	89.62	3.44
PAF - HYDRO	90.52	103.63	(13.11)	103.54	(13.02)	103.18	108.19	(5.01)

E. Coal Supply Position (in MMT)

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)	% Change (Y-o-Y)
Domestic Coal	61.67	54.85	6.82	12.43	60.23	1.45	2.40	231.64	209.29	22.35	10.68
Imported coal	3.70	2.97	0.73	24.58	2.15	1.55	72.41	14.56	(4.99)	(34.27)	
Total	65.37	57.82	7.55	13.06	62.38	2.99	4.79	241.21	223.85	17.36	7.76

F. Gas Consumption (in MMSCMD)

	Quarter ended March 2024	Quarter ended March 2023	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2023	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2023-24	FY 2022-23	Change (Y-o-Y)	% Change (Y-o-Y)
Gas	0.95	0.41	0.54	131.71	2.26	(1.31)	(57.96)	2.74	1.13	1.61	142.48

G. Average Tariff (in Rs.)

	FY 2023-24	FY 2022-23	Change (Y-o-Y)	% Change (Y-o-Y)
Average Tariff	4.61	4.89	(0.28)	(5.73)