



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

केन्द्रीय कार्यालय/ Corporate Centre

Ref. No.:01/ FA/ISD/Compliance/Q3 FY24

Dated: 29/01/2024

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
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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, 2023.

Thanking you.

Yours faithfully,

(Aditya Dar)
ED (Finance)

Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND NINE-MONTHS ENDED 31.12.2023

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	31-Dec-23	31-Dec-22	Change	
Installed Capacity (NTPC Group)	73,874	70,884	2,990	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, 210 MW of Renewable Capacity
Installed Capacity (NTPC Standalone)	57,838	58,269	-431	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , 60 MW of Renewable Capacity and Transfer of 2611 MW of Renewable Capacity transfer to NGEL
Commercial Capacity (NTPC Group)	73,874	70,884	2,990	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, 210 MW of Renewable Capacity
Commercial Capacity (NTPC Standalone)	57,838	58,269	-431	One Unit of 660 MW at North Karanpura, One Unit of 660 MW at Barh, One Unit of 800 MW at Telangana , 60 MW of Renewable Capacity and Transfer of 2611 MW of Renewable Capacity transfer to NGEL

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

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)	% Change (9M-o-9M)
Gross Generation	89.467	78.646	10.821	13.76	90.302	(0.835)	(0.925)	268.315	254.613	13.702	5.382
Commercial Generation	89.459	78.626	10.833	13.78	89.871	(0.412)	(0.458)	267.629	254.514	13.115	5.153
Energy Sent Out	83.851	72.870	10.981	15.07	83.807	0.044	0.053	249.950	237.651	12.299	5.175

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

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)	% Change (9M-o-9M)
Coal Produced	8.09	5.35	2.74	51.21	5.59	2.50	44.72	19.92	13.75	6.17	44.87

C. PLF Data (in %)

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)
PLF Coal (All India)*	-	-	-	-	-	68.51	63.27	5.24
PLF (NTPC) - COAL	75.95	68.85	7.10	75.83	0.12	76.40	74.45	1.95
PLF (NTPC) - GAS	7.72	3.43	4.29	18.25	(10.53)	12.03	5.37	6.66
PLF (NTPC) - SOLAR	18.71	20.98	(2.27)	19.73	(1.02)	20.86	21.55	(0.69)
PLF (NTPC) - HYDRO	21.22	24.45	(3.23)	93.16	(71.94)	51.37	54.77	(3.40)
PLF (NTPC) - SMALL HYDRO	44.35	37.92	6.43	59.76	(15.41)	55.44	43.88	11.56
PLF (NTPC) - WIND	-	14.75	(14.75)	-	-	-	25.23	(25.23)

* Source:- CEA

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

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)
PAF - COAL	86.24	92.67	(6.43)	90.12	(3.88)	90.92	92.23	(1.31)
PAF - GAS	92.43	98.53	(6.10)	92.22	0.21	92.64	88.22	4.42
PAF - HYDRO	103.54	110.13	(6.59)	109.15	(5.61)	107.37	109.68	(2.31)

E. Coal Supply Position (in MMT)

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)	% Change (9M-o-9M)
Domestic Coal	60.23	52.45	7.78	14.82	54.16	6.06	11.20	169.96	154.44	15.52	10.05
Imported coal	2.15	1.57	0.58	36.69	1.25	0.89	71.41	5.88	11.59	(5.71)	(49.27)
Total	62.38	54.02	8.36	15.48	55.41	6.97	12.57	175.84	166.03	9.81	5.91

F. Gas Consumption (in MMSCMD)

Description	Quarter ended December 2023	Quarter ended December 2022	Change (Q3-o-Q3)	% Change (Q3-o-Q3)	Quarter ended September 2023	Change (Q3-o-Q2)	% Change (Q3-o-Q2)	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)	% Change (9M-o-9M)
Gas	2.26	1.13	1.13	100.00	4.53	(2.27)	(50.11)	3.30	1.39	1.91	137.41

G. Average Tariff (in Rs.)

Description	9 Months ended December 2023	9 Months ended December 2022	Change (9M-o-9M)	% Change (9M-o-9M)
Average Tariff	4.57	4.96	(0.39)	(7.86)