



A Maharatna Company

एन टी पी सी लिमिटेड

(भारत सरकार का उद्यम)

**NTPC Limited**

(A Govt. of India Enterprise)

केन्द्रीय कार्यालय / Corporate Centre

Ref. No.:01/FA/ISD/Compliance/Q2 FY25

Dated: 24/10/2024

Listing Department National Stock Exchange of India Limited 'Exchange Plaza', C-1, Block G, Bandra Kurla Complex, Bandra (E), Mumbai - 400 051. <b>Scrip Code – NTPC</b>	Corporate Relationship Department, BSE Limited, Rotunda Building, P J Towers, Dalal Street, Fort, Mumbai - 400 001. <b>Scrip Code - 532555</b>
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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, 2024.

Thanking you.

Yours faithfully,

**ADITYA  
DAR**

Digitally signed  
by ADITYA DAR  
Date: 2024.10.24  
18:08:28 +05'30'  
(Aditya Dar)  
ED (Finance)

Encl.: As Above

पंजीकृत कार्यालय : एनटीपीसी भवन, स्कोप काम्प्लेक्स, 7, इंस्टीट्यूशनल एरिया, लोधी रोड, नई दिल्ली-110003

कार्पोरेट पहचान नम्बर: L40101DL1975GO1007966 टेलीफोन नं.: 011-24387333 फैक्स नं.: 011-24361018 ईमेल : ntpccc@ntpc.co.in वेबसाइट : www.ntpc.co.in

**Registered Office** : NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003

**Corporate Identification Number** : L40101DL1975GO1007966 **Tel.** : 011-24387333 **Fax** : 011-24361018 **E-mail** : ntpccc@ntpc.co.in

**Website** : www.ntpc.co.in

## KEY PERFORMANCE HIGHLIGHTS FOR THE QUARTER AND HALF-YEAR ENDED 30.09.2024

### A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	30-Sep-24	30-Sep-23	Change	
Installed Capacity (NTPC Group)	76,443	73,824	2,619	One unit of 660 MW at North Karanpura, One unit of 800 MW at Telangana, 699 MW of renewable projects (NTPC (90MW), NGEL (139 MW) & NREL (470 MW)), One unit of 660 MW at BIFPCL, 20MW at NSPCL-Durgapur and Decommissioning of 220 MW at Barauni.
Installed Capacity (NTPC Standalone)	59,168	57,838	1,330	One unit of 660 MW at North Karanpura, One unit of 800 MW at Telangana, 90 MW of renewable projects and Decommissioning of 220 MW at Barauni.
Commercial Capacity (NTPC Group)	76,443	73,824	2,619	One unit of 660 MW at North Karanpura, One unit of 800 MW at Telangana, 699 MW of renewable projects (NTPC (90MW), NGEL (139 MW) & NREL (470 MW)), One unit of 660 MW at BIFPCL, 20MW at NSPCL-Durgapur and Decommissioning of 220 MW at Barauni.
Commercial Capacity (NTPC Standalone)	59,168	57,838	1,330	One unit of 660 MW at North Karanpura, One unit of 800 MW at Telangana, 90 MW of renewable projects and Decommissioning of 220 MW at Barauni.

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

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)	% Change (6M-o-6M)
Gross Generation*	88.463	90.302	(1.839)	(2.036)	97.886	(9.423)	(9.63)	186.349	178.848	7.501	4.19
Commercial Generation*	88.463	89.871	(1.408)	(1.567)	97.886	(9.423)	(9.63)	186.349	178.170	8.179	4.59
Energy Sent Out*	82.227	83.807	(1.580)	(1.885)	91.317	(9.090)	(9.95)	173.544	166.099	7.445	4.48

\* Including generation from solar and hydro stations

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

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)	% Change (6M-o-6M)
Coal Produced	9.03	5.59	3.44	61.54	9.64	(0.61)	(6.33)	18.67	11.83	6.84	57.82

### C. PLF Data (in %)

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)
PLF Coal (All India)*	-	-	-	76.19	-	70.63	68.56	2.07
PLF (NTPC) - COAL	72.28	75.83	(3.55)	80.39	(8.11)	76.31	76.62	(0.31)
PLF (NTPC) - GAS	6.77	18.25	(11.48)	23.79	(17.02)	15.23	14.19	1.04
PLF (NTPC) - SOLAR	18.38	19.73	(1.35)	23.80	(5.42)	20.97	21.94	(0.97)
PLF (NTPC) - HYDRO	97.37	93.16	4.21	57.36	40.01	77.47	66.53	10.94
PLF (NTPC) - SMALL HYDRO	27.85	59.76	(31.91)	55.52	(27.67)	41.61	61.16	(19.55)

\* Source:- www.npp.gov.in

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

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)
PAF - COAL	84.93	90.12	(5.19)	92.85	(7.92)	88.87	93.32	(4.45)
PAF - GAS	91.47	92.22	(0.75)	91.63	(0.16)	91.55	92.74	(1.19)
PAF - HYDRO	104.01	109.15	(5.14)	102.05	1.96	102.91	109.30	(6.39)

### E. Coal Supply Position (in MMT)

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)	% Change (6M-o-6M)
Domestic Coal	54.75	54.16	0.59	1.09	62.63	(7.88)	(12.58)	117.38	109.73	7.65	6.97
Imported coal	1.13	1.25	(0.12)	(9.74)	0.89	0.24	26.97	2.02	3.73	(1.71)	(45.84)
Total	55.88	55.41	0.47	0.84	63.52	(7.64)	(12.03)	119.40	113.46	5.94	5.24

### F. Gas Consumption (in MMSCMD)

	Quarter ended September 2024	Quarter ended September 2023	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2024	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)	% Change (6M-o-6M)
Gas	2.05	4.53	(2.48)	(54.75)	5.84	(3.79)	(64.90)	4.27	3.85	0.42	10.91

### G. Average Tariff (in Rs.)

	6 Month ended September 2024	6 Month ended September 2023	Change (6M-o-6M)	% Change (6M-o-6M)
Average Tariff	4.67	4.61	0.06	1.30