



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/2017-18

Dated: 31/01/2018

Manager Listing Department National Stock Exchange of India Ltd. Exchange Plaza Bandra Kurla Complex, Bandra(E) Mumbai-400 051 Fax No: 022 -26598237/26598238/66418125/ 66418126 Email:- cmlist@nse.co.in	General Manager Department of Corporate Services BSE Limited Floor 25, Phiroze Jeejeebhoy Towers Dalal Street Mumbai-400 001 Fax No: 022 -22721072/22722037/22722039/ 22722041/22722161/22723577 Email:- corp.relations@bseindia.com
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Sub: Corporate Disclosure

Dear Sir,

We are enclosing the Key Performance Highlights of NTPC Ltd. for the quarter and nine-months ended December 31, 2017.

Thanking you.

Yours faithfully,


(K. P. Gupta)

Company Secretary

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
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Website : www.ntpc.co.in

KEY PERFORMANCE HIGHLIGHTS FOR QUARTER AND NINE-MONTH ENDED 31.12.2017

A. Increase in Installed / Commercial Capacity (MW)

Description	As on		Change
	31-12-2017	31-12-2016	
Installed Capacity (NTPC Group)	51,383	48,028	3,355
Installed Capacity (NTPC Standalone)	44,492	41,062	3,430
Commercial Capacity (NTPC Group)	51,383	45,928	5,455
Commercial Capacity (NTPC Standalone)	44,492	39,602	4,890

One Unit of 800 MW at Kudgi, one unit of 660 MW at Mauda, one unit of 500 MW at Unchahar, one unit of 250 MW at Bongaigaon, 260 MW Solar Capacity at Bhadla, one unit of 660 MW at Solapur, 250 MW Solar Capacity at Mandasaur, 50 MW of Wind Capacity at Rojmal, one unit of 250 MW at Nabinagar (BRBCL) and decommissioning of 325 MW at PVUNL.

One unit of 800 MW at Kudgi, one unit of 660 MW at Mauda, one unit of 500 MW at Unchahar, one unit of 250 MW at Bongaigaon, 260 MW Solar Capacity at Bhadla, one unit of 660 MW at Solapur, 250 MW Solar Capacity at Mandasaur and 50 MW of Wind Capacity at Rojmal.

Two units of 800 MW each at Kudgi two units of 660 MW each at Mauda one unit of 500 MW at Unchahar, one unit of 660 MW at Solapur, one unit of 250 MW at Bongaigaon, 260 MW Solar Capacity at Bhadla, 250 MW Solar capacity at Mandasaur, 50 MW of Wind Capacity at Rojmal, two units of 250 MW each at Nabinagar (BRBCL), two units of 195 MW each at Kanti and decommissionalization of 325 MW at PVUNL.

Two units of 800 MW each at Kudgi, two units of 660 MW each at Mauda, one unit of 500 MW at Unchahar, one unit of 660 MW at Solapur, one unit of 250 MW at Bongaigaon, 260 MW Solar Capacity at Bhadla, 250 MW Solar capacity at Mandasaur and 50 MW of Wind Capacity at Rojmal.

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

Description	Quarter ended	Quarter ended	Change	% Change (Q3-o-Q3)	Quarter ended	Change	% Change (Q3-o-Q2)	9 Months ended	% Change (Q3-o-Q2)	9 Months ended	Change (9M-o-9M)	% Change (9M-o-9M)
	December 2017	December 2016	(Q3-o-Q3)		September 2017	(Q3-o-Q2)		December 2017		(Q3-o-Q2)		
Gross Generation*	67,782	61,396	6,386	10.40%	65,047	2,735	4.20%	197,239	186,544	10,695	5.73%	
Commercial Generation*	67,702	61,303	6,399	10.44%	64,647	3,055	4.73%	196,474	186,437	10,037	5.38%	
Energy Sent Out*	63,374	57,274	6,100	10.65%	60,475	2,899	4.79%	183,664	174,033	9,631	5.53%	

* Including generation from solar, hydro and wind stations

C. PLF Data (in %)

Description	Quarter ended	Quarter ended	Change	% Change (Q3-o-Q2)	9 Months ended	Change (9M-o-9M)
	December 2017	December 2016	(Q3-o-Q3)		December 2017	
PLF Thermal (All India)*	-	-	-	-	59.68	0.46
PLF (NTPC) - COAL	76.92	77.21	(0.29)	0.31	77.50	(0.22)
PLF (NTPC) - GAS	29.90	23.85	6.05	4.31	26.64	2.07
PLF (NTPC) - SOLAR	16.98	18.60	(1.62)	14.05	16.61	0.02
PLF (NTPC) - HYDRO	21.07	20.17	0.90	89.35	58.51	1.84
PLF (NTPC) - WIND	8.88	-	8.88	(7.69)	14.57	-

* Source - CEA

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

Description	Quarter ended	Quarter ended	Change	% Change (Q3-o-Q2)	9 Months ended	Change (9M-o-9M)
	December 2017	December 2016	(Q3-o-Q3)		December 2017	
PAF - COAL	83.00	91.49	(8.49)	86.14	85.94	(4.35)
PAF - GAS	94.53	93.34	1.19	90.87	91.21	(3.11)
PAF - HYDRO	100.00	107.38	(7.38)	105.57	103.06	(4.22)

E. Coal Supply Position (in MMT)

Description	Quarter ended	Quarter ended	Change	% Change (Q3-o-Q3)	Quarter ended	Change	% Change (Q3-o-Q2)	9 Months ended	% Change (9M-o-9M)
	December 2017	December 2016	(Q3-o-Q3)		September 2017	(Q3-o-Q2)		December 2017	
Domestic Coal	44.00	41.63	2.37	5.69%	39.77	4.23	10.64%	113.33	9.13
Imported coal	0.06	0.12	(0.06)	(50.00%)	0.02	0.04	200.00%	0.94	(0.72)
Total	44.06	41.75	2.31	5.53%	39.79	4.27	10.73%	114.27	8.41

F. Gas Consumption (in MMSCMD)

Description	Quarter ended	Quarter ended	Change	% Change (Q3-o-Q3)	Quarter ended	Change	% Change (Q3-o-Q2)	9 Months ended	% Change (9M-o-9M)
	December 2017	December 2016	(Q3-o-Q3)		September 2017	(Q3-o-Q2)		December 2017	
Gas	6.42	5.00	1.420	28.40%	5.49	0.93	16.94%	5.70	10.04%

G. Average Tariff for 9M FY 2017-18 (in Rs./KWh)

Average Tariff	3.21
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