



एनटीपीसी लिमिटेड

(भारत सरकार का उद्यम)

NTPC Limited

(A Govt. of India Enterprise)

केन्द्रीय कार्यालय/ Corporate Centre

Ref. No.:01/ FA/ISD/Compliance/2019-20

Dated: 09/11/2019

Manager Listing Department National Stock Exchange of India Ltd. Exchange Plaza Bandra Kurla Complex, Bandra(E) Mumbai-400 051 Email:- cmlist@nse.co.in	General Manager Department of Corporate Services BSE Limited Floor 25, Phiroze Jeejeebhoy Towers Dalal Street Mumbai-400 001 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 half-year ended on September 30, 2019.

Thanking you.

Yours faithfully,


(Aditya Dar)
GM (Finance)

Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR QUARTER AND HALF-YEAR ENDED 30.09.2019

A. Increase in Installed / Commercial Capacity (MW)

Description	As on			
	30-09-2019	30-09-2018	Change	
Installed Capacity (NTPC Group)	57,106	53,651	3,455	One unit of 800 MW at Gadawara, one unit of 660 MW at Solapur, one unit of 660 MW at Khargone, one unit of 660 MW at Tanda, one unit of 250 MW at Bongaigaon, two units of 110 MW each at Barauni, one unit of 660 MW at Nabinagar (NPGCL), one unit of 250 MW at Nabinagar (BRBCL) and decommissioning of 705 MW at Badarpur.
Installed Capacity (NTPC Standalone)	48,645	46,100	2,545	One unit of 800 MW at Gadawara, one unit of 660 MW at Solapur, one unit of 660 MW at Khargone, one unit of 660 MW at Tanda, one unit of 250 MW at Bongaigaon, two units of 110 MW each at Barauni and decommissioning of 705 MW at Badarpur.
Commercial Capacity (NTPC Group)	54,986	52,191	2,795	One unit of 800 MW at Gadawara, one unit of 660 MW at Solapur, one unit of 250 MW at Bongaigaon, two units of 110 MW each at Barauni, one unit of 660 MW at Meja, one unit of 660 MW at Nabinagar (NPGCL), one unit of 250 MW at Nabinagar (BRBCL) and decommissioning of 705 MW at Badarpur.
Commercial Capacity (NTPC Standalone)	46,525	45,300	1,225	One unit of 800 MW at Gadawara, one unit of 660 MW at Solapur, one unit of 250 MW at Bongaigaon, two units of 110 MW each at Barauni and decommissioning of 705 MW at Badarpur.

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

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)	% Change (6M-o-6M)
Gross Generation*	61,640	65,988	(4,348)	-6.59%	68,495	(6,855)	-10.01%	130,136	135,200	(5,064)	-3.75%
Commercial Generation*	61,139	65,970	(4,831)	-7.32%	68,203	(7,064)	-10.36%	129,342	135,094	(5,752)	-4.26%
Energy Sent Out*	56,814	61,609	(4,795)	-7.78%	63,639	(6,825)	-10.72%	120,453	126,167	(5,714)	-4.53%

* Including generation from solar, hydro, small hydro and wind stations

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

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)	% Change (6M-o-6M)
Coal Produced	2,376	-	2,376	-	2,125	0,251	11.81%	4,501	-	4,501	-

C. PLF Data (in %)

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)
PLF Thermal (All India)*	-	-	-	62.83	-	57.87	59.55	(1.68)
PLF (NTPC) - COAL	64.28	72.63	(8.35)	73.91	(9.63)	69.04	75.29	(6.25)
PLF (NTPC) - GAS	13.13	17.93	(4.80)	20.63	(7.50)	16.86	20.50	(3.64)
PLF (NTPC) - SOLAR	15.27	16.24	(0.97)	20.37	(5.10)	17.80	18.01	(0.21)
PLF (NTPC) - HYDRO	100.25	93.60	6.65	57.38	42.87	78.93	66.42	12.51
PLF (NTPC) - SMALL HYDRO	12.85	9.04	3.81	29.52	(16.67)	21.68	22.27	(0.59)
PLF (NTPC) - WIND	29.21	31.41	(2.20)	32.63	(3.42)	30.91	31.55	(0.64)

* Source:- CEA

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

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)
PAF - COAL	84.08	84.31	(0.23)	91.06	(6.98)	87.54	85.33	2.21
PAF - GAS	93.27	94.94	(1.67)	90.36	2.91	91.82	89.63	2.19
PAF - HYDRO	110.08	109.80	0.28	110.10	(0.02)	110.09	107.85	2.24

E. Coal Supply Position (in MMT)

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)	% Change (6M-o-6M)
Domestic Coal	35.34	39.60	(4.26)	-10.76%	42.28	(6.94)	-16.41%	77.62	82.65	(5.03)	-6.09%
Imported coal	0.62	0.11	0.51	463.64%	0.89	(0.27)	-30.34%	1.51	0.20	1.31	655.00%
Total	35.96	39.71	(3.75)	-9.44%	43.17	(7.21)	-16.70%	79.13	82.85	(3.72)	-4.49%

F. Gas Consumption (in MMSCMD)

	Quarter ended September 2019	Quarter ended September 2018	Change (Q2-o-Q2)	% Change (Q2-o-Q2)	Quarter ended June 2019	Change (Q2-o-Q1)	% Change (Q2-o-Q1)	6 Months ended September 2019	6 Months ended September 2018	Change (6M-o-6M)	% Change (6M-o-6M)
Gas	3.05	4.04	(0.99)	-24.50%	4.46	(1.41)	-31.61%	3.78	4.37	(0.61)	-13.96%

G. Average Tariff for H1 FY 2019-20 (in Rs./kWh)

Average Tariff	3.74
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