



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: 27/06/2020

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 herewith the Key Performance Highlights of NTPC Ltd. for the quarter and year ended March 31, 2020.

Thanking you.

Yours faithfully,


(Aditya Dar)

Chief General Manager

Encl.: As Above

KEY PERFORMANCE HIGHLIGHTS FOR QUARTER AND YEAR ENDED 31.03.2020

A. Increase in Installed / Commercial Capacity (MW)

Description	As on		Change	
	31-03-2020	31-03-2019		
Installed Capacity (NTPC Group)	62,110	55,126	6,984	One unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, two units of 660 MW at Khargone, one unit of 250 MW at Barauni, one unit of 660 MW at NPGCL, 1757 MW through acquisition of NEEPCO and 1537 MW through acquisition of THDC.
Installed Capacity (NTPC Standalone)	50,355	47,325	3,030	One unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, two units of 660 MW at Khargone and one unit of 250 MW at Barauni.
Commercial Capacity (NTPC Group)	61,126	52,866	8,260	One unit of 800 MW at Gadawara, one unit of 800 MW at Lara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, one unit of 660 MW of Khargone, one unit of 250 MW at Barauni, one unit of 660 MW at Meja, one unit of 660 MW at NPGCL, 1457 MW through acquisition of NEEPCO and 1513 MW through acquisition of THDC.
Commercial Capacity (NTPC Standalone)	49,695	45,725	3,970	One unit of 800 MW at Gadawara, one unit of 800 MW at Lara, one unit of 800 MW at Darlipalli, one unit of 660 MW at Tanda, one unit of 660 MW of Khargone and one unit of 250 MW at Barauni.

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

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)	% Change (Y-o-Y)
Gross Generation*	68,270	69,196	(0,926)	-1.34%	61,210	7,060	11.53%	259,618	274,454	(14,836)	-5.41%
Commercial Generation*	68,004	68,622	(0,618)	-0.90%	60,483	7,521	12.43%	257,829	273,540	(15,711)	-5.74%
Energy Sent Out*	63,464	64,119	(0,655)	-1.02%	56,287	7,177	12.75%	240,204	255,715	(15,511)	-6.07%

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

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

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)	% Change (Y-o-Y)
Coal Produced	2,595	-	2,595	-	2,533	0,062	2.45%	9,629	-	9,629	-

C. PLF Data (in %)

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)
PLF Thermal (All India)*	-	-	-	-	-	55.99	60.30	(4.31)
PLF (NTPC) - COAL	69.52	77.58	(8.06)	63.48	6.04	68.20	76.68	(8.48)
PLF (NTPC) - GAS	12.32	18.46	(6.14)	10.35	1.97	14.09	21.11	(7.02)
PLF (NTPC) - SOLAR	19.86	20.22	(0.36)	16.33	3.53	17.94	18.70	(0.76)
PLF (NTPC) - HYDRO	16.00	16.02	(0.02)	22.45	(6.45)	49.09	43.01	6.08
PLF (NTPC) - SMALL HYDRO	32.78	34.24	(1.46)	-	32.78	18.72	19.61	(0.89)
PLF (NTPC) - WIND	14.80	17.62	(2.82)	17.27	(2.47)	23.48	22.28	1.20

* Source:- CEA

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

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)
PAF - COAL	94.30	92.43	1.87	88.33	5.97	89.67	87.11	2.56
PAF - GAS	92.61	95.59	(2.98)	98.75	(6.14)	93.75	92.18	1.57
PAF - HYDRO	106.62	108.27	(1.65)	109.05	(2.43)	108.97	107.92	1.05

E. Coal Supply Position (in MMT)

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)	% Change (Y-o-Y)
Domestic Coal	48.44	46.94	1.50	3.20%	43.39	5.05	11.64%	172.00	175.76	(3.76)	-2.14%
Imported coal	0.67	0.66	0.01	1.52%	0.65	0.02	3.08%	2.84	1.04	1.80	173.08%
Total	49.11	47.60	1.51	3.17%	44.04	5.07	11.51%	174.84	176.80	(1.96)	-1.11%

F. Gas Consumption (in MMSCMD)

	Quarter ended March 2020	Quarter ended March 2019	Change (Q4-o-Q4)	% Change (Q4-o-Q4)	Quarter ended December 2019	Change (Q4-o-Q3)	% Change (Q4-o-Q3)	FY 2019-20	FY 2018-19	Change (Y-o-Y)	% Change (Y-o-Y)
Gas	2.76	4.08	(1.320)	-32.35%	2.44	0.32	13.11%	3.16	4.65	(1.490)	-32.04%

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

Average Tariff	3.90
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