

**CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
ANNUAL REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS FOR THE YEAR 2019-20**

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Actual Generation during the year (MUs)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported) - Long Term Contracts	Gas Consumed/Supplied (MMSCMD)					Alternate fuel used(KL)		
						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		TOTAL	Naptha	HSD
										APM /Non-APM/PMT	KGD-6	Total	Long Term	SPOT			
(A) CENTRAL SECTOR																	
1	NTPC, FARIDABAD CCGP	431.59	HARYANA	P	555.16	1.77	0.35	2.12	0.20	0.24	0.00	0.24	0.00	0.09	0.34	0.00	0.00
2	NTPC, ANTA CCGP	419.33	RAJASTHAN	P	302.14	1.58	0.24	1.82	0.50	0.10	0.00	0.10	0.10	0.00	0.21	0.00	0.00
3	NTPC, AURAIYA CCGP	663.36	UTTAR PRADESH	P	444.79	2.55	0.30	2.85	1.00	0.27	0.00	0.27	0.04	0.00	0.31	0.00	0.00
4	NTPC, DADRI CCGP	829.78	UTTAR PRADESH	P	1851.75	2.85	0.86	3.71	0.30	0.93	0.00	0.93	0.26	0.00	1.19	0.00	0.00
	Sub Total (NR)	2344.06			3153.84	8.75	1.75	10.50	2.00	1.55	0.00	1.55	0.40	0.09	2.04	0.00	0.00
5	NTPC, GANDHAR(JHANORE) CCGP	657.39	GUJARAT	P	436.33	2.56	0.63	3.19	0.00	0.29	0.00	0.29	0.04	0.00	0.33	0.00	0.00
6	NTPC, KAWAS CCGP	656.20	GUJARAT	P	1382.64	3.99	2.08	6.07	0.00	0.74	0.00	0.74	0.05	0.05	0.83	0.00	0.00
7	RATNAGIRI (RGPPL-DHABHOL)	1967.00	MAHARASHTRA	P	4263.72	0.90	7.60	8.50	1.75	0.82	0.00	0.82	1.38	0.03	2.23	0.00	0.00
	Sub Total (WR)	3280.59			6082.69	7.45	10.31	17.76	1.75	1.85	0.00	1.85	1.47	0.07	3.39	0.00	0.00
8	KATHALGURI (NEEPCO)	291.00	ASSAM	I	1704.12	1.40	0.00	1.40	0.00	1.32	0.00	1.32	0.00	0.00	1.32	0.00	0.00
9	AGARTALA GT+ST (NEEPCO)	135.00	TRIPURA	I	806.90	0.75	0.00	0.75	0.00	0.62	0.00	0.62	0.00	0.00	0.62	0.00	0.00
10	MONARCHAK(NEEPCO)	101.00	TRIPURA	I	713.44	0.50	0.00	0.50	0.00	0.48	0.00	0.48	0.00	0.00	0.48	0.00	0.00
11	TRIPURA CCGP (ONGC)	726.60	TRIPURA	I	3884.98	2.65	0.00	2.65	0.00	2.02	0.00	2.02	0.00	0.00	2.02	0.00	0.00
	Sub Total (NER)	1253.60			7109.44	5.30	0.00	5.30	0.00	4.44	0.00	4.44	0.00	0.00	4.44	0.00	0.00
	Total (CS)=A	6878.25			16345.97	21.50	12.06	33.56	3.75	7.83	0.00	7.83	1.87	0.17	9.87	0.00	0.00
(B) STATE SECTOR																	
12	I.P.CCPP	270.00	DELHI	P	501.54	0.95	0.00	0.95	0.60	0.28	0.00	0.28	0.10	0.00	0.38	0.00	0.00
13	PRAGATI CCGT-III	1500.00	DELHI	P	3983.96	1.56	0.93	2.49	0.00	1.54	0.00	1.54	0.66	0.00	2.20	0.00	0.00
14	PRAGATI CCGP	330.40	DELHI	P	1529.61	2.05	0.00	2.05	0.20	0.32	0.00	0.32	0.59	0.00	0.91	0.00	0.00
15	DHOLPUR CCGP	330.00	RAJASTHAN	P	0.00	1.50	0.10	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	RAMGARH (RRVUNL,Jaisalmer)	273.80	RAJASTHAN	I	731.37	1.65	0.00	1.65	0.00	0.89	0.00	0.89	0.00	0.00	0.89	0.00	0.79
	Sub Total (NR)	2704.20			6746.48	7.71	1.03	8.74	0.80	3.04	0.00	3.04	1.35	0.00	4.38	0.00	0.79
17	DHUVRAN CCGP(GSECL)	594.72	GUJARAT	P	838.81	0.25	0.44	0.69	0.25	0.12	0.00	0.12	0.08	0.22	0.42	0.00	0.00
18	HAZIRA CCGP(GSEG)	156.10	GUJARAT	P	43.25	0.80	0.01	0.81	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00
19	HAZIRA CCGP EXT	351.00	GUJARAT	P	581.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.31	0.00	0.00
20	PIPAVAV CCGP	702.00	GUJARAT	P	539.94	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.03	0.25	0.29	0.00	0.00
21	UTRAN CCGP(GSECL)	374.00	GUJARAT	P	746.90	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.02	0.37	0.39	0.00	0.00
22	URAN CCGP (MAHAGENCO)	672.00	MAHARASHTRA	P	2598.36	3.50	1.40	4.90	0.00	1.77	0.00	1.77	0.00	0.00	1.77	0.00	0.00
	Sub Total (WR)	2849.82			5348.82	4.55	3.30	7.85	0.49	1.90	0.00	1.90	0.14	1.18	3.21	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P / I	Actual Generation during the year (MUs)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported) - Long Term Contracts	Gas Consumed/Supplied (MMSCMD)					Alternate fuel used(KL)		
						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		TOTAL	Naptha	HSD
										APM /Non-APM/PMT	KGD-6	Total	Long Term	SPOT			
23	GODAVARI (JEGURUPADU)	235.40	ANDHRA PRADESH	P	656.16	1.10	0.21	1.31	0.00	0.41	0.00	0.41	0.00	0.00	0.41	0.00	0.00
24	KARAIKAL CCPP (PPCL)	32.50	PUDUCHERRY	I	255.79	0.20	0.00	0.20	0.00	0.17	0.00	0.17	0.00	0.00	0.17	0.00	0.00
25	KOVIKALPAL (THIRUMAKOTTAI)	107.00	TAMIL NADU	I	333.86	0.45	0.00	0.45	0.00	0.23	0.00	0.23	0.00	0.00	0.23	0.00	0.00
26	KUTTALAM (TANGEDCO)	100.00	TAMIL NADU	I	133.88	0.45	0.00	0.45	0.00	0.08	0.00	0.08	0.00	0.00	0.08	0.00	0.00
27	VALUTHUR CCPP	186.20	TAMIL NADU	I	1299.84	0.89	0.00	0.89	0.00	0.74	0.00	0.74	0.00	0.00	0.74	0.00	0.00
Sub Total (SR)		661.10			2679.53	3.09	0.21	3.30	0.00	1.64	0.00	1.64	0.00	0.00	1.64	0.00	0.00
28	LAKWA GT (ASEB, Maibella)	97.20	ASSAM	I	353.90	0.50	0.00	0.50	0.00	0.38	0.00	0.38	0.00	0.00	0.38	0.00	0.00
29	LAKWA Replacement CCPP***	69.76	ASSAM	I	497.80	0.40	0.00	0.40	0.00	0.31	0.00	0.31	0.00	0.00	0.31	0.00	0.00
30	NAMRUP CCPP + ST (APGCL)	161.25	ASSAM	I	252.91	0.66	0.00	0.66	0.00	0.37	0.00	0.37	0.00	0.00	0.37	0.00	0.00
31	BARAMURA GT (TSECL)	58.50	TRIPURA	I	240.31	0.40	0.00	0.40	0.00	0.27	0.00	0.27	0.00	0.00	0.27	0.00	0.00
32	ROKHIA GT (TSECL)	111.00	TRIPURA	I	447.31	0.50	0.00	0.50	0.00	0.56	0.00	0.56	0.00	0.00	0.56	0.00	0.00
Sub Total (NER)		497.71			1792.23	2.46	0.00	2.46	0.00	1.90	0.00	1.90	0.00	0.00	1.90	0.00	0.00
Total (SS)=B		6712.83			16567.06	17.81	4.54	22.35	1.29	8.47	0.00	8.47	1.48	1.18	11.12	0.00	0.79

(C) PVT/PP SECTOR

33	RITHALA CCPP (NDPL)	108.00	DELHI	P	0.00	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	GAMA CCPP	225.00	UTTARAKHAND	P	628.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.00	0.00
35	KASHIPUR CCPP(Sravanthi)	225.00	UTTARAKHAND	P	1357.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.80	0.00	0.00
Sub Total (NR)		558.00			1986.79	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	1.15	1.15	0.00	0.00
36	BARODA CCPP (GIPCL)	160.00	GUJARAT	P	0.00	0.36	0.09	0.45	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	ESSAR CCPP	300.00	GUJARAT	P	0.00	0.00	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	PAGUTHAN CCPP (CLP)	655.00	GUJARAT	P	0.00	0.13	1.30	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	SUGEN CCPP (TORRENT)	1147.50	GUJARAT	P	6003.35	0.90	3.31	4.21	1.14	0.09	0.00	0.09	0.82	2.20	3.12	0.00	0.00
40	UNOSUGEN CCPP	382.50	GUJARAT	P	2010.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.00	0.00
41	DGEN Mega CCPP	1200.00	GUJARAT	P	717.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.00	0.00
42	TROMBAY CCPP (TPC)	180.00	MAHARASHTRA	P	1136.96	1.50	0.00	1.50	1.00	0.68	0.00	0.68	0.00	0.00	0.68	0.00	0.00
43	MANGAON CCPP	388.00	MAHARASHTRA	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub Total (WR)		4413.00			9867.37	2.89	5.87	8.76	2.44	0.77	0.00	0.77	0.82	3.63	5.22	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Actual Generation during the year (MUs)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported) - Long Term Contracts	Gas Consumed/Supplied (MMSCMD)					Alternate fuel used(KL)		
						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		TOTAL	Naptha	HSD
										APM /Non-APM/PMT	KGD-6	Total	Long Term	SPOT			
44	GAUTAMI CAPP	464.00	ANDHRA PRADESH	P	0.00	1.96	1.86	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	GMR - KAKINADA (Tanirvavi)	220.00	ANDHRA PRADESH	P	0.00	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	GMR-Rajamundry Energy Ltd.	768.00	ANDHRA PRADESH	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	GODAVARI (SPECTRUM)	208.00	ANDHRA PRADESH	P	566.90	1.04	0.00	1.04	0.00	0.35	0.00	0.35	0.00	0.00	0.35	0.00	0.00
48	JEGURUPADU CAPP (GVK) PHASE- II	220.00	ANDHRA PRADESH	P	0.00	1.34	0.88	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	KONASEEMA CAPP	445.00	ANDHRA PRADESH	P	0.00	0.00	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	KONDAPALLI EXTN CAPP .	366.00	ANDHRA PRADESH	P	0.00	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	KONDAPALLI ST-3 CAPP (LANCO)	742.00	ANDHRA PRADESH	P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	KONDAPALLI CAPP (LANCO)	368.14	ANDHRA PRADESH	P	776.25	1.46	0.36	1.82	0.00	0.48	0.00	0.48	0.00	0.00	0.48	0.00	0.00
53	PEDDAPURAM (BSES)	220.00	ANDHRA PRADESH	P	0.00	0.84	0.25	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	VEMAGIRI CAPP	370.00	ANDHRA PRADESH	P	0.00	1.64	1.48	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	VJESWARAN CAPP	272.00	ANDHRA PRADESH	P	1014.31	1.32	0.00	1.32	0.00	0.64	0.00	0.64	0.00	0.00	0.64	0.00	0.00
56	PCIL POWER AND HOLDINGS Ltd*	30.00	ANDHRA PRADESH	P		0.00	0.12	0.12	0.00	-	-	-	-	-	-	-	-
57	RVK ENERGY*	28.00	ANDHRA PRADESH	P		0.00	0.11	0.11	0.00	-	-	-	-	-	-	-	-
58	SILK ROAD SUGAR*	35.00	ANDHRA PRADESH	P		0.00	0.10	0.10	0.00	-	-	-	-	-	-	-	-
59	LVS POWER*	55.00	ANDHRA PRADESH	P		0.00	0.22	0.22	0.00	-	-	-	-	-	-	-	-
60	KARUPPUR CAPP (LANCO TANJORE)	119.80	TAMIL NADU	I	795.28	0.50	0.00	0.50	0.00	0.45	0.00	0.45	0.00	0.00	0.45	0.00	0.00
61	P.NALLUR CAPP (PPN)	330.50	TAMIL NADU	I	0.00	1.50	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	VALANTARVY CAPP	52.80	TAMIL NADU	I	307.13	0.38	0.00	0.38	0.00	0.22	0.00	0.22	0.00	0.00	0.22	0.00	0.00
	Sub Total (SR)	5314.24			3459.87	11.98	9.50	21.48	0.00	2.13	0.00	2.13	0.00	0.00	2.13	0.00	0.00
63	DLF ASSAM GT*	24.50	ASSAM	I	-	0.10	0.00	0.10	0.00	-	-	0.00	-	-	-	-	-
	Sub Total (NER)	24.50			0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total (PVT/ IPP S)=C	10309.74			15314.03	14.97	15.77	30.74	2.44	2.90	0.00	2.90	0.82	4.78	8.51	0.00	0.00
	GRAND TOTAL=A+B+C	23900.82			48227.06	54.28	32.37	86.66	7.48	19.20	0.00	19.20	4.18	6.12	29.51	0.00	0.79

Gas Consumed/Supplied v/s Gas Allotted Summary:

Fig. in MMSCMD

Category	Domestic Gas			RLNG (Imported)		TOTAL
	APM / Non - APM/ PMT	KGD-6	Total	Long Term	SPOT	
Gas allotted	54.28	32.37	86.66	7.48	-	94.14
Gas Consumed/Supplied	19.20	0.00	19.20	4.18	6.12	29.51
% Gas Consumed/Supplied w.r.t Gas Allotted	35%	0%	22%	56%	-	31%

PLF(%)	
Cumulative (Apr'19-Mar'20)	23.0%

APM:Administered price mechanism, RLNG:Regasified liquefied natural gas, LT:Long term, DNR=Data not received;

MMSCM- Million Metric Standard Cubic Meters, MMSCMD - Million Metric Standard Cubic Metres/day=MMSCM/(No. of Days in a month)

P=Supply through Pipe Line, I=Isolated, MU – Million Unit, KL-- Kilo Litre, (KL=1.35*MT),

HSD – High Speed Diesel,

*PLANT UNDER SHUT DOWN

** Out of total 515 MW capacity, 300 MW electricity is being supplied to grid & balance 215 MW is used as captive generation.

Unit #2&3 of Lakwa Plant has been retired in July, 18