

**CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
ANNUAL REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS FOR THE YEAR 2020-21**

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	901.80	1.46	0.35	1.81	0.20	0.16	0.00	0.16	0.01	0.37	0.55	0.00	0.00
2	NTPC, ANTA CCGP	419.33	RAJASTHAN	P	364.35	1.31	0.24	1.55	0.50	0.15	0.00	0.15	0.09	0.00	0.24	134.35	0.00
3	NTPC, AURAIYA CCGP	663.36	UTTAR PRADESH	P	687.42	2.17	0.30	2.47	1.00	0.32	0.00	0.32	0.13	0.02	0.47	133.00	0.00
4	NTPC, DADRI CCGP	829.78	UTTAR PRADESH	P	1783.33	2.39	0.86	3.25	0.30	0.78	0.00	0.78	0.19	0.14	1.11	0.00	197.00
	Sub Total (NR)	2344.06			3736.90	7.33	1.75	9.08	2.00	1.41	0.00	1.41	0.42	0.53	2.36	267.35	197.00
5	NTPC, GANDHAR(JHANORE) CCGP	657.39	GUJARAT	P	829.48	2.56	0.63	3.19	0.00	0.49	0.00	0.49	0.01	0.00	0.51	0.00	0.00
6	NTPC, KAWAS CCGP	656.20	GUJARAT	P	1028.90	3.64	2.08	5.72	0.00	0.59	0.00	0.59	0.00	0.02	0.61	188.57	59.00
7	RATNAGIRI (RGPP-L-DHABHOL)	1967.00	MAHARASHTRA	P	2573.86	0.90	7.60	8.50	1.75	0.77	0.00	0.77	0.52	0.07	1.36	0.00	0.00
	Sub Total (WR)	3280.59			4432.24	7.10	10.31	17.41	1.75	1.85	0.00	1.85	0.53	0.09	2.47	188.57	59.00
8	KATHALGURI (NEEPCO)	291.00	ASSAM	I	1570.12	1.40	0.00	1.40	0.00	1.26	0.00	1.26	0.00	0.00	1.26	0.00	0.00
9	AGARTALA GT+ST (NEEPCO)	135.00	TRIPURA	I	880.05	0.75	0.00	0.75	0.00	0.69	0.00	0.69	0.00	0.00	0.69	0.00	0.00
10	MONARCHAK(NEEPCO)	101.00	TRIPURA	I	532.67	0.50	0.00	0.50	0.00	0.37	0.00	0.37	0.00	0.00	0.37	0.00	0.00
11	TRIPURA CCGP (ONGC)	726.60	TRIPURA	I	5090.23	2.65	0.00	2.65	0.00	2.68	0.00	2.68	0.00	0.00	2.68	0.00	0.00
	Sub Total (NER)	1253.60			8073.07	5.30	0.00	5.30	0.00	5.00	0.00	5.00	0.00	0.00	5.00	0.00	0.00
	Total (CS)=A	6878.25			16242.21	19.73	12.06	31.79	3.75	8.26	0.00	8.26	0.95	0.62	9.83	455.92	256.00
(B) STATE SECTOR																	
12	I.P.CCGP	270.00	DELHI	P	458.58	0.95	0.00	0.95	0.60	0.27	0.00	0.27	0.06	0.00	0.33	0.00	0.00
13	PRAGATI CCGT-III	1500.00	DELHI	P	3309.73	1.56	0.93	2.49	0.00	1.41	0.00	1.41	0.35	0.00	1.77	0.00	0.00
14	PRAGATI CCGP	330.40	DELHI	P	1535.70	2.05	0.00	2.05	0.20	0.32	0.00	0.32	0.57	0.00	0.89	0.00	0.00
15	DHOLPUR CCGP	330.00	RAJASTHAN	P	110.37	1.50	0.10	1.60	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00
16	RAMGARH (RRVUNL,Jaisalmer)	273.80	RAJASTHAN	I	543.97	1.65	0.00	1.65	0.00	0.65	0.00	0.65	0.00	0.00	0.65	0.00	17.09
	Sub Total (NR)	2704.20			5958.35	7.71	1.03	8.74	0.80	2.65	0.00	2.65	0.98	0.08	3.71	0.00	17.09
17	DHUVARAN CCGP(GSECL)	594.72	GUJARAT	P	1644.50	0.25	0.44	0.69	0.25	0.09	0.00	0.09	0.11	0.68	0.88	0.00	0.00
18	HAZIRA CCGP(GSEG)	156.10	GUJARAT	P	394.28	0.80	0.01	0.81	0.00	0.00	0.00	0.00	0.00	0.24	0.24	0.00	0.00
19	HAZIRA CCGP EXT	351.00	GUJARAT	P	1306.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72	0.00	0.00
20	PIPAVAV CCGP	702.00	GUJARAT	P	2713.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.39	0.00	0.00
21	UTRAN CCGP (GSECL)	374.00	GUJARAT	P	1763.45	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.10	0.84	0.93	0.00	0.00
22	URAN CCGP (MAHAGENCO)	672.00	MAHARASHTRA	P	2007.96	3.50	1.40	4.90	0.00	1.35	0.00	1.35	0.00	0.00	1.35	0.00	0.00
	Sub Total (WR)	2849.82			9830.99	4.55	3.30	7.85	0.49	1.43	0.00	1.43	0.21	3.86	5.50	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	652.17	1.10	0.21	1.31	0.00	0.42	0.00	0.42	0.00	0.00	0.42	0.00	0.00
24	KARAIKAL CCPP (PPCL)	32.50	PUDUCHERRY	I	232.15	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	271.30	0.45	0.00	0.45	0.00	0.20	0.00	0.20	0.00	0.00	0.20	0.00	0.00
26	KUTTALAM (TANGEDCO)	100.00	TAMIL NADU	I	489.91	0.45	0.00	0.45	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.00
27	VALUTHUR CCPP	186.20	TAMIL NADU	I	1018.19	0.89	0.00	0.89	0.00	0.59	0.00	0.59	0.00	0.00	0.59	0.00	0.00
	Sub Total (SR)	661.10			2663.72	3.09	0.21	3.30	0.00	1.68	0.00	1.68	0.00	0.00	1.68	0.00	0.00
28	LAKWA GT (ASEB, Maibella)	97.20	ASSAM	I	440.62	0.50	0.00	0.50	0.00	0.33	0.00	0.33	0.00	0.00	0.33	0.00	0.00
29	LAKWA Replacement CCPP***	69.76	ASSAM	I	478.93	0.40	0.00	0.40	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.00
30	NAMRUP CCPP + ST (APGCL)	162.40	ASSAM	I	231.73	0.66	0.00	0.66	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.00
31	BARAMURA GT (TSECL)	58.50	TRIPURA	I	192.40	0.40	0.00	0.40	0.00	0.23	0.00	0.23	0.00	0.00	0.23	0.00	0.00
32	ROKHIA GT (TSECL)	111.00	TRIPURA	I	347.86	0.50	0.00	0.50	0.00	0.43	0.00	0.43	0.00	0.00	0.43	0.00	0.00
	Sub Total (NER)	498.86			1691.54	2.46	0.00	2.46	0.00	1.60	0.00	1.60	0.00	0.00	1.60	0.00	0.00
	Total (SS)=B	6713.98			20144.60	17.81	4.54	22.35	1.29	7.36	0.00	7.36	1.19	3.94	12.49	0.00	17.09
(C) PVT/IPP 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	229.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.00	0.00
35	KASHIPUR CCPP(Sravanthi)	225.00	UTTARAKHAND	P	492.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.28	0.00	0.00
	Sub Total (NR)	558.00			721.97	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.28	0.13	0.41	0.00	0.00
36	BARODA CCPP (GIPCL)	160.00	GUJARAT	P	14.15	0.36	0.09	0.45	0.30	0.01	0.00	0.01	0.00	0.00	0.01	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	5986.87	0.90	3.31	4.21	1.14	0.00	0.00	0.00	1.09	1.90	2.99	0.00	0.00
40	UNOSUGEN CCPP	382.50	GUJARAT	P	1929.13	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00	1.02	1.06	0.00	0.00
41	DGEN Mega CCPP	1200.00	GUJARAT	P	1058.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.54	0.00	0.00
42	TROMBAY CCPP (TPC)	180.00	MAHARASHTRA	P	1381.61	1.50	0.00	1.50	1.00	0.79	0.00	0.79	0.00	0.04	0.83	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			10370.57	2.89	5.87	8.76	2.44	0.84	0.00	0.84	1.09	3.49	5.42	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	419.28	1.04	0.00	1.04	0.00	0.24	0.00	0.24	0.00	0.00	0.24	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	991.49	1.46	0.36	1.82	0.00	0.61	0.00	0.61	0.00	0.00	0.61	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	VEGIRI 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	VIJESWARAN CAPP	272.00	ANDHRA PRADESH	P	1260.30	1.32	0.00	1.32	0.00	0.76	0.00	0.76	0.00	0.00	0.76	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	270.45	0.50	0.00	0.50	0.00	0.17	0.00	0.17	0.00	0.00	0.17	0.00	0.00
61	P.NALLUR CAPP (PPN)	330.50	TAMIL NADU	I	2.01	1.50	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	494.01	21.15
62	VALANTARVY CAPP	52.80	TAMIL NADU	I	212.87	0.38	0.00	0.38	0.00	0.15	0.00	0.15	0.00	0.00	0.15	0.00	0.00
	Sub Total (SR)	5314.24			3156.40	11.98	9.50	21.48	0.00	1.93	0.00	1.93	0.00	0.00	1.93	494.01	21.15
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			14248.94	14.97	15.77	30.74	2.44	2.77	0.00	2.77	1.37	3.62	7.76	494.01	21.15
	GRAND TOTAL=A+B+C	23901.97			50635.75	52.51	32.37	84.89	7.48	18.38	0.00	18.38	3.52	8.18	30.08	949.93	294.24

Gas Consumed/Supplied v/s Gas Allotted Summary:

Category	Domestic Gas (MMSCMD)			RLNG (Imported)		TOTAL
	APM / Non - APM/ PMT	KGD-6	Total	Long Term	SPOT	
Gas allotted	52.51	32.37	84.89	7.48	-	92.37
Gas Consumed/Supplied	18.38	0.00	18.38	3.52	8.18	30.08
% Gas Consumed/Supplied w.r.t Gas Allotted	35%	0%	22%	47%	-	33%

PLF(%)	
Cumulative (Apr'20-Mar'21)	24.2%

Gas Supply to Pipeline connected and Isolated field connected gas based power plants:

	Pipeline (45 plants)				Isolated (18 plants)	
	Domestic	Imported		Total	Domestic	Import
		Long Term	Spot			
Gas Allocation	71.01	7.48	-	78.49	13.88	0.00
Gas Supply	9.56	3.52	8.18	21.26	8.82	0.00
% Gas supply w.r.t allocation	13%	47%	-	27%	64%	-
PLF (%)	21%			49%		

Plants having NIL Generation during 2020-21 5439 MW

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.