

CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
ANNUAL REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS FOR THE YEAR 2017-18

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P / I	Actual Gen during the year (MUs)	Gas Alloted (MMSCMD)					GAS CONSUMED (MMSCMD)						Alternate fuel used(KL)	
						APM (Firm)	Non APM	KGD-6 (Firm)	RLNG	TOTAL	APM (Firm)	NON APM	KGD-6	RLNG		TOTAL	Naptha	HSD
									LT					LT	SPOT			
(A) CENTRAL SECTOR																		
1	NTPC, FARIDABAD CAPP	431.59	HARYANA	P	837.38	1.77	0.00	0.35	0.20	2.32	0.31	0.14	0.00	0.00	0.06	0.50	0.00	0
2	NTPC, ANTA CAPP	419.33	RAJASTHAN	P	450.95	1.58	0.00	0.24	0.50	2.32	0.09	0.03	0.00	0.00	0.17	0.29	0.00	0
3	NTPC, AURAIYA CAPP	663.36	UTTAR PRADESH	P	376.97	2.55	0.00	0.30	1.00	3.85	0.06	0.01	0.00	0.00	0.16	0.23	0.00	0
4	NTPC, DADRI CAPP	829.78	UTTAR PRADESH	P	1627.81	2.85	0.00	0.86	0.30	4.01	0.74	0.15	0.00	0.00	0.12	1.01	0.00	0
	Sub Total (NR)	2344.06			3293.11	8.75	0.00	1.75	2.00	12.50	1.20	0.32	0.00	0.00	0.50	2.03	0.00	0.00
5	NTPC, GANDHAR(JHANORE) CAPP	657.39	GUJARAT	P	3111.93	2.34	0.22	0.63	0.00	3.19	1.56	0.18	0.00	0.00	0.15	1.89	0.00	0
6	NTPC, KAWAS CAPP	656.2	GUJARAT	P	2405.90	3.39	0.60	2.08	0.00	6.07	1.08	0.14	0.00	0.00	0.19	1.41	0.00	0
7	RATNAGIRI (RGPL-DHABHOL)	1967	MAHARASHTRA	P	4501.03	0.00	0.60	7.60	1.75	9.95	0.00	0.76	0.00	1.45	0.14	2.35	0.00	0
	Sub Total (WR)	3280.59			10018.86	5.73	1.42	10.31	1.75	19.21	2.64	1.09	0.00	1.45	0.48	5.65	0.00	0.00
8	KATHALGURI (NEEPCO)	291	ASSAM	I	1598.25	1.00	0.4	0.00	0.00	1.40	0.98	0.21	0.00	0.00	0.00	1.19	0.00	0
9	AGARTALA GT+ST (NEEPCO)	135	TRIPURA	I	688.27	0.75	0.00	0.00	0.00	0.75	0.21	0.31	0.00	0.00	0.00	0.52	0.00	0
10	MONARCHAK(NEEPCO)	101	TRIPURA	I	671.53	0.50	0.00	0.00	0.00	0.50	0.40	0.00	0.00	0.00	0.00	0.40	0.00	0
11	TRIPURA CAPP (ONGC)	726.6	TRIPURA	I	4053.16	2.65	0.00	0.00	0.00	2.65	0.98	1.36	0.00	0.00	0.00	2.34	0.00	0
	Sub Total (NER)	1253.6			7011.21	4.90	0.40	0.00	0.00	5.30	2.57	1.88	0.00	0.00	0.00	4.45	0.00	0.00
	Total (CS)=A	6878.25			20323.18	19.38	1.82	12.06	3.75	37.01	6.41	3.29	0.00	1.45	0.98	12.13	0.00	0.00
(B) STATE SECTOR																		
12	I.P.CAPP	270	DELHI	P	578.80	0.72	0.23	0.00	0.60	1.55	0.24	0.10	0.00	0.07	0.00	0.42	0.00	0.00
13	PRAGATI CCGT-III	1500	DELHI	P	2957.53	0.00	1.56	0.93	0.00	2.49	0.01	1.26	0.00	0.29	0.09	1.65	0.00	0.00
14	PRAGATI CAPP	330.4	DELHI	P	1955.36	2.03	0.02	0.00	0.20	2.25	0.47	0.09	0.00	0.47	0.05	1.08	0.00	0.00
15	DHOLPUR CAPP	330	RAJASTHAN	P	247.72	1.50	0.00	0.10	0.00	1.60	0.00	0.12	0.00	0.00	0.03	0.15	0.00	0.00
16	RAMGARH (RRVUNL,Jaisalmer)	273.8	RAJASTHAN	I	1448.68	0.95	0.70	0.00	0.00	1.65	0.56	0.78	0.00	0.00	0.00	1.35	0.00	2.16
	Sub Total (NR)	2704.2			7188.09	5.20	2.51	1.03	0.80	9.54	1.29	2.35	0.00	0.84	0.18	4.65	0.00	2.16
18	DHUVARAN CAPP(GSECL)	594.72	GUJARAT	P	595.78	0.20	0.05	0.44	0.25	0.94	0.27	0.02	0.00	0.00	0.01	0.31	0.00	0.00
19	HAZIRA CAPP(GSEG)	156.1	GUJARAT	P	2.48	0.00	0.80	0.01	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	HAZIRA CAPP EXT	351	GUJARAT	P	193.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.00	0.00
17	PIPAVAV CAPP	702	GUJARAT	P	168.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00	0.00
21	UTRAN CAPP(GSECL)	374	GUJARAT	P	257.59	0.00	0.00	1.45	0.24	1.69	0.00	0.00	0.00	0.00	0.14	0.14	0.00	0.00
22	URAN CAPP (MAHAGENCO)	672	MAHARASHTRA	P	3211.70	3.50	0.00	1.40	0.00	4.90	2.15	0.00	0.00	0.00	0.00	2.15	0.00	0.00
	Sub Total (WR)	2849.82			4428.94	3.70	0.85	3.30	0.49	8.34	2.43	0.02	0.00	0.00	0.42	2.87	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P / I	Actual Gen during the year (MUs)	Gas Alloted (MMSCMD)					GAS CONSUMED (MMSCMD)						Alternate fuel used(KL)	
						APM (Firm)	Non APM	KGD-6 (Firm)	RLNG	TOTAL	APM (Firm)	NON APM	KGD-6	RLNG		TOTAL	Naptha	HSD
														LT	SPOT			
23	KARAIKAL CCPP (PPCL)	32.5	PUDUCHERRY	I	226.45	0.20	0.00	0.00	0.00	0.20	0.18	0.00	0.00	0.00	0.00	0.18	0.00	0.00
24	KOVIKALPAL (THIRUMAKOTTAI)	107	TAMIL NADU	I	302.47	0.45	0.00	0.00	0.00	0.45	0.24	0.00	0.00	0.00	0.00	0.24	0.00	0.00
25	KUTTALAM (TANGEDCO)	100	TAMIL NADU	I	349.49	0.45	0.00	0.00	0.00	0.45	0.22	0.02	0.00	0.00	0.00	0.24	0.00	0.00
26	VALUTHUR CCPP	186.2	TAMIL NADU	I	1258.51	0.65	0.24	0.00	0.00	0.89	0.43	0.31	0.00	0.00	0.00	0.74	0.00	0.00
27	GODAVARI (JEGURUPADU)	235.4	ANDHRA PRADESH	P	1065.12	0.90	0.20	0.21	0.00	1.31	0.41	0.25	0.00	0.00	0.00	0.66	0.00	0.00
	Sub Total (SR)	661.1			3202.04	2.65	0.44	0.21	0.00	3.30	1.47	0.58	0.00	0.00	0.00	2.05	0.00	0.00
28	LAKWA GT (ASEB,Maibella)	127.2	ASSAM	I	657.03	0.40	0.50	0.00	0.00	0.90	0.33	0.35	0.00	0.00	0.00	0.68	0.00	0.00
29	NAMRUP CCPP + ST (APGCL)	160.5	ASSAM	I	326.86	0.66	0.00	0.00	0.00	0.66	0.42	0.01	0.00	0.00	0.00	0.43	0.00	0.00
30	BARAMURA GT (TSECL)	58.5	TRIPURA	I	177.88	0.60	0.00	0.00	0.00	0.60	0.20	0.01	0.00	0.00	0.00	0.21	0.00	0.00
31	ROKHIA GT (TSECL)	111	TRIPURA	I	408.43	0.56	0.00	0.00	0.00	0.56	0.45	0.04	0.00	0.00	0.00	0.49	0.00	0.00
	Sub Total (NER)	457.2			1570.20	2.22	0.50	0.00	0.00	2.72	1.41	0.40	0.00	0.00	0.00	1.81	0.00	0.00
	Total (SS)=B	6672.32			16389.27	13.77	4.30	4.54	1.29	23.90	6.60	3.35	0.00	0.84	0.60	11.39	0.00	2.16
(C) PVT/IPP SECTOR																		
32	RITHALA CCPP (NDPL)	108	DELHI	P	0.00	0.00	0.00	0.40	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	GAMA CCPP	225	UTTARAKHAND	P	560.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.32	0.00	0.00
34	KASHIPUR CCPP(Sravanthi)	225	UTTARAKHAND	P	1062.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61	0.00	0.00
	Sub Total (NR)	558			1622.99	0	0	0.4	0	0.40	0.00	0.00	0.00	0.00	0.92	0.92	0	0
35	TROMBAY CCPP (TPC)	180	MAHARASHTRA	P	1353.66	1.50	0.00	0.00	1.00	2.50	0.80	0.00	0.00	0.00	0.00	0.80	0.00	0.00
36	MANGAON CCPP	388	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	0.00
37	BARODA CCPP (GIPCL)	160	GUJARAT	P	35.56	0.28	0.08	0.09	0.30	0.75	0.01	0.00	0.00	0.03	0.01	0.05	0.00	0.00
38	ESSAR CCPP	300	GUJARAT	P	0.00	0.00	0.00	1.17	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	PAGUTHAN CCPP (GPEC)	655	GUJARAT	P	434.57	0.00	0.13	1.30	0.00	1.43	0.00	0.19	0.00	0.00	0.08	0.27	0.00	0.00
40	SUGEN CCPP (TORRENT)	1147.5	GUJARAT	P	6522.62	0.90	0.00	3.31	1.14	5.35	0.13	0.11	0.00	0.95	2.06	3.25	0.00	0.00
41	UNOSUGEN CCPP	382.5	GUJARAT	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	0.00
42	DGEN Mega CCPP	1200	GUJARAT	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	0.00
	Sub Total (WR)	4413			8346.41	2.68	0.21	5.87	2.44	11.20	0.94	0.30	0	0.98	2.15	4.37	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Actual Gen during the year (MUs)	Gas Alloted (MMSCMD)					GAS CONSUMED (MMSCMD)						Alternate fuel used(KL)	
						APM (Firm)	Non APM	KGD-6 (Firm)	RLNG	TOTAL	APM (Firm)	NON APM	KGD-6	RLNG		TOTAL	Naptha	HSD
									LT					LT	SPOT			
43	GAUTAMI CCPP	464	ANDHRA PRADESH	P	0.00	1.96	0.00	1.86	0.00	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	GMR - KAKINADA (Tanirvavi)	220	ANDHRA PRADESH	P	0.00	0.00	0.00	0.88	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	GMR-Rajamundry Energy Ltd.	768	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	0.00
46	GODAVARI (SPECTRUM)	208	ANDHRA PRADESH	P	572.40	0.90	0.14	0.00	0.00	1.04	0.23	0.12	0.00	0.00	0.00	0.35	0.00	0.00
47	JEGURUPADU CCPP (GVK) PHASE- II	220	ANDHRA PRADESH	P	0.00	1.10	0.24	0.88	0.00	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	KONASEEMA CCPP	445	ANDHRA PRADESH	P	0.00	0.00	0.00	1.78	0.00	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	KONDAPALLI EXTN CCPP .	366	ANDHRA PRADESH	P	0.00	0.00	0.00	1.46	0.00	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	KONDAPALLI ST-3 CCPP (LANCO)	742	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	0.00
51	KONDAPALLI CCPP (LANCO)	350	ANDHRA PRADESH	P	660.70	1.46	0.50	0.36	0.00	2.32	0.30	0.08	0.00	0.00	0.00	0.38	0.00	0.00
52	PEDDAPURAM (BSES)	220	ANDHRA PRADESH	P	0.00	0.64	0.20	0.25	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	VEMAGIRI CCPP	370	ANDHRA PRADESH	P	0.00	1.64	0.00	1.48	0.00	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	VIJESWARAN CCPP	272	ANDHRA PRADESH	P	1192.04	1.32	0.00	0.00	0.00	1.32	0.63	0.00	0.00	0.00	0.00	0.63	0.00	0.00
55	PCIL POWER AND HOLDINGS Ltd*	30	ANDHRA PRADESH	P	-	0.00	0.00	0.12	0.00	0.12	-	-	-	-	-	-	-	-
56	RVK ENERGY*	28	ANDHRA PRADESH	P	-	0.00	0.00	0.11	0.00	0.11	-	-	-	-	-	-	-	-
57	SILK ROAD SUGAR*	35	ANDHRA PRADESH	P	-	0.00	0.00	0.10	0.00	0.10	-	-	-	-	-	-	-	-
58	LVS POWER*	55	ANDHRA PRADESH	P	-	0.00	0.00	0.22	0.00	0.22	-	-	-	-	-	-	-	-
59	KARUPPUR CCPP (LANCO TANJORE)	119.8	TAMIL NADU	I	480.13	0.50	0.00	0.00	0.00	0.50	0.28	0.00	0.00	0.00	0.00	0.28	0.00	0.00
60	P.NALLUR CCPP (PPN)	330.5	TAMIL NADU	I	0.00	0.00	1.50	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	VALANTARVY CCPP	52.8	TAMIL NADU	I	371.45	0.30	0.08	0.00	0.00	0.38	0.14	0.12	0.00	0.00	0.00	0.26	0.00	0.00
	Sub Total (SR)	5296.1			3276.72	9.82	2.66	9.50	0.00	21.98	1.59	0.32	0.00	0.00	0.00	1.91	0.00	0.00
62	DLF ASSAM GT*	24.5	ASSAM	I	-	0.00	0.10	0.00	0.00	0.10	-	-	-	-	-	-	-	-
	Sub Total (NER)	24.5			0.00	0.00	0.10	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total (PVT/ IPP S)=C	10291.6			13246.12	12.50	2.97	15.77	2.44	33.68	2.53	0.62	0.00	0.98	3.07	7.20	0.00	0.00
	GRAND TOTAL=A+B+C	23842.17			49958.57	45.65	9.09	32.37	7.48	94.60	15.54	7.26	0.00	3.27	4.64	30.72	0.00	2.16

Gas consumed v/s Gas Alloted Summary:

Category	APM (Firm)	NON APM	KGD-6	RLNG		Total
				LT	SPOT	
Gas alloted	45.65	9.09	32.37	7.48	-	94.60
Gas Consumed	15.54	7.26	0.00	3.27	4.64	30.72
% Gas Supplied w.r.t Gas Alloted	34.0%	79.9%	0.0%	43.7%	-	32.5%

APM:Administerd 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,

Unit-1 Utran CCPP (144 MW) was retired in May 2017

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

*PLANT UNDER S/D