

**CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
ANNUAL REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS**

2018-19

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Tentative Generation during the month (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 CCPP	431.59	HARYANA	P	597.14	1.77	0.35	2.12	0.20	0.33	0.00	0.33	0.00	0.04	0.36	0.00	0.00
2	NTPC, ANTA CCPP	419.33	RAJASTHAN	P	547.81	1.58	0.24	1.82	0.50	0.15	0.00	0.15	0.04	0.17	0.35	2157.35	0.00
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH	P	545.03	2.55	0.30	2.85	1.00	0.12	0.00	0.12	0.04	0.20	0.37	1901.33	0.00
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH	P	1650.23	2.85	0.86	3.71	0.30	0.76	0.00	0.76	0.04	0.22	1.02	0.00	9338.00
	Sub Total (NR)	2344.06			3340.21	8.75	1.75	10.50	2.00	1.36	0.00	1.36	0.12	0.63	2.11	4058.68	9338.00
5	NTPC, GANDHAR(JHANORE) CCPP	657.39	GUJARAT	P	1570.52	2.56	0.63	3.19	0.00	0.96	0.00	0.96	0.00	0.09	1.06	0.00	0.00
6	NTPC, KAWAS CCPP	656.20	GUJARAT	P	2484.01	3.99	2.08	6.07	0.00	1.34	0.00	1.34	0.00	0.14	1.48	3944.69	101.01
7	RATNAGIRI (RGPL-DHABHOL)	1967.00	MAHARASHTRA	P	4482.32	0.60	7.60	8.20	1.75	0.78	0.00	0.78	1.55	0.00	2.33	0.00	0.00
	Sub Total (WR)	3280.59			8536.85	7.15	10.31	17.46	1.75	3.08	0.00	3.08	1.56	0.23	4.87	3944.69	101.01
8	KATHALGURI (NEEPCO)	291.00	ASSAM	I	1636.10	1.40	0.00	1.40	0.00	1.22	0.00	1.22	0.00	0.00	1.22	0.00	0.00
9	AGARTALA GT+ST (NEEPCO)	135.00	TRIPURA	I	649.80	0.75	0.00	0.75	0.00	0.49	0.00	0.49	0.00	0.00	0.49	0.00	0.00
10	MONARCHAK(NEEPCO)	101.00	TRIPURA	I	679.01	0.50	0.00	0.50	0.00	0.42	0.00	0.42	0.00	0.00	0.42	0.00	0.00
11	TRIPURA CCPP (ONGC)	726.60	TRIPURA	I	4699.09	2.65	0.00	2.65	0.00	2.51	0.00	2.51	0.00	0.00	2.51	0.00	0.00
	Sub Total (NER)	1253.60			7664.00	5.30	0.00	5.30	0.00	4.64	0.00	4.64	0.00	0.00	4.64	0.00	0.00
	Total (CS)=A	6878.25	39%		19541.06	21.20	12.06	33.26	3.75	9.08	0.00	9.08	1.67	0.86	11.62	8003.37	9439.01
(B) STATE SECTOR																	
12	I.P.CCPP	270.00	DELHI	P	603.16	0.95	0.00	0.95	0.60	0.38	0.00	0.38	0.20	0.00	0.58	0.00	0.00
13	PRAGATI CCGT-III	1500.00	DELHI	P	3634.91	1.56	0.93	2.49	0.00	1.31	0.00	1.31	0.71	0.04	2.06	0.00	0.00
14	PRAGATI CCPP	330.40	DELHI	P	1515.88	2.05	0.00	2.05	0.20	0.48	0.00	0.48	0.40	0.05	0.93	0.00	0.00
15	DHOLPUR CCPP	330.00	RAJASTHAN	P	18.17	1.50	0.10	1.60	0.00	0.01	0.00	0.01	0.00	0.01	0.02	0.00	0.00
16	RAMGARH (RRVUNL,Jaisalmer)	273.80	RAJASTHAN	I	997.65	1.65	0.00	1.65	0.00	1.13	0.00	1.13	0.00	0.00	1.13	0.00	2.11
	Sub Total (NR)	2704.20			6769.77	7.71	1.03	8.74	0.80	3.31	0.00	3.31	1.31	0.11	4.72	0.00	2.11
17	DHUVRAN CCPP(GSECL)	594.72	GUJARAT	P	681.61	0.25	0.44	0.69	0.25	0.24	0.00	0.24	0.00	0.13	0.37	0.00	0.00
18	HAZIRA CCPP(GSEG)	156.10	GUJARAT	P	23.25	0.80	0.01	0.81	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00
19	HAZIRA CCPP EXT	351.00	GUJARAT	P	341.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17	0.18	0.00	0.00
20	PIPAVAV CCPP	702.00	GUJARAT	P	492.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00
21	UTRAN CCPP(GSECL)	374.00	GUJARAT	P	408.73	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.22	0.22	0.00	0.00
22	URAN CCPP (MAHAGENCO)	672.00	MAHARASHTRA	P	2572.93	3.50	1.40	4.90	0.00	1.76	0.00	1.76	0.00	0.00	1.76	0.00	0.00
	Sub Total (WR)	2849.82			4520.27	4.55	3.30	7.85	0.49	2.00	0.00	2.00	0.01	0.78	2.80	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Tentative Generation during the month (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	828.00	1.10	0.21	1.31	0.00	0.52	0.00	0.52	0.00	0.00	0.52	98.76	0.00
24	KARAIKAL CCPP (PPCL)	32.50	PUDUCHERRY	I	235.75	0.20	0.00	0.20	0.00	0.18	0.00	0.18	0.00	0.00	0.18	0.00	0.00
25	KOVIKALPAL (THIRUMAKOTTAI)	107.00	TAMIL NADU	I	260.85	0.45	0.00	0.45	0.00	0.22	0.00	0.22	0.00	0.00	0.22	0.00	0.00
26	KUTTALAM (TANGEDCO)	100.00	TAMIL NADU	I	408.60	0.45	0.00	0.45	0.00	0.26	0.00	0.26	0.00	0.00	0.26	0.00	0.00
27	VALUTHUR CCPP	186.20	TAMIL NADU	I	1209.29	0.89	0.00	0.89	0.00	0.73	0.00	0.73	0.00	0.00	0.73	0.00	0.00
	Sub Total (SR)	661.10			2942.49	3.09	0.21	3.30	0.00	1.91	0.00	1.91	0.00	0.00	1.91	98.76	0.00
28	LAKWA GT (ASEB,Maibella)	97.20	ASSAM	I	473.06	0.50	0.00	0.50	0.00	0.52	0.00	0.52	0.00	0.00	0.52	0.00	0.00
29	LAKWA Replacement CCPP	69.76	ASSAM	I	250.32	0.40	0.00	0.40	0.00	0.33	0.00	0.33	0.00	0.00	0.33	0.00	0.00
30	NAMRUP CCPP + ST (APGCL)	161.25	ASSAM	I	314.26	0.66	0.00	0.66	0.00	0.42	0.00	0.42	0.00	0.00	0.42	0.00	0.00
31	BARAMURA GT (TSECL)	58.50	TRIPURA	I	175.52	0.40	0.00	0.40	0.00	0.21	0.00	0.21	0.00	0.00	0.21	0.00	0.00
32	ROKHIA GT (TSECL)	111.00	TRIPURA	I	439.02	0.50	0.00	0.50	0.00	0.53	0.00	0.53	0.00	0.00	0.53	0.00	0.00
	Sub Total (NER)	497.71			1652.18	2.46	0.00	2.46	0.00	2.01	0.00	2.01	0.00	0.00	2.01	0.00	0.00
	Total (SS)=B	6712.83	32%		15884.70	17.81	4.54	22.35	1.29	9.23	0.00	9.23	1.32	0.89	11.44	98.76	2.11
(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	410.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.24	0.00	0.00
35	KASHIPUR CCPP(Sravanthi)	225.00	UTTARAKHAND	P	835.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.00	0.00
	Sub Total (NR)	558.00			1246.62	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.72	0.72	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	298.21	0.13	1.30	1.43	0.00	0.15	0.00	0.15	0.00	0.03	0.18	2767.00	0.03
39	SUGEN CCPP (TORRENT)	1147.50	GUJARAT	P	6184.51	0.90	3.31	4.21	1.14	0.15	0.00	0.15	1.05	2.03	3.23	0.00	0.00
40	UNOSUGEN CCPP	382.50	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
41	DGEN Mega CCPP	1200.00	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
42	TROMBAY CCPP (TPC)	180.00	MAHARASHTRA	P	1408.39	1.50	0.00	1.50	1.00	0.84	0.00	0.84	0.00	0.00	0.84	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			7891.11	2.89	5.87	8.76	2.44	1.14	0.00	1.14	1.05	2.06	4.25	2767.00	0.03

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Tentative Generation during the month (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 CCPP	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	1135.48	1.04	0.00	1.04	0.00	0.69	0.00	0.69	0.00	0.00	0.69	0.00	0.00
48	JEGURUPADU CCPP (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 CCPP	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 CCPP .	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 CCPP (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 CCPP (LANCO)	350.00	ANDHRA PRADESH	P	1668.56	1.96	0.36	2.32	0.00	0.96	0.00	0.96	0.00	0.00	0.96	3327.95	13.04
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 CCPP	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 CCPP	272.00	ANDHRA PRADESH	P	1110.88	1.32	0.00	1.32	0.00	0.70	0.00	0.70	0.00	0.00	0.70	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 CCPP (LANCO TANJORE)	119.80	TAMIL NADU	I	660.59	0.50	0.00	0.50	0.00	0.37	0.00	0.37	0.00	0.00	0.37	0.00	0.00
61	P.NALLUR CCPP (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 CCPP	52.80	TAMIL NADU	I	363.19	0.38	0.00	0.38	0.00	0.25	0.00	0.25	0.00	0.00	0.25	0.00	0.00
	Sub Total (SR)	5296.10			4938.70	12.48	9.50	21.98	0.00	2.97	0.00	2.97	0.00	0.00	2.97	3327.95	13.04
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	10291.60	19%		14076.43	15.47	15.77	31.24	2.44	4.11	0.00	4.11	1.05	2.78	7.93	6094.95	13.07
	GRAND TOTAL=A+B+C	23882.68			49502.19	54.48	32.37	86.86	7.48	22.42	0.00	22.42	4.04	4.53	30.99	14197.08	9454.19

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	54.48	32.37	86.86	7.48	-	94.34
Gas Consumed/Supplied	22.42	0.00	22.42	4.04	4.53	30.99
% Gas Consumed/Supplied w.r.t Gas Allotted	41%	0%	26%	54%		33%

PLF(%)	
Cumulative (Apr'18-March'19)	23.7%

--

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

Gen Loss due to short supply of Gas (MUs)
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
5334.49
5334.493
185.86
79.39
42.34
722.11
1029.70
6364.19
0.00
0.00
0.00
1697.74
255.89
1953.63
0.00
21.97
125.63
0.00
19.71
931.11
1098.43

Gen Loss due to short supply of Gas (MUs)
78.43
1.15
254.83
42.15
209.97
586.53
26.35
1.09
58.46
0.00
0.00
85.90
3724.49
331.66
0.00
511.80
843.455
261.02
0.00
2877.00
1955.15
1973.70
6162.80
0.00
0.00
13229.67

Gen Loss due to short supply of Gas (MUs)
1743.10
252.96
1142.78
181.60
1164.32
0.00
272.30
0.00
629.12
1045.44
2018.73
682.45
-
-
-
-
255.96
0.00
0.00
9388.76
-
0.00
23461.89
33550.57