

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

Oct-21

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 / Auctioned Domestic Gas	Total	Long Term	SPOT			
(A) CENTRAL SECTOR																	
1	NTPC, FARIDABAD CCPP	431.59	HARYANA	P	12.06	1.46	0.35	1.81	0.20	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00
2	NTPC, ANTA CCPP	419.33	RAJASTHAN	P	42.20	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.35	0.03	0.38	0.00	0.00
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH	P	85.92	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.58	0.11	0.69	0.00	0.00
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH	P	170.92	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.79	0.30	1.09	0.00	0.00
	Sub Total (NR)	2344.06			311.10	7.33	1.75	9.08	2.00	0.00	0.00	0.00	1.72	0.48	2.20	0.00	0.00
5	NTPC, GANDHAR (JHANORE) CCPP	657.39	GUJARAT	P	106.20	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.31	0.51	0.82	0.00	0.00
6	NTPC, KAWAS CCPP	656.2	GUJARAT	P	111.14	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.32	0.51	0.83	0.00	0.00
7	RATNAGIRI (RGPPL-DHABHOL)	1967	MAHARASHTRA	P	273.72	0.90	7.60	8.50	1.75	0.30	0.00	0.30	1.30	0.08	1.68	0.00	0.00
	Sub Total (WR)	3280.59			491.06	7.10	10.31	17.41	1.75	0.30	0.00	0.30	1.93	1.10	3.33	0.00	0.00
8	KATHALGURI (NEEPCO)	291	ASSAM	I	141.50	1.40	0.00	1.40	0.00	1.35	0.00	1.35	0.00	0.00	1.35	0.00	0.00
9	AGARTALA GT+ST (NEEPCO)	135	TRIPURA	I	78.26	0.75	0.00	0.75	0.00	0.68	0.00	0.68	0.00	0.00	0.68	0.00	0.00
10	MONARCHAK (NEEPCO)	101	TRIPURA	I	62.83	0.50	0.00	0.50	0.00	0.45	0.00	0.45	0.00	0.00	0.45	0.00	0.00
11	TRIPURA CCPP (ONGC)	726.6	TRIPURA	I	419.22	2.65	0.00	2.65	0.00	2.64	0.00	2.64	0.00	0.00	2.64	0.00	0.00
	Sub Total (NER)	1253.60			701.81	5.30	0.00	5.30	0.00	5.12	0.00	5.12	0.00	0.00	5.12	0.00	0.00
	Total (CS)=A	6878.25			1503.97	19.73	12.06	31.79	3.75	5.42	0.00	5.42	3.65	1.58	10.65	0.00	0.00
(B) STATE SECTOR																	
12	I.P.CCPPP	270	DELHI	P	19.28	0.95	0.00	0.95	0.60	0.00	0.00	0.00	0.18	0.00	0.18	0.00	0.00
13	PRAGATI CCGT-III	1500	DELHI	P	410.50	1.56	0.93	2.49	0.00	1.49	0.00	1.49	0.28	0.77	2.53	0.00	0.00
14	PRAGATI CCPP	330.4	DELHI	P	120.22	2.05	0.00	2.05	0.20	0.00	0.00	0.00	0.60	0.22	0.82	0.00	0.00
15	DHOLPUR CCPP	330	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)	273.8	RAJASTHAN	I	137.98	1.65	0.00	1.65	0.00	1.57	0.00	1.57	0.00	0.00	1.57	0.00	0.00
	Sub Total (NR)	2704.2			687.98	7.71	1.03	8.74	0.80	3.06	0.00	3.06	1.06	0.99	5.10	0.00	0.00
17	DHUVRAN CCPP(GSECL)	594.72	GUJARAT	P	19.46	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.12	0.00	0.12	0.00	0.00
18	HAZIRA CCPP(GSEG)	156.1	GUJARAT	P	0.00	0.80	0.01	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	HAZIRA CCPP EXT	351	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
20	PIPAVAV CCPP	702	GUJARAT	P	16.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00
21	UTRAN CCPP(GSECL)	374	GUJARAT	P	9.12	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.83	0.00	0.83	0.00	0.00
22	URAN CCPP (MAHAGENCO)	672	MAHARASHTRA	P	157.41	3.50	1.40	4.90	0.00	1.53	0.00	1.53	0.00	0.00	1.53	0.00	0.00
	Sub Total (WR)	2849.82			202.06	4.55	3.30	7.85	0.49	1.53	0.00	1.53	0.95	0.09	2.57	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 / Auctioned Domestic Gas	Total	Long Term	SPOT			
23	GODAVARI (JEGURUPADU)	235.4	ANDHRA PRADESH	P	42.41	1.10	0.21	1.31	0.00	0.32	0.00	0.32	0.00	0.00	0.32	0.00	0.00
24	KARAIKAL CCPP (PPCL)	32.5	PUDUCHERRY	I	21.70	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	TAMIL NADU	I	9.46	0.45	0.00	0.45	0.00	0.16	0.00	0.16	0.00	0.00	0.16	0.00	0.00
26	KUTTALAM (TANGEDCO)	100	TAMIL NADU	I	26.72	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	186.2	TAMIL NADU	I	100.98	0.89	0.00	0.89	0.00	0.70	0.00	0.70	0.00	0.00	0.70	0.00	0.00
	Sub Total (SR)	661.1			201.27	3.09	0.21	3.30	0.00	1.65	0.00	1.65	0.00	0.00	1.65	0.00	0.00
28	LAKWA GT (ASEB,Maibella)	97.2	ASSAM	I	40.37	0.50	0.00	0.50	0.00	0.31	0.00	0.31	0.00	0.00	0.31	0.00	0.00
29	LAKWA Replacement CCPP	69.76	ASSAM	I	40.91	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)	162.4	ASSAM	I	83.32	0.66	0.00	0.66	0.00	0.66	0.00	0.66	0.00	0.00	0.66	0.00	0.00
31	BARAMURA GT (TSECL)	58.5	TRIPURA	I	23.74	0.40	0.00	0.40	0.00	0.32	0.00	0.32	0.00	0.00	0.32	0.00	0.00
32	ROKHIA GT (TSECL)	111	TRIPURA	I	27.87	0.50	0.00	0.50	0.00	0.38	0.00	0.38	0.00	0.00	0.38	0.00	0.00
	Sub Total (NER)	498.86			216.21	2.46	0.00	2.46	0.00	1.98	0.00	1.98	0.00	0.00	1.98	0.00	0.00
	Total (SS)=B	6713.98			1307.52	17.81	4.54	22.35	1.29	8.22	0.00	8.22	2.00	1.07	11.30	0.00	0.00
(C) PVT/IPP SECTOR																	
33	RITHALA CCPP (NDPL)	108	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	UTTARAKHAND	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
35	KASHIPUR CCPP(Sravanthi)	225	UTTARAKHAND	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 (NR)	558			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
36	BARODA CCPP (GIPCL)	160	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	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	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)	1147.5	GUJARAT	P	377.26	0.90	3.31	4.21	1.14	0.00	0.00	0.00	1.30	1.04	2.34	0.00	0.00
40	UNOSUGEN CCPP***	382.5	GUJARAT	P	175.78	0.00	0.00	0.00	0.00	0.00	0.27	0.27	0.00	0.76	1.03	0.00	0.00
41	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
42	TROMBAY CCPP (TPC)	180	MAHARASHTRA	P	105.93	1.50	0.00	1.50	1.00	0.63	0.00	0.63	0.00	0.13	0.76	0.00	0.00
43	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
	Sub Total (WR)	4413			658.97	2.89	5.87	8.76	2.44	0.63	0.27	0.90	1.30	1.94	4.14	0.00	0.00
44	GAUTAMI CCPP	464	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	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	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	ANDHRA PRADESH	P	30.97	1.04	0.00	1.04	0.00	0.23	0.00	0.23	0.00	0.00	0.23	0.00	0.00
48	JEGURUPADU CCPP (GVK) PHASE- II	220	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	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	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	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)	368.14	ANDHRA PRADESH	P	16.85	1.46	0.36	1.82	0.00	0.14	0.00	0.14	0.00	0.00	0.14	0.00	0.00
53	PEDDAPURAM (BSES)	220	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	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	ANDHRA PRADESH	P	58.03	1.32	0.00	1.32	0.00	0.49	0.00	0.49	0.00	0.00	0.49	0.00	0.00

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						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		TOTAL	Naptha	HSD
										APM /Non APM/PMT	KGD-6 / Auctioned Domestic Gas	Total	Long Term	SPOT			
56	PCIL POWER AND HOLDINGS Ltd*	30	ANDHRA PRADESH	P	-	0.00	0.12	0.12	0.00	-	-	-	-	-	-	-	-
57	RVK ENERGY*	28	ANDHRA PRADESH	P	-	0.00	0.11	0.11	0.00	-	-	-	-	-	-	-	-
58	SILK ROAD SUGAR*	35	ANDHRA PRADESH	P	-	0.00	0.10	0.10	0.00	-	-	-	-	-	-	-	-
59	LVS POWER*	55	ANDHRA PRADESH	P	-	0.00	0.22	0.22	0.00	-	-	-	-	-	-	-	-
60	KARUPPUR CCPP (LANCO TANJORE)	119.8	TAMIL NADU	I	24.11	0.50	0.00	0.50	0.00	0.20	0.00	0.20	0.00	0.00	0.20	0.00	0.00
61	P.NALLUR CCPP (PPN)	330.5	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	52.8	TAMIL NADU	I	0.00	0.38	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub Total (SR)	5314.24			129.96	11.98	9.50	21.48	0.00	1.05	0.00	1.05	0.00	0.00	1.05	0.00	0.00
63	DLF ASSAM GT*	24.5	ASSAM	I	-	0.10	0.00	0.10	0.00	-	-	-	-	-	-	-	-
	Sub Total (NER)	24.5			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			788.93	14.97	15.77	30.74	2.44	1.68	0.27	1.95	1.30	1.94	5.19	0.00	0.00
	GRAND TOTAL=A+B+C	23901.97			3600.42	52.51	32.37	84.89	7.48	15.32	0.27	15.59	6.96	4.59	27.14	0.00	0.00

Gas Consumed/Supplied v/s Gas Allotted Summary:

Category	Domestic Gas (MMSCMD)			RLNG (Imported)		TOTAL
	APM / Non - APM/ PMT	KGD-6/Auctioned Domestic Gas	Total	Long Term	SPOT	
Gas allotted	52.51	32.37	84.89	7.48	-	92.37
Gas Consumed/Supplied	15.32	0.27	15.59	6.96	4.59	27.14
% Gas Consumed/Supplied w.r.t Gas Allotted	29%	1%	18%	93%	-	29%

PLF(%)	
October,2021	20.2%
Cumulative (Apr'21-Oct'21)	20.1%

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.

***Unosugen CCPP won 8,250 MMBTU (approx. 0.21 MMSCMD at 9,880 GCV) quantum of gas from R-Cluster fields through online bidding process/auction conducted during October/November in 2019.