

केंद्रीय विद्युत प्राधिकरण / CENTRAL ELECTRICITY AUTHORITY

ईंधन प्रबंधन प्रभाग / FUEL MANAGEMENT DIVISION

गैस पर आधारित विद्युत संयंत्र में ईंधन के मासिक आपूर्ति / उपभोग की अख्यायें / MONTHLY REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS

Mar-23

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	0.00	1.46	0.35	1.81	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	NTPC, ANTA CCPP	419.33	RAJASTHAN	P	9.91	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.05	0.04	0.09	0.00	0.00	
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH	P	8.27	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.06	0.02	0.08	0.00	0.00	
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH	P	10.28	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.03	0.06	0.09	0.00	0.00	
	Sub Total (NR)	2344.06			28.46	7.33	1.75	9.08	2.00	0.00	0.00	0.00	0.14	0.12	0.26	0.00	0.00	
5	NTPC, GANDHAR (JHANORE) CCPP	657.39	GUJARAT	P	7.20	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.00	
6	NTPC, KAWAS CCPP	656.2	GUJARAT	P	12.05	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.00	
7	RATNAGIRI (RGPPL-DHABHOL)	1967.08	MAHARASHTRA	P	0.00	0.90	7.60	8.50	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Sub Total (WR)	3280.67			19.25	7.10	10.31	17.41	1.75	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.00	
8	KATHALGURI (NEEPCO)	291	ASSAM	I	152.18	1.40	0.00	1.40	0.00	1.45	0.00	1.45	0.00	0.00	1.45	0.00	0.00	
9	AGARTALA GT+ST (NEEPCO)	135	TRIPURA	I	66.91	0.75	0.00	0.75	0.00	0.65	0.00	0.65	0.00	0.00	0.65	0.00	0.00	
10	MONARCHAK (NEEPCO)	101	TRIPURA	I	68.26	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 CCPP (ONGC)	726.6	TRIPURA	I	460.64	2.65	0.00	2.65	0.00	2.85	0.00	2.85	0.00	0.00	2.85	0.00	0.00	
	Sub Total (NER)	1253.60			747.99	5.30	0.00	5.30	0.00	5.43	0.00	5.43	0.00	0.00	5.43	0.00	0.00	
	Total (CS)=A	6878.33			795.70	19.73	12.06	31.79	3.75	5.43	0.00	5.43	0.14	0.32	5.89	0.00	0.00	
(B) STATE SECTOR																		
12	I.P.CCPPP	270	DELHI	P	19.50	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	83.62	1.56	0.93	2.49	0.00	0.52	0.00	0.52	0.00	0.00	0.52	0.00	0.00	
14	PRAGATI CCPP	330.4	DELHI	P	0.00	2.05	0.00	2.05	0.20	0.00	0.00	0.00	0.00	0.00	0.00	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	91.63	1.65	0.00	1.65	0.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	
	Sub Total (NR)	2704.2			194.75	7.71	1.03	8.74	0.80	1.52	0.00	1.52	0.18	0.00	1.69	0.00	0.00	
17	DHUVARAN CCPP(GSECL)	594.72	GUJARAT	P	0.00	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.00	0.00	0.00	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	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	
21	UTRAN CCPP(GSECL)	374	GUJARAT	P	4.06	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	
22	URAN CCPP (MAHAGENCO)	672	MAHARASHTRA	P	110.51	3.50	1.40	4.90	0.00	1.04	0.00	1.04	0.00	0.00	1.04	0.00	0.00	
	Sub Total (WR)	2849.82			114.57	4.55	3.30	7.85	0.49	1.04	0.00	1.04	0.00	0.04	1.08	0.00	0.00	
23	GODAVARI (JEGURUPADU)	235.4	ANDHRA PRADESH	P	0.00	1.10	0.21	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	KARAIKAL CCPP (PPCL)	32.5	PUDUCHERRY	I	21.81	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	12.30	0.45	0.00	0.45	0.00	0.18	0.00	0.18	0.00	0.00	0.18	0.00	0.00	
26	KUTTALAM (TANGEDCO)	100	TAMIL NADU	I	54.96	0.45	0.00	0.45	0.00	0.35	0.00	0.35	0.00	0.00	0.35	0.00	0.00	
27	VALUTHUR CCPP	186.2	TAMIL NADU	I	104.97	0.89	0.00	0.89	0.00	0.76	0.00	0.76	0.00	0.00	0.76	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			
	Sub Total (SR)	661.1			194.04	3.09	0.21	3.30	0.00	1.46	0.00	1.46	0.00	0.00	1.46	0.00	0.00
28	LAKWA GT (ASEB,Maibella)	97.2	ASSAM	I	50.08	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	48.20	0.40	0.00	0.40	0.00	0.36	0.00	0.36	0.00	0.00	0.36	0.00	0.00
30	NAMRUP CCPP + ST (APGCL)	162.4	ASSAM	I	41.72	0.66	0.00	0.66	0.00	0.53	0.00	0.53	0.00	0.00	0.53	0.00	0.00
31	BARAMURA GT (TSECL)	42.0	TRIPURA	I	14.27	0.40	0.00	0.40	0.00	0.20	0.00	0.20	0.00	0.00	0.20	0.00	0.00
32	ROKHIA GT (TSECL)	95.0	TRIPURA	I	29.21	0.50	0.00	0.50	0.00	0.40	0.00	0.40	0.00	0.00	0.40	0.00	0.00
	Sub Total (NER)	466.36			183.48	2.46	0.00	2.46	0.00	1.86	0.00	1.86	0.00	0.00	1.86	0.00	0.00
	Total (SS)=B	6681.48			686.84	17.81	4.54	22.35	1.29	5.88	0.00	5.88	0.18	0.04	6.10	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	261.80	0.90	3.31	4.21	1.14	0.00	0.23	0.23	0.20	1.17	1.60	0.00	0.00
40	UNOSUGEN CCPP***	382.5	GUJARAT	P	16.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	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	82.28	1.50	0.00	1.50	1.00	0.61	0.00	0.61	0.00	0.00	0.61	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			361.02	2.89	5.87	8.76	2.44	0.61	0.23	0.84	0.20	1.29	2.33	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	0.00	1.04	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	1.46	0.36	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	1.32	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			
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			0.00	11.98	9.50	21.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total (PVT/ IPP S)=C	10285.24			361.02	14.87	15.77	30.64	2.44	0.61	0.23	0.84	0.20	1.29	2.33	0.00	0.00
	GRAND TOTAL=A+B+C	23845.05			1843.56	52.41	32.37	84.79	7.48	11.92	0.23	12.15	0.51	1.65	14.32	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	52.41	32.37	84.79	7.48	-	92.27
Gas Consumed/Supplied	11.92	0.23	12.15	0.51	1.65	14.32
% Gas Consumed/Supplied w.r.t Gas Allotted	23%	1%	14%	7%	-	16%

PLF(%)	
Mar-23	10.4%
Cumulative (Apr'22-Mar'23)	11.5%

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,

*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 geneation.

***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.