

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

May-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	10.77	1.46	0.35	1.81	0.20	0.00	0.00	0.00	0.09	0.00	0.09	0.00	0.00
2	NTPC, ANTA CCPP	419.33	RAJASTHAN	P	27.46	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.24	0.00	0.24	0.00	0.00
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH	P	39.97	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.34	0.00	0.34	0.00	0.00
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH	P	42.00	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.40	0.00	0.40	0.00	0.00
	Sub Total (NR)	2344.06			120.20	7.33	1.75	9.08	2.00	0.00	0.00	0.00	1.07	0.00	1.07	0.00	0.00
5	NTPC, GANDHAR (JHANORE) CCPP	657.39	GUJARAT	P	39.09	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.29	0.00	0.29	0.00	0.00
6	NTPC, KAWAS CCPP	656.2	GUJARAT	P	44.22	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.35	0.00	0.35	0.00	0.00
7	RATNAGIRI (RGPPL-DHABHOL)	1967.08	MAHARASHTRA	P	141.48	0.90	7.60	8.50	1.75	0.00	0.00	0.00	0.93	0.00	0.93	0.00	0.00
	Sub Total (WR)	3280.67			224.79	7.10	10.31	17.41	1.75	0.00	0.00	0.00	1.57	0.00	1.58	0.00	0.00
8	KATHALGURI (NEEPCO)	291	ASSAM	I	143.77	1.40	0.00	1.40	0.00	1.36	0.00	1.36	0.00	0.00	1.36	0.00	0.00
9	AGARTALA GT+ST (NEEPCO)	135	TRIPURA	I	66.72	0.75	0.00	0.75	0.00	0.64	0.00	0.64	0.00	0.00	0.64	0.00	0.00
10	MONARCHAK (NEEPCO)	101	TRIPURA	I	50.47	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)	726.6	TRIPURA	I	428.34	2.65	0.00	2.65	0.00	2.76	0.00	2.76	0.00	0.00	2.76	0.00	0.00
	Sub Total (NER)	1253.60			689.30	5.30	0.00	5.30	0.00	5.17	0.00	5.17	0.00	0.00	5.17	0.00	0.00
	Total (CS)=A	6878.33			1034.29	19.73	12.06	31.79	3.75	5.17	0.00	5.17	2.64	0.00	7.82	0.00	0.00
(B) STATE SECTOR																	
12	I.P.CCPPP	270	DELHI	P	27.73	0.95	0.00	0.95	0.60	0.00	0.00	0.00	0.24	0.00	0.24	0.00	0.00
13	PRAGATI CCGT-III	1500	DELHI	P	157.21	1.56	0.93	2.49	0.00	0.79	0.00	0.79	0.00	0.05	0.84	0.00	0.00
14	PRAGATI CCPP	330.4	DELHI	P	68.72	2.05	0.00	2.05	0.20	0.00	0.00	0.00	0.48	0.00	0.48	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	107.30	1.65	0.00	1.65	0.00	1.08	0.00	1.08	0.00	0.00	1.08	0.00	0.21
	Sub Total (NR)	2704.2			360.96	7.71	1.03	8.74	0.80	1.87	0.00	1.87	0.72	0.05	2.65	0.00	0.21
17	DHUVRAN CCPP(GSECL)	594.72	GUJARAT	P	18.37	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.00	0.15	0.15	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	30.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.27	0.00	0.00
21	UTRAN CCPP(GSECL)	374	GUJARAT	P	21.52	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.15	0.15	0.00	0.00
22	URAN CCPP (MAHAGENCO)	672	MAHARASHTRA	P	117.53	3.50	1.40	4.90	0.00	1.26	0.00	1.26	0.00	0.00	1.26	0.00	0.00
	Sub Total (WR)	2849.82			187.63	4.55	3.30	7.85	0.49	1.26	0.00	1.26	0.00	0.56	1.82	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	21.70	0.20	0.00	0.20	0.00	0.16	0.00	0.16	0.00	0.00	0.16	0.00	0.00
25	KOVIKALPAL (THIRUMAKOTTAI)	107	TAMIL NADU	I	9.48	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	56.59	0.45	0.00	0.45	0.00	0.36	0.00	0.36	0.00	0.00	0.36	0.00	0.00
27	VALUTHUR CCPP	186.2	TAMIL NADU	I	97.87	0.89	0.00	0.89	0.00	0.77	0.00	0.77	0.00	0.00	0.77	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			185.64	3.09	0.21	3.30	0.00	1.45	0.00	1.45	0.00	0.00	1.45	0.00	0.00
28	LAKWA GT (ASEB,Maibella)	97.2	ASSAM	I	41.33	0.50	0.00	0.50	0.00	0.29	0.00	0.29	0.00	0.00	0.29	0.00	0.00
29	LAKWA Replacement CCPP	69.76	ASSAM	I	43.41	0.40	0.00	0.40	0.00	0.32	0.00	0.32	0.00	0.00	0.32	0.00	0.00
30	NAMRUP CCPP + ST (APGCL)	162.4	ASSAM	I	56.42	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)	42.0	TRIPURA	I	15.25	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	28.01	0.50	0.00	0.50	0.00	0.39	0.00	0.39	0.00	0.00	0.39	0.00	0.00
	Sub Total (NER)	466.36			184.42	2.46	0.00	2.46	0.00	1.85	0.00	1.85	0.00	0.00	1.85	0.00	0.00
	Total (SS)=B	6681.48			918.65	17.81	4.54	22.35	1.29	6.44	0.00	6.44	0.72	0.61	7.77	0.00	0.21
(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	48.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.32	0.00	0.00
35	KASHIPUR CCPP(Sravanthi)	225	UTTARAKHAND	P	52.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.58	0.00	0.00
	Sub Total (NR)	558			100.96	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.89	0.89	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	398.47	0.90	3.31	4.21	1.14	0.00	0.00	0.00	0.57	1.85	2.42	0.00	0.00
40	UNOSUGEN CCPP***	382.5	GUJARAT	P	179.52	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.91	1.10	0.00	0.00
41	DGEN Mega CCPP	1200	GUJARAT	P	117.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.00
42	TROMBAY CCPP (TPC)	180	MAHARASHTRA	P	69.24	1.50	0.00	1.50	1.00	0.52	0.00	0.52	0.00	0.00	0.52	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			765.00	2.89	5.87	8.76	2.44	0.52	0.19	0.71	0.57	3.44	4.72	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			865.96	14.87	15.77	30.64	2.44	0.52	0.19	0.71	0.57	4.34	5.61	0.00	0.00
	GRAND TOTAL=A+B+C	23845.05			2818.90	52.41	32.37	84.79	7.48	12.12	0.19	12.31	3.94	4.95	21.20	0.00	0.21

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	12.12	0.19	12.31	3.94	4.95	21.20
% Gas Consumed/Supplied w.r.t Gas Allotted	23%	1%	15%	53%	-	23%

PLF(%)	
May-23	15.9%
Cumulative (Apr'23-May'23)	15.1%

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.