

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-24

[illegible]

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	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	Total			
25	SUGEN CCPP	1147.5	GUJARAT	532.09	0.90	3.31	4.21	1.14	0.00	0.00	0.00	0.36	2.77	3.13	3.13	0.00	0.00
26	UNOSUGEN CCPP	382.5	GUJARAT	186.04	0.00	0.00	0.00	0.00	0.00	0.24	0.24	0.00	0.83	0.83	1.07	0.00	0.00
27	DGEN MEGA CCPP	1200	GUJARAT	432.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	2.65	2.65	0.00	0.00
28	TROMBAY CCPP	180	MAHARASHTRA	120.36	1.50	0.00	1.50	1.00	0.83	0.00	0.83	0.00	0.00	0.00	0.83	0.00	0.00
29	MANGAON CCPP	388	MAHARASHTRA	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
30	GAUTAMI CCPP	464	ANDHRA PRADESH	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	0.00
31	GREL CCPP (Rajahmundry)	768	ANDHRA PRADESH	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
32	GODAVARI CCPP	208	ANDHRA PRADESH	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	0.00
33	JEGURUPADU CCPP PH II	220	ANDHRA PRADESH	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	0.00
34	KONASEEMA CCPP	445	ANDHRA PRADESH	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	0.00
35	KONDAPALLI EXTN CCPP	366	ANDHRA PRADESH	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	0.00
36	KONDAPALLI ST-3 CCPP	742	ANDHRA PRADESH	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	KONDAPALLI CCPP	368.14	ANDHRA PRADESH	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	0.00
38	PEDDAPURAM CCPP	220	ANDHRA PRADESH	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	0.00
39	VEMAGIRI CCPP	370	ANDHRA PRADESH	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	0.00
40	VIJESWARAM CCPP	272	ANDHRA PRADESH	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	0.00
	Sub Total	9628.14		1481.41	12.49	14.34	26.83	2.44	0.83	0.24	1.07	0.36	7.98	8.34	9.40	0.00	0.00
I	Pipeline Total (A+B+C)	20768.49		4122.98	38.63	30.94	69.57	7.48	4.25	0.24	4.49	9.22	15.15	24.36	28.86	0.00	0.00
Plants Connected with Isolated fields																	
A	Central Sector																
1	KATHALGURI CCPP	291	ASSAM	140.88	1.40	0.00	1.40	0.00	1.33	0.00	1.33	0.00	0.00	0.00	1.33	0.00	0.00
2	AGARTALA GT	135	TRIPURA	43.45	0.75	0.00	0.75	0.00	0.39	0.00	0.39	0.00	0.00	0.00	0.39	0.00	0.00
3	MONARCHAK CCPP	101	TRIPURA	46.84	0.50	0.00	0.50	0.00	0.36	0.00	0.36	0.00	0.00	0.00	0.36	0.00	0.00
4	TRIPURA CCPP	726.6	TRIPURA	319.66	2.65	0.00	2.65	0.00	2.16	0.00	2.16	0.00	0.00	0.00	2.16	0.00	0.00
	Sub Total	1253.6		550.83	5.30	0.00	5.30	0.00	4.25	0.00	4.25	0.00	0.00	0.00	4.25	0.00	0.00
B	State Sector																
5	RAMGARH CCPP	273.8	RAJASTHAN	23.58	1.65	0.00	1.65	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.37	0.00	0.21
6	KARAIKAL CCPP	32.5	PUDUCHERRY	17.97	0.20	0.00	0.20	0.00	0.15	0.00	0.15	0.00	0.00	0.00	0.15	0.00	0.00
7	KOVIKALPAL CCPP	107	TAMIL NADU	0.00	0.45	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	KUTTALAM CCPP	100	TAMIL NADU	62.47	0.45	0.00	0.45	0.00	0.40	0.00	0.40	0.00	0.00	0.00	0.40	0.00	0.00
9	VALUTHUR CCPP	186.2	TAMIL NADU	87.20	0.89	0.00	0.89	0.00	0.62	0.00	0.62	0.00	0.00	0.00	0.62	0.00	0.00

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	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	Total			
10	LAKWA GT	97.2	ASSAM	40.60	0.50	0.00	0.50	0.00	0.39	0.00	0.39	0.00	0.00	0.00	0.39	0.00	0.00
11	LAKWA REPLACEMENT	69.8	ASSAM	36.31	0.40	0.00	0.40	0.00	0.27	0.00	0.27	0.00	0.00	0.00	0.27	0.00	0.00
12	NAMRUP CCPP	139.4	ASSAM	83.90	0.66	0.00	0.66	0.00	0.66	0.00	0.66	0.00	0.00	0.00	0.66	0.00	0.00
13	BARAMURA GT	42.0	TRIPURA	2.52	0.40	0.00	0.40	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.00
14	ROKHIA GT	63.0	TRIPURA	25.05	0.50	0.00	0.50	0.00	0.36	0.00	0.36	0.00	0.00	0.00	0.36	0.00	0.00
	Sub Total	1110.86		379.60	6.10	0.00	6.10	0.00	3.24	0.00	3.24	0.00	0.00	0.00	3.24	0.00	0.21
C	Private Sector																
15	KARUPPUR CCPP	119.8	TAMIL NADU	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	0.00
16	P.NALLUR CCPP	330.5	TAMIL NADU	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	0.00
17	VALANTARVY CCPP	52.8	TAMIL NADU	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	0.00
	Sub Total	503.1		0.00	2.38	0.00	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
II	Total Isolated (A+B+C)	2867.6		930.4	13.8	0.0	13.8	0.0	7.5	0.0	7.5	0.0	0.0	0.0	7.5	0.00	0.21
	GRAND TOTAL=I+II	23636.05		5053.41	52.41	30.94	83.35	7.48	11.74	0.24	11.99	9.22	15.15	24.36	36.35	0.00	0.21

Gas Consumed/Supplied v/s Gas Allotted Summary:

Gas based capacity	Installed Capacity (MW)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported)- Long Term Contracts	Gas Consumed/Supplied (MMSCMD)						PLF (May-24)	Cumulative PLF (Apr'24 - May'24)	
		APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)					TOTAL
						APM /Non APM/PMT	KGD-6 / Auctioned Domestic Gas	Total	Long Term	SPOT	Total			
Plants connected with gas grid	20768.49	38.634	30.94	69.574	7.480	4.25	0.24	4.49	9.22	15.15	24.36	28.86	26.7%	22.7%
Plants Connected with Isolated fields	2867.6	13.8	0.0	13.8	0.0	7.5	0.0	7.5	0.0	0.0	0.0	7.5	43.6%	44.0%
Total	23636.05	52.41	30.94	83.35	7.48	11.74	0.24	11.99	9.22	15.15	24.36	36.35	28.7%	25.2%

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 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.