

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

Feb-25

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			
Plants connected with gas grid																	
A	Central Sector																
1	FARIDABAD CCPP	431.59	HARYANA	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	ANTA CCPP	419.33	RAJASTHAN	5.54	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.04	0.04	0.08	0.08	0.00	0.00
3	AURAIYA CCPP	663.36	UTTAR PRADESH	7.82	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.06	0.05	0.11	0.11	0.00	0.00
4	DADRI CCPP	829.78	UTTAR PRADESH	9.86	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.08	0.06	0.14	0.14	0.00	0.00
5	GANDHAR CCPP	657.39	GUJARAT	10.37	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.11	0.02	0.13	0.13	0.00	0.00
6	KAWAS CCPP	656.2	GUJARAT	10.57	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.12	0.02	0.14	0.14	0.00	0.00
7	RATNAGIRI CCPP	1967.08	MAHARASHTRA	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	0.00
	Sub Total	5624.73		44.16	14.43	12.06	26.49	3.75	0.00	0.00	0.00	0.41	0.19	0.60	0.60	0.00	0.00
B	State Sector																
8	I.P.CCPP	270	DELHI	21.41	0.95	0.00	0.95	0.60	0.00	0.00	0.00	0.20	0.00	0.20	0.20	0.00	0.00
9	PRAGATI CCGT-III	1500	DELHI	186.84	1.56	0.93	2.49	0.00	1.28	0.00	1.28	0.00	0.00	0.00	1.28	0.00	0.00
10	PRAGATI CCPP	330.4	DELHI	26.58	2.05	0.00	2.05	0.20	0.00	0.00	0.00	0.23	0.00	0.23	0.23	0.00	0.00
11	DHOLPUR CCPP	330	RAJASTHAN	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	0.00
12	DHUVRAN CCPP	594.72	GUJARAT	10.94	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.00	0.11	0.11	0.11	0.00	0.00
13	HAZIRA CCPP	156.1	GUJARAT	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	0.00
14	HAZIRA CCPP EXT	351	GUJARAT	0.53	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
15	PIPAVAV CCPP	702	GUJARAT	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
16	UTRAN CCPP	374	GUJARAT	5.36	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.00	0.00
17	URAN CCPP	672	MAHARASHTRA	188.98	3.50	1.40	4.90	0.00	1.64	0.00	1.64	0.00	0.00	0.00	1.64	0.00	0.00
18	JEGURUPADU CCPP PH	235.4	ANDHRA PRADESH	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	0.00
19	YELAHANKA CCPP	370.05	KARNATAKA	108.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.70	0.70	0.00	0.00
	Sub total	5885.67		549.32	11.71	4.54	16.25	1.29	2.92	0.00	2.92	0.43	0.85	1.28	4.19	0.00	0.00
C	Private Sector																
20	RITHALA CCPP	108	DELHI	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	0.00
21	GAMA CCPP	225	UTTARAKHAND	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
22	SRAVANTHI CCPP	439	UTTARAKHAND	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
23	BARODA CCPP	160	GUJARAT	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	0.00
24	ESSAR CCPP	300	GUJARAT	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	0.00
25	PEGUTHAN CCPP	655	GUJARAT	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	0.00
26	SUGEN CCPP	1147.5	GUJARAT	135.85	0.90	3.31	4.21	1.14	0.00	0.00	0.00	0.20	0.75	0.95	0.95	0.00	0.00
27	UNOSUGEN CCPP	382.5	GUJARAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
28	DGEN MEGA CCPP	1200	GUJARAT	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
29	TROMBAY CCPP	180	MAHARASHTRA	86.04	1.50	0.00	1.50	1.00	0.65	0.00	0.65	0.00	0.00	0.00	0.65	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			
30	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
31	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
32	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
33	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
34	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
35	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
36	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
37	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
38	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
39	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
40	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
41	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		221.89	12.49	14.34	26.83	2.44	0.65	0.00	0.65	0.20	0.82	0.95	1.60	0.00	0.00
I	Pipeline Total (A+B+C)	21138.54		815.37	38.63	30.94	69.57	7.48	3.57	0.00	3.57	1.04	1.86	2.83	6.39	0.00	0.00
Plants Connected with Isolated fields																	
A	Central Sector																
1	KATHALGURI CCPP	291	ASSAM	131.42	1.40	0.00	1.40	0.00	1.45	0.00	1.45	0.00	0.00	0.00	1.45	0.00	0.00
2	AGARTALA GT	135	TRIPURA	35.20	0.75	0.00	0.75	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.37	0.00	0.00
3	MONARCHAK CCPP	101	TRIPURA	49.81	0.50	0.00	0.50	0.00	0.30	0.00	0.30	0.00	0.00	0.00	0.30	0.00	0.00
4	TRIPURA CCPP	726.6	TRIPURA	310.75	2.65	0.00	2.65	0.00	2.27	0.00	2.27	0.00	0.00	0.00	2.27	0.00	0.00
	Sub Total	1253.6		527.18	5.30	0.00	5.30	0.00	4.40	0.00	4.40	0.00	0.00	0.00	4.40	0.00	0.00
B	State Sector																
5	RAMGARH CCPP	273.8	RAJASTHAN	46.90	1.65	0.00	1.65	0.00	0.83	0.00	0.83	0.00	0.00	0.00	0.83	0.00	0.00
6	KARAIKAL CCPP	32.5	PUDUCHERRY	15.03	0.20	0.00	0.20	0.00	0.14	0.00	0.14	0.00	0.00	0.00	0.14	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	45.12	0.45	0.00	0.45	0.00	0.34	0.00	0.34	0.00	0.00	0.00	0.34	0.00	0.00
9	VALUTHUR CCPP	186.2	TAMIL NADU	63.20	0.89	0.00	0.89	0.00	0.54	0.00	0.54	0.00	0.00	0.00	0.54	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	32.23	0.50	0.00	0.50	0.00	0.34	0.00	0.34	0.00	0.00	0.00	0.34	0.00	0.00
11	LAKWA REPLACEMENT	69.8	ASSAM	39.06	0.40	0.00	0.40	0.00	0.32	0.00	0.32	0.00	0.00	0.00	0.32	0.00	0.00
12	NAMRUP CCPP	139.4	ASSAM	62.98	0.66	0.00	0.66	0.00	0.55	0.00	0.55	0.00	0.00	0.00	0.55	0.00	0.00
13	BARAMURA GT	42.0	TRIPURA	0.00	0.40	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	ROKHIA GT	63.0	TRIPURA	11.98	0.50	0.00	0.50	0.00	0.19	0.00	0.19	0.00	0.00	0.00	0.19	0.00	0.00
	Sub Total	1110.86		316.50	6.10	0.00	6.10	0.00	3.26	0.00	3.26	0.00	0.00	0.00	3.26	0.00	0.00
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		843.7	13.8	0.0	13.8	0.0	7.7	0.0	7.7	0.0	0.0	0.0	7.7	0.0	0.00
	GRAND TOTAL=I+II	24006.10		1659.05	52.41	30.94	83.35	7.48	11.22	0.00	11.22	1.04	1.86	2.83	14.05	0.00	0.00

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 Feb/25	Cumulative PLF (Apr/24 - Feb/25)
		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	21138.54	38.634	30.94	69.574	7.480	3.57	0.00	3.569	1.04	1.86	2.825	6.39	5.7%	
Plants Connected with Isolated fields	2867.6	13.8	0.0	13.8	0.0	7.7	0.0	7.7	0.0	0.0	0.0	7.7	43.8%	
Total	24006.10	52.41	30.94	83.35	7.48	11.22	0.00	11.22	1.04	1.86	2.83	14.05	10.3%	

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 geneartion.

***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.