

केन्द्रीय 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

Jun-24

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 CCGP	431.59	HARYANA	111.32	1.46	0.35	1.81	0.20	0.00	0.00	0.00	0.59	0.24	0.83	0.83	0.00	0.00
2	ANTA CCGP	419.33	RAJASTHAN	106.80	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.26	0.64	0.90	0.90	0.00	0.00
3	AURAIYA CCGP	663.36	UTTAR PRADESH	127.22	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.77	0.35	1.12	1.12	0.00	0.00
4	DADRI CCGP	829.78	UTTAR PRADESH	153.27	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.90	0.30	1.20	1.20	0.00	0.00
5	GANDHAR CCGP	657.39	GUJARAT	124.98	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.79	0.22	1.01	1.01	0.00	0.00
6	KAWAS CCGP	656.2	GUJARAT	108.65	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.71	0.21	0.92	0.92	0.00	0.00
7	RATNAGIRI CCGP	1967.08	MAHARASHTRA	201.73	0.90	7.60	8.50	1.75	0.00	0.00	0.00	1.38	0.00	1.38	1.38	0.00	0.00
	Sub Total	5624.73		933.97	14.43	12.06	26.49	3.75	0.00	0.00	0.00	5.40	1.96	7.36	7.36	0.00	0.00
B	State Sector																
8	I.P.CCPP	270	DELHI	33.85	0.95	0.00	0.95	0.60	0.00	0.00	0.00	0.31	0.00	0.31	0.31	0.00	0.00
9	PRAGATI CCGT-III	1500	DELHI	517.46	1.56	0.93	2.49	0.00	1.54	0.00	1.54	0.00	1.80	1.80	3.34	0.00	0.00
10	PRAGATI CCGP	330.4	DELHI	206.28	2.05	0.00	2.05	0.20	0.00	0.00	0.00	1.42	0.00	1.42	1.42	0.00	0.00
11	DHOLPUR CCGP	330	RAJASTHAN	4.22	1.50	0.10	1.60	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.00	0.00
12	DHUVARAN CCGP	594.72	GUJARAT	114.88	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.00	0.82	0.82	0.82	0.00	0.00
13	HAZIRA CCGP	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 CCGP EXT	351	GUJARAT	57.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.36	0.38	0.38	0.00	0.00
15	PIPAVAV CCGP	702	GUJARAT	163.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	1.12	1.12	0.00	0.00
16	UTRAN CCGP	374	GUJARAT	85.85	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.56	0.56	0.56	0.00	0.00
17	URAN CCGP	672	MAHARASHTRA	200.69	3.50	1.40	4.90	0.00	1.63	0.00	1.63	0.00	0.00	0.00	1.63	0.00	0.00
18	JEGURUPADU CCGP PH	235.4	ANDHRA PRADESH	0.30	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
	Sub total	5515.62		1384.09	11.71	4.54	16.25	1.29	3.17	0.00	3.17	1.75	4.76	6.50	9.68	0.00	0.00
C	Private Sector																
19	RITHALA CCGP	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
20	GAMA CCGP	225	UTTARAKHAND	61.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.43	0.43	0.00	0.00
21	SRAVANTHI CCGP	439	UTTARAKHAND	154.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	0.00	0.00
22	BARODA CCGP	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
23	ESSAR CCGP	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
24	PEGUTHAN CCGP	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

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	473.35	0.90	3.31	4.21	1.14	0.00	0.00	0.00	0.91	2.03	2.94	2.94	0.00	0.00
26	UNOSUGEN CCPP	382.5	GUJARAT	147.63	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.71	0.71	0.91	0.00	0.00
27	DGEN MEGA CCPP	1200	GUJARAT	402.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43	2.43	2.43	0.00	0.00
28	TROMBAY CCPP	180	MAHARASHTRA	128.92	1.50	0.00	1.50	1.00	0.86	0.00	0.86	0.00	0.00	0.00	0.86	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	31.47	0.00	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.23	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		1399.48	12.49	14.34	26.83	2.44	0.86	0.20	1.06	0.91	6.90	7.81	8.87	0.00	0.00
I	Pipeline Total (A+B+C)	20768.49		3717.54	38.63	30.94	69.57	7.48	4.03	0.20	4.23	8.06	13.62	21.68	25.91	0.00	0.00
Plants Connected with Isolated fields																	
A	Central Sector																
1	KATHALGURI CCPP	291	ASSAM	132.15	1.40	0.00	1.40	0.00	1.32	0.00	1.32	0.00	0.00	0.00	1.32	0.00	0.00
2	AGARTALA GT	135	TRIPURA	49.01	0.75	0.00	0.75	0.00	0.47	0.00	0.47	0.00	0.00	0.00	0.47	0.00	0.00
3	MONARCHAK CCPP	101	TRIPURA	42.88	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
4	TRIPURA CCPP	726.6	TRIPURA	293.58	2.65	0.00	2.65	0.00	2.10	0.00	2.10	0.00	0.00	0.00	2.10	0.00	0.00
	Sub Total	1253.6		517.62	5.30	0.00	5.30	0.00	4.23	0.00	4.23	0.00	0.00	0.00	4.23	0.00	0.00
B	State Sector																
5	RAMGARH CCPP	273.8	RAJASTHAN	25.23	1.65	0.00	1.65	0.00	0.42	0.00	0.42	0.00	0.00	0.00	0.42	0.00	0.21
6	KARAIKAL CCPP	32.5	PUDUCHERRY	17.70	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	56.09	0.45	0.00	0.45	0.00	0.38	0.00	0.38	0.00	0.00	0.00	0.38	0.00	0.00
9	VALUTHUR CCPP	186.2	TAMIL NADU	92.79	0.89	0.00	0.89	0.00	0.68	0.00	0.68	0.00	0.00	0.00	0.68	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	Total			
10	LAKWA GT	97.2	ASSAM	38.13	0.50	0.00	0.50	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.37	0.00	0.00
11	LAKWA REPLACEMENT	69.8	ASSAM	39.17	0.40	0.00	0.40	0.00	0.30	0.00	0.30	0.00	0.00	0.00	0.30	0.00	0.00
12	NAMRUP CCPP	139.4	ASSAM	80.55	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	0.53	0.40	0.00	0.40	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00
14	ROKHIA GT	63.0	TRIPURA	18.39	0.50	0.00	0.50	0.00	0.27	0.00	0.27	0.00	0.00	0.00	0.27	0.00	0.00
	Sub Total	1110.86		368.58	6.10	0.00	6.10	0.00	3.25	0.00	3.25	0.00	0.00	0.00	3.25	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		886.2	13.8	0.0	13.8	0.0	7.5	0.0	7.5	0.0	0.0	0.0	7.5	0.0	0.21
	GRAND TOTAL=I+II	23636.05		4603.74	52.41	30.94	83.35	7.48	11.51	0.20	11.71	8.06	13.62	21.68	33.39	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 (Jun-24)	Cumulative PLF (Apr'24 - Jun'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	4.03	0.20	4.231	8.06	13.62	21.678	25.91	24.9%	23.4%
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	42.9%	43.6%
Total	23636.05	52.41	30.94	83.35	7.48	11.51	0.20	11.71	8.06	13.62	21.68	33.39	27.1%	25.8%

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.