

**CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
CUMULATIVE REPORT ON FUEL SUPPLY/CONSUMPTION FOR GAS BASED POWER STATIONS FOR THE YEAR 2023-24**

2023-24 (Upto March 2024)

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P / I	Tentative Generation during the months (MUs)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported) - Long Term Contracts	Gas Consumed/Supplied (MMSCMD)							Alternate fuel used(KL)		PLF(%)
						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		Total	TOTAL	Naptha	HSD	
										APM /Non APM/PMT	KGD-6/ Auctioned domestic gas	Total	Long Term	SPOT					
(A) CENTRAL SECTOR																			
1	FARIDABAD CCPP	431.59	HARYANA	P	136.99	1.46	0.35	1.81	0.20	0.00	0.00	0.00	0.08	0.02	0.09	0.09	0.00	0.00	3.6%
2	ANTA CCPP	419.33	RAJASTHAN	P	353.48	1.31	0.24	1.55	0.50	0.00	0.00	0.00	0.16	0.12	0.28	0.28	0.00	0.00	9.6%
3	AURAIYA CCPP	663.36	UTTAR PRADESH	P	712.11	2.17	0.30	2.47	1.00	0.00	0.00	0.00	0.40	0.14	0.54	0.54	0.00	0.00	12.2%
4	DADRI CCPP	829.78	UTTAR PRADESH	P	892.42	2.39	0.86	3.25	0.30	0.00	0.00	0.00	0.47	0.16	0.63	0.63	0.00	0.00	12.2%
5	GANDHAR CCPP	657.39	GUJARAT	P	590.15	2.56	0.63	3.19	0.00	0.00	0.00	0.00	0.20	0.26	0.46	0.46	0.00	0.00	10.2%
6	KAWAS CCPP	656.2	GUJARAT	P	630.10	3.64	2.08	5.72	0.00	0.00	0.00	0.00	0.19	0.28	0.46	0.46	0.00	0.00	10.9%
7	RATNAGIRI CCPP	1967.08	MAHARASHTRA	P	1248.17	0.90	7.60	8.50	1.75	0.00	0.00	0.00	0.47	0.20	0.67	0.67	0.00	0.00	7.2%
8	KATHALGURI CCPP	291	ASSAM	I	1698.13	1.40	0.00	1.40	0.00	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	66.4%
9	AGARTALA GT	135	TRIPURA	I	641.45	0.75	0.00	0.75	0.00	0.51	0.00	0.51	0.00	0.00	0.00	0.51	0.00	0.00	54.1%
10	MONARCHAK CCPP	101	TRIPURA	I	661.08	0.50	0.00	0.50	0.00	0.41	0.00	0.41	0.00	0.00	0.00	0.41	0.00	0.00	74.5%
11	TRIPURA CCPP	726.6	TRIPURA	I	4563.64	2.65	0.00	2.65	0.00	2.48	0.00	2.48	0.00	0.00	0.00	2.48	0.00	0.00	71.5%
	Total (CS)=A	6878.33			12127.72	19.73	12.06	31.79	3.75	4.75	0.00	4.75	1.95	1.18	3.13	7.88	0.00	0.00	20.1%
(B) STATE SECTOR																			
12	I.P.CCPP	270	DELHI	P	266.65	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	11.2%
13	PRAGATI CCGT-III	1500	DELHI	P	2691.20	1.56	0.93	2.49	0.00	1.17	0.00	1.17	0.04	0.16	0.20	1.37	0.00	0.00	20.4%
14	PRAGATI CCPP	330.4	DELHI	P	844.42	2.05	0.00	2.05	0.20	0.00	0.00	0.00	0.49	0.00	0.49	0.49	0.00	0.00	29.1%
15	DHOLPUR CCPP	330	RAJASTHAN	P	25.01	1.50	0.10	1.60	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.9%
16	RAMGARH CCPP	273.8	RAJASTHAN	I	830.58	1.65	0.00	1.65	0.00	0.83	0.00	0.83	0.00	0.00	0.00	0.83	0.00	0.21	34.5%
17	DHUVARAN CCPP	594.72	GUJARAT	P	288.81	0.25	0.44	0.69	0.25	0.00	0.00	0.00	0.00	0.19	0.19	0.19	0.00	0.00	5.5%
18	HAZIRA CCPP	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	0.00	0.0%
19	HAZIRA CCPP EXT	351	GUJARAT	P	30.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.00	1.0%
20	PIPAVAV CCPP	702	GUJARAT	P	246.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.18	0.18	0.00	0.00	4.0%
21	UTRAN CCPP	374	GUJARAT	P	270.30	0.00	1.45	1.45	0.24	0.00	0.00	0.00	0.00	0.15	0.15	0.15	0.00	0.00	8.2%
22	URAN CCPP	672	MAHARASHTRA	P	1691.57	3.50	1.40	4.90	0.00	1.18	0.00	1.18	0.00	0.00	0.00	1.18	0.00	0.00	28.7%
23	JEGURUPADU CCPP PH	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	0.00	0.0%
24	KARAIKAL CCPP	32.5	PUDUCHERRY	I	243.08	0.20	0.00	0.20	0.00	0.16	0.00	0.16	0.00	0.00	0.00	0.16	0.00	0.00	85.1%
25	KOVIKALPAL CCPP	107	TAMIL NADU	I	47.32	0.45	0.00	0.45	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.06	0.00	0.00	5.0%
26	KUTTALAM CCPP	100	TAMIL NADU	I	698.02	0.45	0.00	0.45	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.37	0.00	0.00	79.5%
27	VALUTHUR CCPP	186.2	TAMIL NADU	I	1117.36	0.89	0.00	0.89	0.00	0.70	0.00	0.70	0.00	0.00	0.00	0.70	0.00	0.00	68.3%
28	LAKWA GT	97.2	ASSAM	I	368.55	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	43.2%
29	LAKWA REPLACEMENT	69.76	ASSAM	I	480.87	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	78.5%
30	NAMRUP CCPP	139.4	ASSAM	I	837.36	0.66	0.00	0.66	0.00	0.62	0.00	0.62	0.00	0.00	0.00	0.62	0.00	0.00	68.4%
31	BARAMURA GT	42.0	TRIPURA	I	159.08	0.40	0.00	0.40	0.00	0.18	0.00	0.18	0.00	0.00	0.00	0.18	0.00	0.00	43.1%
32	ROKHIA GT	63.0	TRIPURA	I	320.29	0.50	0.00	0.50	0.00	0.38	0.00	0.38	0.00	0.00	0.00	0.38	0.00	0.00	57.9%
	Total (SS)=B	6626.48			11457.25	17.81	4.54	22.35	1.29	6.21	0.00	6.21	0.74	0.71	1.45	7.66	0.00	0.21	19.7%
(C) PVT/IPP SECTOR																			
33	RITHALA CCPP	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	0.00	0.0%
34	GAMA CCPP	225	UTTARAKHAND	P	258.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.15	0.00	0.00	13.1%
35	SRAVANTHI CCPP	439	UTTARAKHAND	P	431.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.28	0.28	0.00	0.00	11.2%
36	BARODA CCPP	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	0.00	0.0%
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	0.00	0.0%
38	PEGUTHAN CCPP	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	0.00	0.0%
39	SUGEN CCPP	1147.5	GUJARAT	P	3690.83	0.90	3.31	4.21	1.14	0.00	0.07	0.07	0.75	1.06	1.81	1.88	0.00	0.00	36.6%
40	UNOSUGEN CCPP	382.5	GUJARAT	P	1326.31	0.00	0.00	0.00	0.00	0.00	0.24	0.24	0.00	0.43	0.43	0.67	0.00	0.00	39.5%

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State	P/ I	Tentative Generation during the months (MUs)	Domestic Gas Allotted (MMSCMD)			RLNG (Imported)- Long Term Contracts	Gas Consumed/Supplied (MMSCMD)							Alternate fuel used(KL)		PLF(%)
						APM /Non-APM/PMT	KGD-6 (Firm)	Total		Domestic			RLNG (Imported)		Total	TOTAL	Naptha	HSD	
										APM /Non APM/PMT	KGD-6/ Auctioned domestic gas	Total	Long Term	SPOT					
41	DGEN MEGA CCPP	1200	GUJARAT	P	966.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.49	0.51	0.51	0.00	0.00	9.2%
42	TROMBAY CCPP	180	MAHARASHTRA	P	938.58	1.50	0.00	1.50	1.00	0.59	0.00	0.59	0.00	0.03	0.03	0.62	0.00	0.00	59.4%
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	0.00	0.0%
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	0.00	0.0%
45	GMR Energy Ltd - Kakinada	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	0.00	0.0%
46	GREL CCPP (Rajahmundry)	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	0.00	0.0%
47	GODAVARI CCPP	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	0.00	0.0%
48	JEGURUPADU CCPP PH 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	0.00	0.0%
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	0.00	0.0%
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	0.00	0.0%
51	KONDAPALLI ST-3 CCPP	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	0.00	0.0%
52	KONDAPALLI CCPP	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	0.00	0.0%
53	PEDDAPURAM CCPP	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	0.00	0.0%
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	0.00	0.0%
55	VIJESWARAM 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	0.00	0.0%
56	KARUPPUR CCPP	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	0.00	0.0%
57	P.NALLUR CCPP	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	0.00	0.0%
58	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	0.00	0.0%
	Total (PVT/ IPP S)=C	10351.24			7612.54	14.87	15.22	30.09	2.44	0.59	0.32	0.91	0.77	2.44	3.20	4.11	0.00	0.00	8.4%
	GRAND TOTAL=A+B+C	23856.05			31197.51	52.41	31.82	84.23	7.48	11.56	0.32	11.87	3.46	4.32	7.77	19.65	0.00	0.21	14.9%

Gas Consumed/Supplied v/s Gas Allotted Summary:

Category	Domestic Gas (MMSCMD)			RLNG (Imported)		TOTAL
	APM / Non - APM/ PMT	KGD-6	Total	Long Term	SPOT	
Gas allotted	52.41	31.82	84.23	7.48	-	91.71
Gas Consumed/Supplied	11.56	0.32	11.87	3.46	4.32	19.65
% Gas Consumed/Supplied w.r.t Gas Allotted	22%	1%	14%	46%	-	21%

Gas Supply to Pipeline connected and Isolated field connected gas based power plants:

	Pipeline (45 plants)					Isolated (17 plants)	
	Domestic	Imported		Imported Total	Total-Pipeline	Domestic	Import
		Long Term	Spot				
Gas Allocation	70.45	7.48	-	7.48	77.93	13.78	0.00
Gas Supply	3.26	3.46	4.32	7.77	11.03	8.62	0.00
% Gas supply w.r.t allocation	5%	46%	-	-	14%	63%	-
PLF (%)	10%					50%	

PLF(%)	
Cumulative (Apr'23-Mar'24)	14.9%

Plants having NIL Generation during 2023-24

7169

MW

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.

Namrup Power Project (APGCL) Capacity Addition-ST Unit- 36.15 MW in May 2020.

Capacity of Unit No. 4 (11 MW) & Unit No. 5 (24 MW) of Namrup CCPP is being deleted as per PDM Division letter dated 19.08.2020.

NTPC gas allocation figures have been updated based on the information received from NTPC.