

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jan/2023 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.709	685.892	1) Gujrat	-1.050	-15.554
2) Hydro	15.254	73.853	2) Madhya Pradesh	5.697	24.400
3) Gas	5.688	20.136	3) Chattisgarh	5.970	29.930
Total MSPGCL	158.651	779.881	4) Maharashtra	188.496	921.865
B) 1) APMIL	53.052	244.355	5) Goa (Amona)	-1.849	-8.732
2) JSWEL	20.143	102.271	Total	197.264	951.909
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.667	115.408
4) RPL(AMT)	18.384	91.871	b) Mumbai Drawl	27.238	130.810
5) SWPGPL	8.749	42.915	c) MSEDCL Bilateral *	62.930	399.309
6) Other IPP	46.874	229.855	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.667	115.408
C) 1) TPCL Thermal	11.557	53.172	Include PX	0.000	0.000
2) TPCL Hydro	4.207	16.714	Standby	0.000	0.000
3) TPCL Gas	2.612	12.135	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.761	42.146	1) MSEDCL	484.531	2341.483
D) STATE			2) Mumbai Discoms	54.375	254.978
1) Thermal	305.229	1492.477	3) Other Discoms	9.682	57.190
(A1+C1+C4+(B1-B6))			TOTAL STATE	548.588	2653.651
2) Hydro	19.461	90.567			
(A2+C2)					
3) Gas	8.300	32.271			
(A3+B7+C3)					
4) Wind	10.767	33.510			
6) SOLAR	7.567	52.916			
TOTAL STATE	351.324	1701.741			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5987	6088	6304	4930
MSPGCL Hydro	1655	766	1072	102
MSPGCL Gas	210	199	241	244
MSPGCL Total Generation	7852	7053	7617	5276
Central Sector Receipt	9724	9436	7222	7420
WIND	455	433	316	594
CPP / IPP Thermal	6705	6591	6704	5079
CPP / IPP Gas	0	0	0	0
SOLAR	831	1253	2	0
Exchange with Mumbai	-1136	-1410	-1057	-760
MSEDCL DEMAND MET	24001	22929	20352	17280
Load Shedding	0	0	0	0
MSEDCL DEMAND	24001	22929	20352	17280
TPCL GENERATION	1141	841	1181	495
AEML GENERATION	501	499	500	293
MUMBAI DEMAND	2778	2750	2738	1548
OTHER DISCOM DEMAND	430	427	452	329
STATE DEMAND MET	27209	26106	23542	19157
STATE DEMAND	27209	26106	23542	19157
Frequency (Hz)	50.02	49.99	49.96	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.34 Hz at 06:03 Hrs	49.55 Hz at 17:46 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 05/Jan/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.00	24.92	215	190
Unit 7	0.00	0.00	0	0
Unit 8	13.14	65.52	585	386
Unit 9	0.00	10.08	0	0
Unit 10	12.63	63.02	548	510
Total	30.78	163.54		
Bhusawal				
Unit 3	1.67	1.67	150	0
Unit 4	10.30	49.97	490	285
Unit 5	9.50	46.91	440	285
Total	21.46	98.55		
Parli				
Unit 6	4.75	22.84	233	147
Unit 7	0.00	13.70	0	0
Unit 8	4.03	18.95	188	141
Total	8.78	55.50		
Chandrapur				
Unit 3	3.37	16.42	160	120
Unit 4	0.00	8.99	0	0
Unit 5	3.96	24.66	305	0
Unit 6	7.97	42.46	405	220
Unit 7	0.00	0.00	0	0
Unit 8	11.49	54.44	496	415
Unit 9	11.27	54.84	487	413
Total	38.06	201.81		
Paras				
Unit 3	4.97	24.77	223	175
Unit 4	5.50	7.82	242	208
Total	10.47	32.59		
Khaparkheda				
Unit 1	2.80	14.08	135	105
Unit 2	2.75	11.29	140	65
Unit 3	2.88	13.91	161	0
Unit 4	2.45	11.49	137	0
Unit 5	10.43	50.70	470	400
Total	21.31	101.48		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.47	16.36	163	118
Unit 5	3.39	16.07	162	114
Total	6.86	32.43		
Uran				
All Units	5.69	20.14	247	199
Total	5.69	20.14		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.46	2.11	47	0
Total	0.46	2.11		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.98	22.12	535	40
Stage 4	6.12	26.10	750	0
Stage 3	1.94	8.91	320	0
Total	12.04	57.13		
Hydro				
KDPH	0.00	2.48	0	0
VTRNA	0.00	0.04	0	0
TILLARI	0.40	2.41	58	0
BHIRA T.R.	0.20	0.84	40	0
SMLHY_PTN	1.33	6.66	59	53
GHATGHAR	0.82	2.18	125	0
Total	2.75	14.61		
Wind				
Total	10.77	33.51	0	0
Total	10.77	33.51		
CPP				
APML(Mus)	53.05	244.36	0	0
JSWEL(Mus)	20.14	102.27	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.38	91.87	0	0
SWPGPL-Mus	8.75	42.92	0	0
Other(Mus)	46.87	229.86	0	0
Total	147.20	711.27		
SOLAR				
Total	7.57	52.92	0	0
Total	7.57	52.92		
Tata				
Trombay 5	7.48	35.02	436	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.49	6.90	108	39
Trombay 7B	1.12	5.23	65	37
TATA Hydro	4.21	16.71	405	5
Trombay 8	4.08	18.16	230	130
Total	18.38	82.02		
AEML				
DTPS U-1&2	8.76	42.15	502	287
Total	8.76	42.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.71	685.89	MSPGCL Total	158.65	779.88
			MSPGCL Thml+Gas	143.40	706.03	Koyna 1,2 & 4 Total	10.10	48.22
			MSPGCL Hydro	15.25	73.85	State Total	351.32	1701.74

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Jan/2023

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	4790	94	243	5127	748	5234	0	0	7468	7336	-961	17118	0	17118	1745	365	19228	50.02
2	4973	95	246	5314	645	5078	0	0	7478	7650	-834	17519	0	17519	1619	334	19472	49.99
3	4930	102	244	5276	594	5079	0	0	7768	7420	-760	17280	0	17280	1548	329	19157	49.90
4	5020	99	246	5365	535	5091	0	0	7557	7633	-712	17594	0	17594	1496	318	19408	49.98
5	5294	136	244	5674	478	5433	0	0	7655	7733	-748	18226	0	18226	1528	344	20098	50.09
6	5610	98	247	5955	516	6053	0	0	7975	7926	-854	19214	0	19214	1654	382	21250	50.04
7	5626	414	244	6284	437	6237	0	0	8210	8459	-974	20052	0	20052	1862	391	22305	50.07
8	5721	1468	244	7433	319	6718	0	55	7582	8030	-950	21199	0	21199	2052	406	23657	50.03
9	5817	1700	244	7761	323	6742	0	233	7813	8423	-966	22082	0	22082	2426	433	24942	49.98
10	5894	1857	241	7992	386	6693	0	498	8347	8860	-1038	22968	0	22968	2767	423	26158	49.90
11	5987	1655	210	7852	455	6705	0	831	9278	9724	-1136	24001	0	24001	2778	430	27209	50.02
12	6038	874	208	7120	448	6629	0	1139	9704	9938	-1351	23487	0	23487	2751	436	26674	50.00
13	6088	766	199	7053	433	6591	0	1253	9089	9436	-1410	22929	0	22929	2750	427	26106	49.99
14	6037	501	233	6771	418	6457	0	1232	9404	9780	-1607	22649	0	22649	2620	403	25671	50.02
15	6080	286	232	6598	374	6627	0	1094	9729	9936	-1718	22513	0	22513	2647	398	25558	49.98
16	5973	808	238	7019	313	6693	0	765	9377	9449	-1606	22222	0	22222	2656	411	25289	49.89
17	6219	1011	234	7464	236	6719	0	382	8191	8302	-1309	21361	0	21361	2638	433	24432	49.96
18	6281	886	236	7403	214	6736	0	83	7324	7342	-1113	20224	0	20224	2679	441	23344	49.88
19	6304	1072	241	7617	316	6704	0	2	7211	7222	-1057	20352	0	20352	2738	452	23542	49.96
20	6316	602	238	7156	412	6662	0	0	7040	6990	-1057	19721	0	19721	2681	442	22844	49.95
21	6084	260	242	6586	464	6194	0	0	7364	7179	-1263	18716	0	18716	2415	444	21575	50.01
22	5695	157	242	6094	454	5528	0	0	7613	7736	-1406	17970	0	17970	2267	435	20673	49.97
23	5560	157	247	5964	537	5301	0	0	7563	7525	-1271	17654	0	17654	2103	403	20159	50.01
24	5372	157	245	5774	712	5298	0	0	7523	7234	-1137	17477	0	17477	1955	404	19836	50.01
MUs	137.71	15.25	5.69	158.65	10.77	147.20	0.00	7.57	194.26	197.26	-27.24	484.53	0.00	484.53	54.38	9.68	548.59	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jan/2023

Position as on 6.30 Hrs of 06/Jan/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-1	250	02/12/2022	18:20		Continued.	Annual Overhaul	01/02/2023
IPP	Adani U-5	660	10/12/2022	23:56		Continued.	COH activities.	10/01/2023
IPP	JSW (J) U4	300	04/01/2023	23:45		Continued.	NO SCHEDULE	
FORCED OUTAGE								
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	07/01/2023
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	28/02/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	08/01/2023
MSPGCL	Nasik Unit 3	210	07/12/2022	21:25		Continued.	Boiler Tube Leakage. Unit on tolling from 22:00Hrs Dtd 09.12.2022	
IPP	RPL(AMT) U-3	270	25/12/2022	17:45		Continued.	Bottom Ash evacuation problem	07/01/2023
IPP	SWPGPL U-4	135	28/12/2022	00:00		Continued.	BOTTOM ASH EVACUATION PROBLEM	07/01/2023
MSPGCL	Bhusawal Unit 3	210	31/12/2022	09:43	05/01/2023	10:24	Boiler Tube Leakage	06/01/2023
MSPGCL	Koradi Unit 9	660	01/01/2023	20:49		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	03/01/2023	21:49	05/01/2023	03:44	DUE TO EMPLOYEES ON STRIKE.	
MSPGCL	Parli Unit 7	250	03/01/2023	22:16		Continued.	Boiler validity work	31/01/2023
MSPGCL	Khaparkheda Unit 3	210	03/01/2023	22:46	05/01/2023	02:20	Due to Employees on Strike.	
MSPGCL	Chandrapur Unit 5	500	03/01/2023	22:52	05/01/2023	08:55	Ash Handling System problem.	05/01/2023
MSPGCL	Chandrapur Unit 4	210	03/01/2023	23:15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	05/01/2023	00:00		Continued.	BOTTOM ASH PROBLEM	05/01/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
BUS COUPLER @ CHANDRAPUR	IntraState	05/01/2023	13:32	05/01/2023	16:14	HT	To attend air leakage problem
BUS COUPLER @ CHANDRAPUR	IntraState	05/01/2023	13:32	05/01/2023	16:14	EO	On dt.- 05/01/2023 at 10:45Hrs, air leakages found from drain valve of air reservoir tank of Yph & Bph of 400KV 400KV Circuit Breaker of 400KV Bus Coupler, further "compressor start" indication was frequently appeared on Window Indication of 400KV Bus Coupler. Currently, Compressor running frequency are 10 minutes interval. It is therefore very necessary to attend the same on top priority. The images of drain valve is attached herewith proposal.
400 KV LINE Outages/Trippings							
KOLHAPUR - KOLHAPUR (PG) CKT - 1	InterState	28/11/2022	10:12			PO	For reconductoring of Moose conductor with HTLS conductor for sytem improvement. Same is approved by Ministry of Power (MOP) vide their office memorandum dt 01.12.2021 . AR to be kept in non Auto mode for 400KV-KOLHAPUR-MS-KOLHAPUR GIS-2.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
JEJURI- KOYNA STAGE-IV	IntraState	05/01/2023	08:30	05/01/2023	18:21	PO	PID Faulty disc insulator replacement work & Cold & Chemical line washing work
NEW KOYNA - STAGE IV CKT - 2	IntraState	05/01/2023	11:05			PO	Y Pole C.B SF6 gas leakage attending work
JEJURI - KARAD	IntraState	05/01/2023	18:37	05/01/2023	20:52	EO	For attending hot spot at 29D B ph IPS clamp -Temp-181 Degree and at 29A Y ph isolator top rod -Temp -158 degree
400 KV ICT Outages/Trippings							
400/220/33 KV 315MVA ICT - 2 @ CHAKAN	IntraState	05/01/2023	10:29	05/01/2023	21:32	PO	For Overhauling of Bus A 89A Rph, Yph, Bph PG Isolators along with Routine Testing and Maintenance Work.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	18/12/2022	22:52			HT	To control overloading
220 KV ICT Outages/Trippings							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
110 KV LINE Outages/Trippings							
WAGHIVALI - CHEMBUR	IntraState	06/01/2023	00:02	06/01/2023	02:05	PO	LINE IMPEDANCE MEASUREMENT
WAGHIVALI - MANKHURD	IntraState	06/01/2023	02:18	06/01/2023	03:17	PO	LINE IMPEDANCE MEASUREMENT

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage