

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jan/2023 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.237	548.183	1) Gujrat	-0.138	-14.504
2) Hydro	19.642	58.599	2) Madhya Pradesh	5.929	18.703
3) Gas	4.704	14.494	3) Chattisgarh	6.170	23.960
Total MSPGCL	141.583	621.276	4) Maharashtra	186.085	733.369
B) 1) APLM	50.747	191.303	5) Goa (Amona)	-2.136	-6.883
2) JSWEL	21.325	82.128	Total	195.910	754.645
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.484	88.741
4) RPL(AMT)	15.653	73.487	b) Mumbai Drawl	27.305	103.572
5) SWPGPL	8.688	34.166	c) MSEDCL Bilateral *	93.428	336.379
6) Other IPP	46.035	182.981	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.484	88.741
C) 1) TPCL Thermal	10.467	41.615	Include PX	0.000	0.000
2) TPCL Hydro	3.623	12.507	Standby	0.000	0.000
3) TPCL Gas	2.630	9.523	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.703	33.385	1) MSEDCL	459.780	1856.998
D) STATE			2) Mumbai Discoms	52.729	200.603
1) Thermal	278.855	1187.248	3) Other Discoms	9.644	47.508
(A1+C1+C4+(B1-B6))			TOTAL STATE	522.153	2105.109
2) Hydro (A2+C2)	23.265	71.106			
3) Gas (A3+B7+C3)	7.334	24.017			
4) Wind	8.082	22.743			
6) SOLAR	8.706	45.349			
TOTAL STATE	326.242	1350.463			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4798	4748	5108	4767
MSPGCL Hydro	886	871	1434	860
MSPGCL Gas	195	189	155	198
MSPGCL Total Generation	5879	5808	6697	5825
Central Sector Receipt	9174	9216	7300	7197
WIND	327	256	344	266
CPP / IPP Thermal	6635	5639	6853	5113
CPP / IPP Gas	0	0	0	0
SOLAR	1116	1421	0	0
Exchange with Mumbai	-1246	-1476	-1003	-737
MSEDCL DEMAND MET	21460	20449	19751	17342
Load Shedding	0	0	0	0
MSEDCL DEMAND	21460	20449	19751	17342
TPCL GENERATION	962	724	1067	488
AEML GENERATION	491	496	491	298
MUMBAI DEMAND	2699	2696	2561	1523
OTHER DISCOM DEMAND	425	415	440	322
STATE DEMAND MET	24584	23560	22752	19187
STATE DEMAND	24584	23560	22752	19187
Frequency (Hz)	50.10	50.09	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 17:02 Hrs	49.67 Hz at 07:14 Hrs	50.01	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 04/Jan/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.66	19.92	215	183
Unit 7	0.00	0.00	0	0
Unit 8	12.97	52.38	579	479
Unit 9	0.00	10.08	0	0
Unit 10	11.98	50.38	550	470
Total	29.62	132.77		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.04	39.67	450	398
Unit 5	9.60	37.42	415	391
Total	19.64	77.09		
Parli				
Unit 6	4.31	18.10	243	139
Unit 7	0.00	13.70	0	0
Unit 8	3.76	14.92	169	139
Total	8.06	46.72		
Chandrapur				
Unit 3	3.30	13.05	153	120
Unit 4	0.00	8.99	0	0
Unit 5	0.00	20.69	0	0
Unit 6	8.64	34.49	410	286
Unit 7	0.00	0.00	0	0
Unit 8	10.90	42.95	492	400
Unit 9	10.99	43.57	496	410
Total	33.83	163.75		
Paras				
Unit 3	4.73	19.80	234	166
Unit 4	2.12	2.33	213	0
Total	6.85	22.12		
Khaparkheda				
Unit 1	2.84	11.29	128	103
Unit 2	0.00	8.54	1	0
Unit 3	0.00	11.04	0	0
Unit 4	0.00	9.04	0	0
Unit 5	9.71	40.26	450	330
Total	12.55	80.17		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.29	12.89	151	130
Unit 5	3.39	12.68	168	115
Total	6.68	25.57		
Uran				
All Units	4.70	14.49	246	152
Total	4.70	14.49		
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)	0.33	1.64	34	0
Total	0.33	1.64		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	8.56	18.14	425	40
Stage 4	5.90	19.98	618	0
Stage 3	3.14	6.97	240	0
Total	17.59	45.09		
Hydro				
KDPH	0.00	2.48	0	0
VTRNA	0.00	0.04	0	0
TILLARI	0.06	2.01	39	0
BHIRA T.R.	0.16	0.64	80	0
SMLHY_PTN	1.41	5.33	64	52
GHATGHAR	0.10	1.36	70	0
Total	1.73	11.86		
Wind				
Total	8.08	22.74	0	0
Total	8.08	22.74		
CPP				
APML(Mus)	50.75	191.30	0	0
JSWEL(Mus)	21.32	82.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	15.65	73.49	0	0
SWPGPL-Mus	8.69	34.17	0	0
Other(Mus)	46.04	182.98	0	0
Total	142.45	564.06		
SOLAR				
Total	8.71	45.35	0	0
Total	8.71	45.35		
Tata				
Trombay 5	6.91	27.53	392	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.53	5.41	107	44
Trombay 7B	1.10	4.11	64	35
TATA Hydro	3.62	12.51	379	6
Trombay 8	3.56	14.08	221	130
Total	16.72	63.64		
AEML				
DTPS U-1&2	8.70	33.38	500	286
Total	8.70	33.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.24	548.18	MSPGCL Total	141.58	621.28
			MSPGCL Thml+Gas	121.94	562.68	Koyna 1,2 & 4 Total	14.45	38.12
			MSPGCL Hydro	19.64	58.60	State Total	326.24	1350.46

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4895	857	198	5950	311	5286	0	0	7989	7609	-920	17850	0	17850	1711	386	19947	50.06
2	4794	863	198	5855	272	5005	0	0	8030	7614	-807	17581	0	17581	1602	358	19541	50.07
3	4767	860	198	5825	266	5113	0	0	7558	7197	-737	17342	0	17342	1523	322	19187	50.00
4	4802	856	198	5856	357	5169	0	0	7404	7229	-661	17633	0	17633	1471	317	19421	49.95
5	4713	854	199	5766	432	5260	0	0	7790	7593	-694	18035	0	18035	1490	322	19847	50.01
6	5019	865	199	6083	341	5731	0	0	7999	7983	-843	18952	0	18952	1635	343	20930	49.97
7	4980	861	199	6040	359	6172	0	2	8354	8650	-956	19899	0	19899	1830	368	22097	49.97
8	4867	871	199	5937	331	6715	0	106	8447	9025	-957	20755	51	20806	2012	402	23220	49.91
9	4879	890	199	5968	315	6664	0	352	8618	8559	-1097	20334	94	20428	2293	427	23148	50.02
10	4819	891	198	5908	281	6611	0	798	9086	9015	-1159	21020	7	21027	2545	434	24006	50.05
11	4798	886	195	5879	327	6635	0	1116	9032	9174	-1246	21460	0	21460	2699	425	24584	50.10
12	4670	878	192	5740	322	5959	0	1324	9440	9540	-1490	20956	0	20956	2742	439	24137	50.11
13	4748	871	189	5808	256	5639	0	1421	9138	9216	-1476	20449	0	20449	2696	415	23560	50.09
14	4653	831	187	5671	197	5356	0	1291	9393	9242	-1562	19788	0	19788	2559	407	22754	50.00
15	4614	854	190	5658	243	5134	0	1060	9265	9597	-1626	19652	0	19652	2581	414	22647	49.88
16	4775	876	190	5841	237	5514	0	780	9018	9141	-1548	19533	0	19533	2588	432	22553	49.98
17	4746	896	190	5832	201	5926	0	392	8060	7962	-1354	18520	0	18520	2572	439	21531	50.02
18	4856	1193	192	6241	216	6778	0	64	6984	7252	-1156	18952	0	18952	2539	443	21934	50.04
19	4960	1388	152	6500	304	6950	0	0	7337	7400	-1133	19572	0	19572	2583	449	22604	49.99
20	5108	1434	155	6697	344	6853	0	0	7100	7300	-1003	19751	0	19751	2561	440	22752	50.00
21	5236	449	178	5863	466	6301	0	0	7436	7879	-1259	18811	0	18811	2357	439	21607	49.93
22	5314	232	223	5769	511	6008	0	0	7363	7264	-1297	17832	0	17832	2201	423	20456	49.96
23	5222	93	240	5555	598	5895	0	0	7430	7320	-1210	17750	0	17750	2052	408	20210	50.03
24	5002	93	246	5341	595	5774	0	0	7699	7149	-1114	17354	0	17354	1886	391	19631	50.05
MUs	117.24	19.64	4.70	141.58	8.08	142.45	0.00	8.71	195.97	195.91	-27.30	459.78	0.15	459.93	52.73	9.64	522.30	50.01

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 04/Jan/2023

Position as on 6.30 Hrs of 05/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 U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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		Continued.	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	Khaparkheda Unit 2	210	03/01/2023	22:15	04/01/2023	23:58	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		Continued.	Ash Handling System problem.	
MSPGCL	Uran Unit B0	120	03/01/2023	23:09	04/01/2023	20:38	Due to Strike	
MSPGCL	Chandrapur Unit 4	210	03/01/2023	23:15		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jan/2023

Position as on 6.30 Hrs of 05/Jan/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	04/01/2023	07:08	04/01/2023	19:08	High drum level.	
IPP	RPL(AMT) U-4	270	05/01/2023	00:00		Continued.	BOTTOM ASH PROBLEM	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jan/2023

Statement-VII

Position as on 6.30 Hrs of 05/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
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
NAGOTHANE - DABHOL CKT - 1	IntraState	03/01/2023	11:29	04/01/2023	19:35	PO	Replacement of Surge Arrestor for Y & B poles
JEJURI- KOYNA STAGE-IV	IntraState	05/01/2023	08:30			PO	PID Faulty disc insulator replacement work & Cold & Chemical line washing work
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	18/12/2022	22:52			HT	To control overloading
PADGHE - JAMBHUL 1	IntraState	04/01/2023	17:44	04/01/2023	21:07	T	Distance Protection
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

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