

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Feb/2023 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.639	4371.948	1) Gujrat	3.570	-34.361
2) Hydro	23.226	456.679	2) Madhya Pradesh	2.360	96.556
3) Gas	4.900	123.747	3) Chattisgarh	3.940	123.020
Total MSPGCL	189.765	4952.374	4) Maharashtra	163.872	4726.297
B) 1) APMIL	75.103	2069.562	5) Goa (Amona)	-0.683	-34.745
2) JSWEL	26.992	595.729	Total	173.059	4876.767
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.931	803.761
4) RPL(AMT)	25.856	823.456	b) Mumbai Drawl	35.986	985.814
5) SWPGPL	9.019	222.370	c) MSEDCL Bilateral *	76.440	2019.736
6) Other IPP	47.302	1214.197	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.931	803.308
C) 1) TPCL Thermal	13.771	255.697	Include PX	0.000	0.000
2) TPCL Hydro	4.321	108.394	Standby	0.000	0.453
3) TPCL Gas	0.000	31.445	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.714	286.553	1) MSEDCL	523.462	14190.935
D) STATE			2) Mumbai Discoms	65.792	1667.900
1) Thermal	371.396	9839.512	3) Other Discoms	9.888	278.412
(A1+C1+C4+(B1-B6))			TOTAL STATE	599.142	16137.247
2) Hydro (A2+C2)	27.547	565.073			
3) Gas (A3+B7+C3)	4.900	155.192			
4) Wind	8.179	261.392			
6) SOLAR	14.061	439.314			
TOTAL STATE	426.083	11260.483			

* 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 24 Hrs
MSPGCL Thermal	6746	6714	6845	6708
MSPGCL Hydro	1438	562	1739	215
MSPGCL Gas	158	195	200	230
MSPGCL Total Generation	8342	7471	8784	7153
Central Sector Receipt	8338	9287	6385	6061
WIND	478	191	500	628
CPP / IPP Thermal	7741	7393	7797	7717
CPP / IPP Gas	0	0	0	0
SOLAR	1757	2051	0	0
Exchange with Mumbai	-1791	-1960	-1498	-1595
MSEDCL DEMAND MET	24437	23983	21503	19558
Load Shedding	0	0	0	0
MSEDCL DEMAND	24437	23983	21503	19558
TPCL GENERATION	912	779	1066	455
AEML GENERATION	491	494	461	481
MUMBAI DEMAND	3194	3233	3025	2531
OTHER DISCOM DEMAND	428	450	465	406
STATE DEMAND MET	28059	27666	24993	22495
STATE DEMAND	28059	27666	24993	22495
Frequency (Hz)	50.01	50.01	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.32 Hz at 18:02 Hrs	49.6 Hz at 16:27 Hrs	49.98	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 28/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.90	121.84	210	195
Unit 8	14.65	384.51	647	570
Unit 9	14.29	369.97	641	510
Unit 10	12.72	343.52	550	491
Total	46.57	1219.84		
Bhusawal				
Unit 3	3.75	94.50	170	145
Unit 4	7.69	287.24	425	280
Unit 5	11.68	289.56	495	445
Total	23.12	671.30		
Parli				
Unit 6	0.00	97.35	0	0
Unit 7	4.14	97.78	241	119
Unit 8	2.96	91.34	147	97
Total	7.10	286.47		
Chandrapur				
Unit 3	4.02	102.32	172	150
Unit 4	3.09	83.93	145	114
Unit 5	0.00	76.31	0	0
Unit 6	9.48	244.57	415	363
Unit 7	1.66	1.66	246	0
Unit 8	11.90	319.42	500	488
Unit 9	11.83	235.42	500	465
Total	41.97	1063.63		
Paras				
Unit 3	4.71	136.41	235	135
Unit 4	5.25	158.08	236	191
Total	9.96	294.49		
Khaparkheda				
Unit 1	2.98	55.42	130	115
Unit 2	3.31	80.59	146	115
Unit 3	3.59	106.55	182	0
Unit 4	3.88	98.12	172	151
Unit 5	11.27	303.69	500	425
Total	25.04	644.36		
Nasik				
Unit 3	0.00	91.66	0	0
Unit 4	3.88	22.88	177	135
Unit 5	3.99	77.32	178	140
Total	7.87	191.86		
Uran				
All Units	4.90	123.75	233	158
Total	4.90	123.75		
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)	0.18	10.22	47	0
Total	0.18	10.22		
Koyna				
Stage 1-2	7.26	123.32	485	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	8.24	141.42	750	0
Stage 3	3.60	56.48	320	0
Total	19.11	321.23		
Hydro				
KDPH	0.86	20.76	36	36
VTRNA	1.02	20.01	60	0
TILLARI	0.00	10.29	0	0
BHIRA T.R.	0.22	6.27	80	0
SMLHY_PTN	1.84	63.26	87	68
GHATGHAR	0.00	4.64	0	0
Total	3.94	125.22		
Wind				
Total	8.18	261.39	0	0
Total	8.18	261.39		
CPP				
APML(Mus)	75.10	2069.56	0	0
JSWEL(Mus)	26.99	595.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.86	823.46	0	0
SWPGPL-Mus	9.02	222.37	0	0
Dhariwal	6.47	56.56	274	255
IEPL	6.14	150.01	262	228
Other(Mus)	34.69	1007.63	0	0
Total	184.27	4925.31		
SOLAR				
Total	14.06	439.31	0	0
Total	14.06	439.31		
Tata				
Trombay 5	9.14	138.93	465	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	17.51	0	0
Trombay 7B	0.00	13.94	0	0
TATA Hydro	4.32	108.39	423	8
Trombay 8	4.63	116.77	228	129
Total	18.09	395.54		
AEML				
DTPS U-1&2	11.71	286.55	501	457
Total	11.71	286.55		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.64	4371.95	MSPGCL Total	189.76	4952.37
			MSPGCL Thml+Gas	166.54	4495.70	Koyna 1,2 & 4 Total	15.51	264.75
			MSPGCL Hydro	23.23	456.68	State Total	426.08	11260.48

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Feb/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	6541	993	230	7764	291	7745	0	0	5574	5865	-1176	20122	0	20122	2403	367	22892	50.00
2	6604	925	229	7758	274	7708	0	0	5950	6243	-1293	20357	0	20357	2245	333	22935	49.97
3	6674	548	229	7451	357	7741	0	0	6404	6415	-1220	20449	0	20449	2128	295	22872	49.97
4	6557	155	233	6945	370	7683	0	0	6619	6717	-1155	20246	0	20246	2062	314	22622	49.99
5	6509	707	233	7449	318	7707	0	0	6434	6477	-1076	20548	0	20548	2049	327	22924	49.95
6	6581	1308	231	8120	172	7807	0	0	6542	6757	-903	21600	0	21600	2150	353	24103	49.98
7	6629	1435	232	8296	285	7795	0	3	6635	7128	-985	22145	0	22145	2304	377	24826	49.89
8	6685	1507	173	8365	304	7836	0	238	6834	7643	-1076	22899	0	22899	2470	411	25780	49.94
9	6819	1436	164	8419	216	7780	0	766	6985	7659	-1335	23075	0	23075	2740	430	26245	49.98
10	6765	1315	163	8243	367	7747	0	1310	7360	7934	-1590	23574	0	23574	3007	437	27018	49.89
11	6746	1438	158	8342	478	7741	0	1757	7883	8338	-1791	24437	0	24437	3194	428	28059	50.01
12	6708	1199	169	8076	335	7709	0	2018	8118	8414	-1870	24243	0	24243	3257	439	27939	49.98
13	6714	562	195	7471	191	7393	0	2051	8805	9287	-1960	23983	0	23983	3233	450	27666	50.01
14	6731	511	197	7439	139	7321	0	1954	8581	8673	-1930	23149	0	23149	3088	447	26684	50.02
15	6788	881	199	7868	104	7311	0	1710	8867	8823	-2125	23259	0	23259	3128	432	26819	49.93
16	6854	1243	198	8295	117	7642	0	1252	8041	8093	-1967	22982	0	22982	3189	450	26621	49.81
17	6880	1330	197	8407	158	7778	0	746	7401	7386	-1604	22424	0	22424	3192	447	26063	49.84
18	6823	1224	211	8258	204	7768	0	245	6978	7065	-1517	21555	0	21555	3130	468	25153	50.06
19	6844	1221	194	8259	393	7817	0	11	6349	6493	-1499	20996	0	20996	3057	478	24531	50.01
20	6845	1739	200	8784	500	7797	0	0	6346	6385	-1498	21503	0	21503	3025	465	24993	50.02
21	6874	739	210	7823	670	7658	0	0	6484	6376	-1496	20586	0	20586	2873	445	23904	50.05
22	6859	300	212	7371	698	7440	0	0	6561	6567	-1647	19987	0	19987	2724	442	23153	50.08
23	6901	295	213	7409	610	7631	0	0	6326	6260	-1678	19804	0	19804	2613	428	22845	50.04
24	6708	215	230	7153	628	7717	0	0	6158	6061	-1595	19558	0	19558	2531	406	22495	50.03
MUs	161.64	23.23	4.90	189.77	8.18	184.27	0.00	14.06	168.24	173.06	-35.99	523.48	0.00	523.48	65.79	9.87	599.14	49.98

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 28/Feb/2023

Position as on 6.30 Hrs of 01/Mar/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	01/03/2023
IPP	SWPGPL U-2	135	08/02/2023	00:01		Continued.	Bag Filter replacement work	02/03/2023
MSPGCL	Chandrapur Unit 5	500	12/02/2023	00:05		Continued.	Boiler validity work	03/03/2023
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	07/04/2023
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	05/03/2023
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	30/05/2023
MSPGCL	Uran Unit 5	108	12/11/2022	13:23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30	28/02/2023	14:36	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	28/02/2023
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
TPC-G	Trombay 7B	60	15/02/2023	16:54		Continued.	Gas shortage	
MSPGCL	Parli Unit 6	250	21/02/2023	20:15		Continued.	Air heater problem	10/03/2023
TPC-G	Trombay 7A	120	21/02/2023	20:26		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/02/2023	06:53	28/02/2023	10:58	CTO temperature high	
MSPGCL	Nasik Unit 3	210	25/02/2023	12:00		Continued.	boiler tube leakage (under tooling from dtd-27.2.2023 @ 16:00 hrs	05/03/2023
IPP	RPL(AMT) U-4	270	25/02/2023	17:00	28/02/2023	21:45	Bottom Ash evacuation problem	28/02/2023
MSPGCL	Koyna Unit 8	80	27/02/2023	09:00	28/02/2023	14:40	attending problem of needle no.1	28/02/2023
MSPGCL	Koyna STG-IV Unit-4	250	28/02/2023	07:00	28/02/2023	18:30	due to spherical valve not opening.	
MSPGCL	Khaparkheda Unit 3	210	28/02/2023	19:28	28/02/2023	22:21	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 1	InterState	28/02/2023	10:43	28/02/2023	20:07	PO	For Replacement of PID suspected insulator disc & Cold line washing work.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	20/02/2023	15:36			HT	HAND TRIPPED FOR LOAD MANAGEMENT
MAIN BUS - 2 @ KUMBHARGAON (NANDED)	IntraState	28/02/2023	11:23	28/02/2023	17:46	PO	400kV Bus Isolator & BPI erection for Bus-2 for 400 kV Reactor Bay.
EKTUNI - BABLESHWAR CKT - 2	IntraState	28/02/2023	11:35	28/02/2023	13:10	PO	MTAMC work. No outage required only permission for shorting metering core to replace MFM meter outage not required.
KHADKA - BABLESHWAR	IntraState	28/02/2023	13:19	28/02/2023	18:46	PO	replacement of faulty disc insulator strings detected in PID & Monkey Patrolling
LONIKAND 2 - KARJAT CKT - 2	IntraState	28/02/2023	13:38	28/02/2023	16:24	T	Tripped on Dist. Protection.
CHANDRAPUR 2 - KUMBHARGAON(NANDED) CKT - 2	IntraState	01/03/2023	05:44			EO	Replacement of flashover disc at loc 595
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 3 @ WALUJ	IntraState	28/02/2023	11:29	28/02/2023	15:12	PO	220kv(IV) bay CB testing work
105 MVA SPARE ICT @ AKOLA	IntraState	28/02/2023	11:52	28/02/2023	15:30	PO	DCRM, Tandelata & routine maintenance work
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2023	17:54			HT	HT for Load Management
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work. (RFC AT 21:23 HRS DT.10/02/2023 AND KEPT OPENED FOR LOAD MANAGEMENT)
BOISAR - VERSOVA	IntraState	13/02/2023	15:28			PO	1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
DAHANU - VERSOVA	IntraState	13/02/2023	15:34			PO	Project activity 1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
BORIVALI - TARAPUR	IntraState	27/02/2023	08:52			PO	Replacement of rusted Hardware between the loc no. 28 to 50 under Scheme.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	27/02/2023	10:20	28/02/2023	00:19	HT	Hand tripped due to 220KV Nashik-BBLSR line Loading
CHALISGAON - SAYNE	IntraState	27/02/2023	20:37	28/02/2023	04:41	EO	Attending CT Leakage.
TROMBAY SALSETTE LINE-2	IntraState	28/02/2023	04:03	28/02/2023	04:03	PO	400 KV KVPTL WORK
KANDALGAON - KOYNA (POPHALI)	IntraState	28/02/2023	08:45	28/02/2023	16:20	HT	Tripped on Y-ph conductor snap in Switchyard pophali.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	28/02/2023	10:56	28/02/2023	18:20	HT	To control line loading
CHINCHWAD-2 - TELCO	IntraState	28/02/2023	11:13	28/02/2023	11:23	HT	To control line loading
220 PARLI U-8 - NEW GCR PARLI CKT I	IntraState	28/02/2023	11:27	28/02/2023	17:03	PO	CRM and Timing work
NAGOTHANE - IPCL	IntraState	28/02/2023	12:11	28/02/2023	21:50	EO	TO ATTAIN THE PROBLEM IN CB INDICATION.
KUMBHARGAON-BHOKAR CKT 1	IntraState	28/02/2023	12:40	28/02/2023	18:27	EO	Jumper Nut Bolt Tightening

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 01/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
LONIKAND (400 KV)-THEUR II	IntraState	28/02/2023	13:45	28/02/2023	20:18	T	Tripped on Dist. Protection.
BHUGAON - WARDHA (PG)	IntraState	28/02/2023	15:56	28/02/2023	19:12	HT	H/T for Overdrawal Control
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	28/02/2023	16:29	28/02/2023	18:29	T	Tripped on Dist. 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 / 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							
DHARAVI VIKHROLI	IntraState	10/02/2023	23:17			PO	for 400KV Project work of KVPTL
DHARAVI POWAI	IntraState	10/02/2023	23:35			PO	For 400KV project work on KVPTL
WAGHIVALI - MANKHURD	IntraState	27/02/2023	23:46	28/02/2023	04:56	PO	PROJECT WORK-Movement of jack up barge in the vicinity

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