

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2023 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	165.691	2135.002	1) Gujrat	1.940	38.990
2) Hydro	15.930	121.211	2) Madhya Pradesh	7.154	58.136
3) Gas	4.424	54.465	3) Chattisgarh	4.440	51.500
Total MSPGCL	186.045	2310.678	4) Maharashtra	184.994	2138.664
B) 1) APLM	59.070	880.158	5) Goa (Amona)	-2.144	-20.504
2) JSWEL	25.884	328.360	Total	196.384	2266.786
3) VIPL	0.000	0.000	a) Mumbai Schedule	36.092	398.733
4) RPL(AMT)	31.250	388.994	b) Mumbai Drawl	40.394	472.485
5) SWPGPL	10.442	131.185	c) MSEDCL Bilateral *	78.156	1115.520
6) Other IPP	39.006	543.716	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	36.092	398.733
C) 1) TPCL Thermal	10.630	141.303	Include PX	0.000	0.000
2) TPCL Hydro	3.154	34.804	Standby	0.000	0.000
3) TPCL Gas	3.193	34.026	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.328	143.352	1) MSEDCL	519.875	6573.702
D) STATE			2) Mumbai Discoms	68.699	825.970
1) Thermal	353.301	4692.070	3) Other Discoms	10.307	130.438
(A1+C1+C4+(B1-B6))			TOTAL STATE	598.881	7530.110
2) Hydro (A2+C2)	19.084	156.015			
3) Gas (A3+B7+C3)	7.617	88.491			
4) Wind	9.512	149.395			
6) SOLAR	12.983	177.353			
TOTAL STATE	402.497	5263.324			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	7176	7207	6736	6671
MSPGCL Hydro	431	180	1737	236
MSPGCL Gas	179	173	186	188
MSPGCL Total Generation	7786	7560	8659	7095
Central Sector Receipt	9550	9588	7205	7343
WIND	323	312	265	443
CPP / IPP Thermal	6813	6797	7014	6902
CPP / IPP Gas	0	0	0	0
SOLAR	1922	1864	0	0
Exchange with Mumbai	-2066	-2038	-1416	-1317
MSEDCL DEMAND MET	23854	23618	21257	20128
Load Shedding	0	0	0	0
MSEDCL DEMAND	23854	23618	21257	20128
TPCL GENERATION	827	846	1149	508
AEML GENERATION	470	483	493	457
MUMBAI DEMAND	3363	3367	3058	2282
OTHER DISCOM DEMAND	474	465	470	338
STATE DEMAND MET	27691	27450	24785	22748
STATE DEMAND	27691	27450	24785	22748
Frequency (Hz)	49.98	49.98	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.3 Hz at 18.03 Hrs	49.66 Hz at 14.35 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 13/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.31	59.64	205	155
Unit 8	11.46	172.75	502	408
Unit 9	13.99	173.87	604	558
Unit 10	0.00	102.93	0	0
Total	29.76	509.19		
Bhusawal				
Unit 3	3.60	43.38	165	135
Unit 4	11.21	125.86	490	425
Unit 5	11.54	133.66	500	425
Total	26.35	302.90		
Parli				
Unit 6	5.85	60.95	250	202
Unit 7	5.76	59.87	248	223
Unit 8	3.97	44.74	190	135
Total	15.57	165.56		
Chandrapur				
Unit 3	3.83	46.96	170	125
Unit 4	3.30	42.14	145	106
Unit 5	4.66	45.70	395	0
Unit 6	9.14	110.74	405	364
Unit 7	9.96	109.42	427	377
Unit 8	11.83	140.35	500	477
Unit 9	8.13	138.88	500	0
Total	50.85	634.18		
Paras				
Unit 3	5.23	64.04	242	161
Unit 4	5.22	68.70	229	193
Total	10.45	132.74		
Khaparkheda				
Unit 1	2.73	35.96	125	100
Unit 2	2.97	40.41	139	102
Unit 3	3.24	44.75	181	0
Unit 4	4.26	50.99	192	161
Unit 5	11.58	134.35	500	455
Total	24.78	306.46		
Nasik				
Unit 3	0.00	0.97	0	0
Unit 4	3.96	37.13	175	150
Unit 5	3.96	45.86	177	153
Total	7.93	83.97		
Uran				
All Units	4.42	54.46	191	172
Total	4.42	54.46		
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)	0.11	1.66	40	0
Total	0.11	1.66		
Koyna				
Stage 1-2	3.40	29.67	495	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	5.42	23.34	971	0
Stage 3	1.93	11.55	240	0
Total	10.76	64.56		
Hydro				
KDPH	0.86	10.78	36	36
VTRNA	1.20	13.51	61	0
TILLARI	0.46	2.23	58	0
BHIRA T.R.	0.10	1.65	40	0
SMLHY_PTN	2.44	26.81	105	95
GHATGHAR	0.00	0.00	0	0
Total	5.06	54.99		
Wind				
Total	9.51	149.40	0	0
Total	9.51	149.40		
CPP				
APML(Mus)	59.07	880.16	0	0
JSWEL(Mus)	25.88	328.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.25	388.99	0	0
SWPGPL-Mus	10.44	131.18	0	0
Dhariwal	6.13	77.76	275	232
IEPL	4.97	65.86	260	195
Other(Mus)	27.90	400.10	0	0
Total	165.65	2272.41		
SOLAR				
Total	12.98	177.35	0	0
Total	12.98	177.35		
Tata				
Trombay 5	6.98	93.35	403	265
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.91	19.92	108	43
Trombay 7B	1.28	14.10	65	38
TATA Hydro	3.15	34.80	364	7
Trombay 8	3.65	47.96	211	131
Total	16.98	210.13		
AEML				
DTPS U-1&2	11.33	143.35	499	390
Total	11.33	143.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	165.69	2135.00	MSPGCL Total	186.04	2310.68
			MSPGCL Thml+Gas	170.12	2189.47	Koyna 1,2 & 4 Total	8.82	53.01
			MSPGCL Hydro	15.93	121.21	State Total	402.50	5263.32

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Mar/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	6693	306	188	7187	294	7036	0	0	7046	7275	-1484	19937	0	19937	2609	371	22917	50.01
2	6712	301	188	7201	439	6863	0	0	7348	7418	-1359	20207	0	20207	2460	355	23022	50.03
3	6671	236	188	7095	443	6902	0	0	7391	7343	-1317	20128	0	20128	2282	338	22748	50.01
4	6670	236	188	7094	588	6876	0	0	7472	7389	-1280	20325	0	20325	2181	342	22848	50.02
5	6679	260	190	7129	728	6902	0	0	7597	7601	-1214	20795	0	20795	2142	351	23288	50.00
6	6780	312	190	7282	837	6981	0	0	8135	7581	-1137	21161	0	21161	2215	383	23759	50.01
7	6854	353	189	7396	901	6981	0	15	8327	8345	-1224	22002	0	22002	2321	412	24735	50.04
8	6928	1013	190	8131	638	6986	0	267	7654	8027	-1352	22263	0	22263	2464	434	25161	50.03
9	6995	482	186	7663	462	6830	0	706	8539	8886	-1648	22458	0	22458	2751	441	25650	50.02
10	7010	501	186	7697	341	6865	0	1252	9047	9293	-1879	23115	0	23115	3039	454	26608	49.92
11	7114	445	188	7747	307	6892	0	1688	9498	9644	-1939	23874	0	23874	3271	465	27610	50.00
12	7176	431	179	7786	323	6813	0	1922	9646	9550	-2066	23854	0	23854	3363	474	27691	49.98
13	7207	180	173	7560	312	6797	0	1864	9516	9588	-2038	23618	0	23618	3367	465	27450	49.98
14	7228	180	172	7580	296	6737	0	1801	9652	9366	-2247	23053	0	23053	3298	480	26831	50.00
15	7200	310	173	7683	192	6715	0	1463	9936	9773	-2293	23087	0	23087	3346	446	26879	49.85
16	7228	701	177	8106	136	6784	0	1119	9563	9496	-2260	22926	0	22926	3375	455	26756	49.91
17	7201	1284	176	8661	166	6834	0	661	8582	8797	-2097	22554	0	22554	3319	468	26341	49.99
18	7027	1633	180	8840	238	6728	0	220	8178	7962	-1881	21644	0	21644	3182	463	25289	50.02
19	6805	1468	180	8453	209	6934	0	5	7507	7462	-1692	20884	0	20884	3087	487	24458	50.05
20	6736	1737	186	8659	265	7014	0	0	7047	7205	-1416	21257	0	21257	3058	470	24785	50.03
21	6664	1001	188	7853	316	7045	0	0	6972	7126	-1558	20322	0	20322	2940	460	23722	50.01
22	6731	802	188	7721	268	6925	0	0	7129	7076	-1659	19888	0	19888	2857	443	23188	49.98
23	6720	913	190	7823	285	7091	0	0	6938	7356	-1659	20468	0	20468	2872	428	23768	49.99
24	6662	845	191	7698	528	7121	0	0	7043	6825	-1695	20055	0	20055	2900	422	23377	49.97
MUs	165.69	15.93	4.42	186.04	9.51	165.65	0.00	12.98	195.76	196.38	-40.39	519.87	0.00	519.87	68.70	10.31	598.88	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 13/Mar/2023

Position as on 6.30 Hrs of 14/Mar/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	31/07/2023
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	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
MSPGCL	Koradi Unit-10	660	09/03/2023	11:11		Continued.	Boiler Tube Leakage	15/03/2023
MSPGCL	Nasik Unit 3	210	10/03/2023	15:22		Continued.	Axial shift high	17/03/2023
MSPGCL	Uran Unit B0	120	11/03/2023	09:02		Continued.	Bearing vibration high	25/03/2023
MSPGCL	Khaparkheda Unit 3	210	11/03/2023	20:07	13/03/2023	04:43	Boiler Tube Leakage	14/03/2023
MSPGCL	Chandrapur Unit 5	500	11/03/2023	23:36	13/03/2023	10:14	PA Fan problem	13/03/2023
IPP	Adani U-2	660	12/03/2023	18:02		Continued.	turbine left hand side MS drain leakage	15/03/2023
MSPGCL	Chandrapur Unit 9	500	13/03/2023	18:08		Continued.	Boiler Tube Leakage	17/03/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 14/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							
PADGHE - NAGOTHANE CKT - 1	IntraState	09/03/2023	09:30			PO	CB replacement work
BABHALESHWAR - PADGHE CKT-1	IntraState	13/03/2023	09:02			PO	PG maintenance work;CB timing and DCRM
MAIN BUS - 1 @ AKOLA 2	IntraState	13/03/2023	11:06	13/03/2023	17:40	PO	Maintenance of Bus equipment's
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220 KV 315MVA ICT - 1 @ KARAD	IntraState	13/03/2023	06:46	13/03/2023	09:19	PO	For testing of OLTC Bucholz.
400/220/33 KV 315 MVA ICT - 2 @ KOLHAPUR	IntraState	13/03/2023	10:38	14/03/2023	00:47	PO	1. OLTC oil filtration work. 2. C Bus isolator OH work
400 KV BUSBAR Outages/Trippings							
MAIN BUS - 2 @ BABHLESHWAR	IntraState	13/03/2023	10:35	13/03/2023	16:00	PO	Hanger rod dismantle and erection by hotline method in 400 KV Padghe I bay
220 KV TBC Outages/Trippings							
TBC @ ICHALKARANJI II	IntraState	13/03/2023	10:06	13/03/2023	16:04	PO	1) Quarterly bay maintenance work at 220 kV Tilawani.
220 KV LINE Outages/Trippings							
BALE - SOLAPUR (PG)	InterState	13/03/2023	17:16	13/03/2023	18:21	EO	Outage is required for Tree cutting at Loc no. 11-12 (Old section of 220 kV Bale - Tuljapur line)
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)
EKLAHARE (OCR) - PADGHE	IntraState	05/03/2023	08:55			HT	For load management
CTRLS - NET MAGIC GIS	IntraState	07/03/2023	12:43			T	Distance Protection.
SONKHAR - TROMBAY	IntraState	13/03/2023	08:54	13/03/2023	13:35	HT	Heavy sparking on LMU, CC
HAMIDWADA - MUMEWADI	IntraState	13/03/2023	09:25	13/03/2023	11:36	PO	Quarterly Maintainance Work, Attending Hot spot.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	13/03/2023	09:43	13/03/2023	23:00	HT	For load management
VERSOVA - GHODBUNDER	IntraState	13/03/2023	09:50			PO	Annul maintenance of circuit Breaker.
TALANDGE - SAWANTWADI	IntraState	13/03/2023	11:48	13/03/2023	16:56	T	Tripped on distance protection
URSE - TALEGAON (AMBI) CKT 2	IntraState	13/03/2023	13:24	13/03/2023	14:54	EO	For Hot spot attending and Bus isolator maintenance by Hot Line Unit
EKLAHARA(GCR)(NASIK)-BABLESHWAR 1	IntraState	13/03/2023	23:21	14/03/2023	05:42	EO	Replacement of 220KV BBLR - Nashik -1 line Distance relay on immediately basis. line will be in service
SATANA - GANGAPUR	IntraState	14/03/2023	01:51	14/03/2023	02:49	T	Distance Protection
SHIVAJINAGAR - GANGAPUR	IntraState	14/03/2023	01:52	14/03/2023	02:48	T	Distance Protection
GANGAPUR-VALVE	IntraState	14/03/2023	01:52	14/03/2023	02:49	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 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/03/2023	11:09			EO	Replacement of Diverter shaft

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2023

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 200MVA ICT 1	IntraState	13/03/2023	09:55	13/03/2023	20:09	HT	Replacement of CTR panel, ICT Painting and routine maintenance work.
220/132-110KV 100MVA PTR 1@WATHAR	IntraState	13/03/2023	10:36	13/03/2023	13:05	PO	Quarterly maint work
220/132 KV 100 MVA ICT 2 @ RANJANGAON	IntraState	13/03/2023	11:02	13/03/2023	19:20	PO	For OLTC overhauling work, DT & other maintenance work. During outage load is managed on ICT-I & III , hence area affected NIL
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
KHOPOLI - DAVDI	IntraState	10/03/2023	08:46	13/03/2023	15:50	PO	Breaker O/H

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