

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.338	1975.228	1) Gujrat	-3.590	-73.398
2) Hydro	8.966	150.407	2) Madhya Pradesh	3.456	61.253
3) Gas	5.602	69.476	3) Chattisgarh	4.870	59.930
Total MSPGCL	164.906	2195.111	4) Maharashtra	169.677	2291.137
B) 1) APLM	71.167	932.168	5) Goa (Amona)	-1.499	-18.465
2) JSWEL	18.064	234.479	Total	172.914	2320.457
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.227	391.433
4) RPL(AMT)	31.160	386.732	b) Mumbai Drawl	32.432	443.266
5) SWPGPL	7.343	110.904	c) MSEDCL Bilateral *	81.063	952.335
6) Other IPP	40.843	557.849	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.227	391.100
C) 1) TPCL Thermal	10.819	65.365	Include PX	0.000	0.000
2) TPCL Hydro	3.355	56.160	Standby	0.000	0.333
3) TPCL Gas	2.111	27.197	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.622	123.788	1) MSEDCL	498.498	6491.482
D) STATE			2) Mumbai Discoms	58.339	715.776
1) Thermal	339.356	4386.513	3) Other Discoms	10.107	128.610
(A1+C1+C4+(B1-B6))			TOTAL STATE	566.944	7335.868
2) Hydro	12.321	206.567			
(A2+C2)					
3) Gas	7.713	96.673			
(A3+B7+C3)					
4) Wind	17.853	126.562			
6) SOLAR	16.787	199.096			
TOTAL STATE	394.030	5015.411			

* 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 1 Hrs
MSPGCL Thermal	6595	6458	6859	5079
MSPGCL Hydro	339	315	1392	169
MSPGCL Gas	229	217	235	244
MSPGCL Total Generation	7163	6990	8486	5492
Central Sector Receipt	8792	8547	6373	6008
WIND	687	337	368	1539
CPP / IPP Thermal	7172	6974	7377	6602
CPP / IPP Gas	0	0	0	0
SOLAR	2046	2292	0	0
Exchange with Mumbai	-1659	-1741	-1341	-1096
MSEDCL DEMAND MET	23748	22949	20796	18165
Load Shedding	0	0	0	0
MSEDCL DEMAND	23748	22949	20796	18165
TPCL GENERATION	745	686	1069	510
AEML GENERATION	491	471	496	310
MUMBAI DEMAND	2895	2898	2906	1916
OTHER DISCOM DEMAND	453	450	467	380
STATE DEMAND MET	27096	26297	24169	20461
STATE DEMAND	27096	26297	24169	20461
Frequency (Hz)	50.01	50.01	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.32 Hz at 00.01 Hrs	49.74 Hz at 06.12 Hrs	50	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/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.64	61.69	210	170
Unit 8	12.34	177.77	566	404
Unit 9	12.67	172.08	620	415
Unit 10	12.32	153.83	575	407
Total	41.98	565.37		
Bhusawal				
Unit 3	3.26	41.85	180	115
Unit 4	9.87	131.38	480	275
Unit 5	10.02	129.28	490	280
Total	23.14	302.51		
Parli				
Unit 6	4.52	57.78	236	147
Unit 7	3.03	27.26	234	0
Unit 8	3.24	46.49	160	111
Total	10.80	131.53		
Chandrapur				
Unit 3	3.50	44.91	168	125
Unit 4	2.76	37.62	134	110
Unit 5	0.00	76.31	0	0
Unit 6	8.40	108.84	415	274
Unit 7	0.00	0.00	0	0
Unit 8	10.70	143.59	500	285
Unit 9	10.71	61.39	475	368
Total	36.07	472.66		
Paras				
Unit 3	5.05	62.60	220	194
Unit 4	5.84	74.40	250	230
Total	10.89	137.00		
Khaparkheda				
Unit 1	0.00	26.03	0	0
Unit 2	2.90	35.44	135	110
Unit 3	3.58	47.44	182	127
Unit 4	3.71	36.38	182	129
Unit 5	10.44	137.40	475	305
Total	20.63	282.68		
Nasik				
Unit 3	3.52	46.72	180	117
Unit 4	0.00	2.54	0	0
Unit 5	3.30	34.21	174	112
Total	6.83	83.47		
Uran				
All Units	5.60	69.48	247	212
Total	5.60	69.48		
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	6.89	53	0
Total	0.46	6.89		
Koyna				
Stage 1-2	2.39	37.88	350	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	1.23	30.32	704	0
Stage 3	0.68	14.90	160	0
Total	4.30	83.10		
Hydro				
KDPH	0.86	9.66	36	36
VTRNA	0.44	6.01	60	0
TILLARI	0.46	4.77	58	0
BHIRA T.R.	0.22	3.70	40	0
SMLHY_PTN	2.22	31.65	100	88
GHATGHAR	0.00	4.64	0	0
Total	4.20	60.42		
Wind				
Total	17.85	126.56	0	0
Total	17.85	126.56		
CPP				
APML(Mus)	71.17	932.17	0	0
JSWEL(Mus)	18.06	234.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.16	386.73	0	0
SWPGPL-Mus	7.34	110.90	0	0
Dhariwal	0.00	18.40	0	0
IEPL	5.22	63.67	264	195
Other(Mus)	35.62	475.78	0	0
Total	168.58	2222.13		
SOLAR				
Total	16.79	199.10	0	0
Total	16.79	199.10		
Tata				
Trombay 5	7.16	14.69	369	255
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	14.81	96	36
Trombay 7B	0.96	12.39	61	34
TATA Hydro	3.36	56.16	345	3
Trombay 8	3.66	50.67	227	132
Total	16.28	148.72		
AEML				
DTPS U-1&2	9.62	123.79	497	306
Total	9.62	123.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.34	1975.23	MSPGCL Total	164.91	2195.11
			MSPGCL Thml+Gas	155.94	2044.70	Koyna 1,2 & 4 Total	3.62	68.20
			MSPGCL Hydro	8.97	150.41	State Total	394.03	5015.41

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	5079	169	244	5492	1539	6602	0	0	5868	6008	-1096	18165	0	18165	1916	380	20461	50.02
2	5028	164	246	5438	1523	6583	0	0	6160	6265	-1004	18460	0	18460	1805	345	20610	49.98
3	5038	165	243	5446	1468	6663	0	0	6177	6275	-919	18613	0	18613	1707	320	20640	50.00
4	4962	168	245	5375	1361	6538	0	0	6400	6517	-859	18606	0	18606	1651	326	20583	50.01
5	5189	288	247	5724	1253	6624	0	0	6512	6921	-873	19307	0	19307	1658	342	21307	50.00
6	5882	169	246	6297	1165	6763	0	0	6822	7028	-937	19944	0	19944	1790	372	22106	49.98
7	6494	495	242	7231	1229	7255	0	12	6623	6686	-990	21034	0	21034	1974	389	23397	49.98
8	6602	612	240	7454	1132	7411	0	312	7061	7135	-1108	21916	0	21916	2169	420	24505	50.06
9	6636	385	241	7262	921	7369	0	1007	7368	7618	-1268	22454	0	22454	2459	455	25368	50.13
10	6638	405	233	7276	814	7212	0	1636	7920	7918	-1403	23006	0	23006	2712	447	26165	50.02
11	6595	339	229	7163	687	7172	0	2046	8760	8792	-1659	23748	0	23748	2895	453	27096	50.01
12	6696	326	226	7248	483	7166	0	2184	8743	8775	-1779	23631	0	23631	2941	446	27018	50.00
13	6458	315	217	6990	337	6974	0	2292	8369	8547	-1741	22949	0	22949	2898	450	26297	50.01
14	6332	299	213	6844	235	6741	0	2209	8456	8471	-1836	22219	0	22219	2772	445	25436	50.04
15	6431	410	215	7056	255	6709	0	2027	8481	9016	-1873	22770	0	22770	2803	419	25993	49.97
16	6853	324	212	7389	239	7087	0	1636	8489	8605	-1846	22666	0	22666	2836	443	25946	49.97
17	6818	391	222	7431	230	7133	0	1043	8159	7619	-1701	21287	0	21287	2815	468	24570	49.95
18	6883	524	223	7630	223	7227	0	369	7510	7147	-1561	20565	0	20565	2827	470	23862	50.02
19	6825	691	228	7744	268	7387	0	14	6721	6483	-1455	19969	0	19969	2900	472	23341	49.94
20	6859	1392	235	8486	368	7377	0	0	6427	6373	-1341	20796	0	20796	2906	467	24169	49.97
21	6746	374	236	7356	500	7242	0	0	6526	6431	-1319	19755	0	19755	2724	455	22934	50.04
22	6436	191	240	6867	547	7053	0	0	6412	6308	-1345	18974	0	18974	2535	456	21965	50.01
23	6460	196	238	6894	494	7150	0	0	6136	6233	-1285	19055	0	19055	2383	431	21869	49.99
24	6398	174	241	6813	582	7139	0	0	6108	5744	-1234	18623	0	18623	2263	421	21307	49.94
MUs	150.34	8.97	5.60	164.91	17.85	168.58	0.00	16.79	172.21	172.91	-32.43	498.51	0.00	498.51	58.34	10.09	566.94	50.00

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/Feb/2023

Position as on 6.30 Hrs of 14/Feb/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	22/02/2023
IPP	Dhariwal	300	05/02/2023	00:00		Continued.	Annual Overhaul	22/02/2023
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	27/02/2023
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	28/02/2023
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		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	20/02/2023
IPP	JSW (J) U3	300	28/01/2023	06:38		Continued.	Non availability of load schedule	
MSPGCL	Nasik Unit 4	210	01/02/2023	19:24		Continued.	NASHIK TPS U#4 TOLLING FROM DATED 02.02.2023 at 03.43 A.M	
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	30/04/2023
MSPGCL	Parli Unit 7	250	10/02/2023	12:30	13/02/2023	03:18	REHEATER PROTECTION	13/02/2023
MSPGCL	Khaparkheda Unit 1	210	10/02/2023	23:57	14/02/2023	07:34	ID Fan Problem	14/02/2023

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

Statement-VII

Position as on 6.30 Hrs of 14/Feb/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 - TARAPUR CKT - 1	InterState	12/02/2023	21:04	13/02/2023	03:31	EO	1) Attending sparking black spot observed on B-ph CB Pad 2) Attending Hotspot on B-ph CB Pad, B-ph CT and C-bus Isolator 3) Replacement of B-ph CB damaged cable
PARLI (PG) - SOLAPUR(PG) CKT - 1	InterState	13/02/2023	09:09	13/02/2023	18:24	PO	Line terminal equipments AMP in Solapur Substation. Diameter to be kept open for testing.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	16/01/2023	11:34			HT	For load management
KHADKA-AURANGABAD (WALUJ)	IntraState	12/02/2023	20:32	13/02/2023	07:10	HT	H/T due to high voltage.
MAIN BUS - 2 @ TALANDGE	IntraState	13/02/2023	10:55	13/02/2023	18:40	PO	1. PID faulty string replacement work. 2. B ph Bus CVT replacement work
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	13/02/2023	11:21	13/02/2023	18:53	PO	(1) Reactor testing work. (2) Bay maintenance work.
EKTUNI - BABLESHWAR CKT - 1	IntraState	13/02/2023	12:29	13/02/2023	22:07	PO	CT Tan D, LBB Testing, Chemical cleaning of bay equipment , diagnostic testing and Quarterly maintenance Work
NAGOTHANE - DABHOL CKT - 1	IntraState	13/02/2023	14:44	13/02/2023	16:54	T	Tripped on Dist. Protection.
NAGOTHANE - DABHOL CKT - 2	IntraState	13/02/2023	14:47	13/02/2023	17:38	T	Tripped on Dist. Protection.
NEW KOYNA - STAGE IV CKT - 1	IntraState	14/02/2023	09:37			PO	Cold washing work
KHADKA-AURANGABAD (WALUJ)	IntraState	14/02/2023	10:43			PO	For CB mechanism and ONE pole O/H work by agency.
400 KV ICT Outages/Trippings							
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	13/02/2023	12:26	13/02/2023	19:58	PO	Annual fire protection system, CTR, maintenance work. Diagnostic testing work. Attending R phase unit oil leakage.
400 KV BR Outages/Trippings							
400 KV GT- 5 TIE BAY (421)	IntraState	13/02/2023	13:15			PO	For servicing & overhauling of 400kv AREVA make C.B. Mechanism
220 KV TBC Outages/Trippings							
BUS COUPLER @ MULUND	IntraState	13/02/2023	18:43	13/02/2023	19:31	T	Tripped due to Bus 2 R-ph PT Burst.
220 KV MAINBAY Outages/Trippings							
MAIN BUS @ WALCHANDNAGAR	IntraState	13/02/2023	13:50	13/02/2023	17:20	PO	BUSBAR RELAY TESTING WORK (ONLINE WORK)
220 KV LINE Outages/Trippings							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	14/02/2023	11:25			PO	Line maintenance work: At loc 42,43 pilot suspension clamp tightening work
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.
TROMBAY SALSETTE LINE-2	IntraState	12/02/2023	22:41	13/02/2023	03:17	PO	Customer funding Project Work Of 220KV line .Shifting of conductor of 220 KV Trombay Salette-2 line at Sajal Shati Project
TALANDGE - ICHALKARANJI 2	IntraState	13/02/2023	08:48	13/02/2023	20:11	PO	1) Hot spot attending work. 2) Faulty string insulator disc replacement work

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

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
TALANDGE - ICHALKARANJI 2	IntraState	13/02/2023	08:48	13/02/2023	20:11	PO	For Cold line cleaning of line insulators & replacement of faulty insulator string found critical in P.I.D
HINJAWADI I- CHINCHWAD	IntraState	13/02/2023	10:07	13/02/2023	17:29	PO	Annual Relay testing work & yearly bay maintenance work
220 KV JALNA - THAPTITANDA CKT - I	IntraState	13/02/2023	15:22	13/02/2023	22:38	HT	To Control TT ICT loading.
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.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	13/02/2023	16:01	14/02/2023	00:27	HT	H/T for load management.
TROMBAY - MULUND	IntraState	13/02/2023	18:43	13/02/2023	19:27	T	Tripped due to Rph PT Burst.
KALWA - MULUND 1	IntraState	13/02/2023	18:43	13/02/2023	19:09	T	Tripped due to R-ph PT Burst
MULUND - GIS BHANDUP	IntraState	13/02/2023	18:43	13/02/2023	19:32	T	Tripped due to Rph PT Burst.
KALWA - MULUND 2	IntraState	13/02/2023	18:43	13/02/2023	19:15	T	Tripped due to Rph PT Burst.
GHATGHAR - BAPGAON	IntraState	13/02/2023	19:26			T	Tripped on PDR at Ghatghar
PUSAD - WARDHA (PG)	IntraState	13/02/2023	21:47	13/02/2023	22:30	T	At Wardha PG end :-AR successful at Pusad end :- D/P OPTD,Z1,AR, OPTD,PDR OPTD, R-PH, 1.94KA, 53.2KMS.
MULUND - GIS BHANDUP	IntraState	14/02/2023	02:46	14/02/2023	03:30	HT	HT for Bus-2 work
KALWA - MULUND 2	IntraState	14/02/2023	02:48	14/02/2023	03:32	HT	HT for Bus-2 work
MIRAJ - ICHALKARANJI	IntraState	14/02/2023	08:32			PO	For cold line cleaning of line insulators
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
220/132 KV 100 MVA ICT 2 @ RANJANGAON	IntraState	12/02/2023	11:05	13/02/2023	18:50	PO	220kV A& B- Bus Isolator Maintenance work
220/33kV 50MVA TF-3 @ 5 STAR MIDC	IntraState	13/02/2023	08:15	13/02/2023	21:15	PO	For testing work, oil filtration work, chemical washing of insulators at 220 kV Five Star MIDC S/Stn.
220/33 KV 50 MVA PTR 2	IntraState	13/02/2023	10:04	13/02/2023	16:12	PO	C & Tan delta testing of TF & HVCT. Also TF winding resistance measurement will be carried out.
220/100 KV 200 MVA ICT 3 @ PADGHE	IntraState	14/02/2023	10:32			PO	1. FOR ATTENDING PROBLEM OF CTR & FDR 2. CHECKING HEALTHYNESS OF CTR 3. TAKING TRIL OF WTI & OTI. 4. ATTENDING HOTSPOT
220/132-110/11KV 200MVA ICT 3 @ MIRAJ	IntraState	14/02/2023	11:01			PO	Diagnostic testing & Quarterly maintenance work

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

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	13/02/2023	00:14	13/02/2023	03:58	PO	PROJECT WORK-Movement of jack up barge in the vicinity of line for positioning at proposed tower foundation location 80N in Vashi Creek.
KHOPOLI - BHOKARPADA	IntraState	13/02/2023	10:20	13/02/2023	14:45	PO	Routine Maintenance & Testing AT KHOPOLI

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