

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Feb/2023 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.828	1824.890	1) Gujrat	-3.328	-69.808
2) Hydro	6.865	141.441	2) Madhya Pradesh	2.173	57.797
3) Gas	5.687	63.874	3) Chattisgarh	4.600	55.060
Total MSPGCL	159.380	2030.205	4) Maharashtra	167.514	2121.460
B) 1) APLM	71.818	861.001	5) Goa (Amona)	-0.928	-16.966
2) JSWEL	17.648	216.415	Total	170.031	2147.543
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.934	364.205
4) RPL(AMT)	31.136	355.572	b) Mumbai Drawl	27.934	410.834
5) SWPGPL	7.330	103.561	c) MSEDCL Bilateral *	80.815	871.272
6) Other IPP	41.253	517.006	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.934	363.873
C) 1) TPCL Thermal	9.677	54.546	Include PX	0.000	0.000
2) TPCL Hydro	1.622	52.805	Standby	0.000	0.333
3) TPCL Gas	1.765	25.086	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.410	114.166	1) MSEDCL	493.151	5992.984
D) STATE			2) Mumbai Discoms	48.408	657.437
1) Thermal	333.100	4047.157	3) Other Discoms	9.308	118.503
(A1+C1+C4+(B1-B6))			TOTAL STATE	550.867	6768.924
2) Hydro (A2+C2)	8.487	194.246			
3) Gas (A3+B7+C3)	7.452	88.960			
4) Wind	15.349	108.709			
6) SOLAR	16.448	182.309			
TOTAL STATE	380.836	4621.381			

* 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 24 Hrs
MSPGCL Thermal	6587	6379	6356	4978
MSPGCL Hydro	359	337	397	205
MSPGCL Gas	229	229	236	241
MSPGCL Total Generation	7175	6945	6989	5424
Central Sector Receipt	8683	8198	6685	6334
WIND	285	222	828	1441
CPP / IPP Thermal	7156	7129	7269	6501
CPP / IPP Gas	0	0	0	0
SOLAR	2182	2262	0	0
Exchange with Mumbai	-1439	-1450	-1238	-1243
MSEDCL DEMAND MET	23639	22907	20100	18050
Load Shedding	0	0	0	0
MSEDCL DEMAND	23639	22907	20100	18050
TPCL GENERATION	512	506	714	485
AEML GENERATION	305	301	339	307
MUMBAI DEMAND	2256	2257	2291	2035
OTHER DISCOM DEMAND	403	399	433	407
STATE DEMAND MET	26298	25563	22824	20492
STATE DEMAND	26298	25563	22824	20492
Frequency (Hz)	50.05	50.16	50.01	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.37 Hz at 14:04 Hrs	49.84 Hz at 21:03 Hrs	50.05	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 12/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.57	57.04	210	160
Unit 8	13.36	165.43	640	400
Unit 9	12.68	159.41	602	452
Unit 10	12.94	141.50	605	413
Total	43.55	523.39		
Bhusawal				
Unit 3	3.07	38.60	155	115
Unit 4	9.32	121.52	490	280
Unit 5	9.62	119.26	470	280
Total	22.01	279.36		
Parli				
Unit 6	4.05	53.26	216	143
Unit 7	0.00	24.23	0	0
Unit 8	2.79	43.25	119	113
Total	6.84	120.74		
Chandrapur				
Unit 3	3.51	41.41	166	120
Unit 4	2.74	34.86	121	105
Unit 5	0.02	76.31	15	0
Unit 6	8.00	100.45	410	289
Unit 7	0.00	0.00	0	0
Unit 8	11.10	132.89	499	289
Unit 9	10.51	50.69	497	358
Total	35.88	436.60		
Paras				
Unit 3	5.21	57.55	228	207
Unit 4	5.84	68.56	250	232
Total	11.05	126.12		
Khaparkheda				
Unit 1	0.00	26.03	0	0
Unit 2	3.01	32.54	138	118
Unit 3	3.67	43.86	169	130
Unit 4	3.67	32.66	168	128
Unit 5	10.74	126.96	485	280
Total	21.08	262.05		
Nasik				
Unit 3	3.31	43.19	188	109
Unit 4	0.00	2.54	0	0
Unit 5	3.11	30.91	162	112
Total	6.41	76.64		
Uran				
All Units	5.69	63.87	249	221
Total	5.69	63.87		
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)	0.53	6.42	42	0
Total	0.53	6.42		
Koyna				
Stage 1-2	1.20	35.49	120	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.25	29.09	134	0
Stage 3	0.43	14.22	80	0
Total	1.88	78.80		
Hydro				
KDPH	0.86	8.79	36	36
VTRNA	0.45	5.57	60	0
TILLARI	0.46	4.31	58	0
BHIRA T.R.	0.26	3.48	77	0
SMLHY_PTN	2.42	29.43	106	93
GHATGHAR	0.00	4.64	0	0
Total	4.46	56.22		
Wind				
Total	15.35	108.71	0	0
Total	15.35	108.71		
CPP				
APML(Mus)	71.82	861.00	0	0
JSWEL(Mus)	17.65	216.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.14	355.57	0	0
SWPGPL-Mus	7.33	103.56	0	0
Dhariwal	0.00	18.40	0	0
IEPL	4.73	58.45	199	193
Other(Mus)	36.52	440.16	0	0
Total	169.18	2053.56		
SOLAR				
Total	16.45	182.31	0	0
Total	16.45	182.31		
Tata				
Trombay 5	6.47	7.54	272	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.91	13.65	41	36
Trombay 7B	0.85	11.43	37	33
TATA Hydro	1.62	52.80	236	3
Trombay 8	3.21	47.01	140	132
Total	13.06	132.44		
AEML				
DTPS U-1&2	7.41	114.17	340	289
Total	7.41	114.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.83	1824.89	MSPGCL Total	159.38	2030.20
			MSPGCL Thml+Gas	152.52	1888.76	Koyna 1,2 & 4 Total	1.44	64.58
			MSPGCL Hydro	6.86	141.44	State Total	380.84	4621.38

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	5922	212	241	6375	419	7045	0	0	6438	6602	-1107	18954	0	18954	1909	380	21243	50.01
2	6075	178	243	6496	501	7228	0	0	6549	6446	-979	19350	0	19350	1778	342	21470	50.04
3	6142	177	243	6562	589	7252	0	0	6488	6120	-875	19318	0	19318	1675	330	21323	50.04
4	6173	186	243	6602	642	7257	0	0	6431	6148	-842	19506	0	19506	1619	301	21426	50.02
5	6282	177	245	6704	789	7247	0	0	6690	6466	-834	20060	0	20060	1623	312	21995	50.01
6	6438	183	246	6867	797	7361	0	0	6841	6514	-876	20319	0	20319	1686	344	22349	50.02
7	6506	369	244	7119	826	7372	0	3	6437	6407	-805	20562	0	20562	1742	360	22664	50.02
8	6565	434	249	7248	713	7378	0	236	6694	6802	-878	21111	0	21111	1813	388	23312	50.04
9	6411	373	247	7031	524	7248	0	912	7289	7447	-1055	21704	0	21704	1952	403	24059	50.06
10	6592	503	239	7334	530	7291	0	1522	7589	7872	-1290	22857	0	22857	2102	402	25361	50.02
11	6667	437	237	7341	364	7290	0	2014	8440	8469	-1402	23668	0	23668	2211	408	26287	50.08
12	6587	359	229	7175	285	7156	0	2182	8629	8683	-1439	23639	0	23639	2256	403	26298	50.05
13	6379	337	229	6945	222	7129	0	2262	8104	8198	-1450	22907	0	22907	2257	399	25563	50.16
14	5802	320	227	6349	184	6814	0	2212	8059	8361	-1357	22187	0	22187	2168	376	24731	50.23
15	5731	301	221	6253	206	6590	0	2053	8178	8434	-1314	21830	0	21830	2143	392	24365	50.09
16	6189	295	223	6707	266	6695	0	1655	8131	8176	-1267	21836	0	21836	2118	396	24350	50.02
17	6323	293	225	6841	432	6884	0	1035	7737	7371	-1264	20898	0	20898	2113	401	23412	50.02
18	6245	250	231	6726	514	6992	0	360	7003	6942	-1156	19959	0	19959	2115	419	22493	50.07
19	6116	286	229	6631	677	7022	0	2	6509	6628	-1165	19372	0	19372	2195	423	21990	50.03
20	6356	397	236	6989	828	7269	0	0	6689	6685	-1238	20100	0	20100	2291	433	22824	50.01
21	5896	201	239	6336	1078	6992	0	0	6484	6201	-1339	18832	0	18832	2266	436	21534	50.03
22	5422	177	239	5838	1249	6615	0	0	6354	6245	-1423	18091	0	18091	2218	433	20742	50.01
23	5031	215	241	5487	1273	6557	0	0	6316	6480	-1336	18048	0	18048	2123	413	20584	50.02
24	4978	205	241	5424	1441	6501	0	0	6313	6334	-1243	18050	0	18050	2035	407	20492	50.08
MUs	146.83	6.86	5.69	159.38	15.35	169.19	0.00	16.45	170.39	170.03	-27.93	493.16	0.00	493.16	48.41	9.30	550.87	50.05

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 12/Feb/2023

Position as on 6.30 Hrs of 13/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	
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		Continued.	ID Fan Problem	12/02/2023

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 13/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							
TALANDGE - 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.
CHANDRAPUR - BHADRAVATI CKT - 1	InterState	11/02/2023	21:19	12/02/2023	00:05	T	Due to 400kv Aux bus Y ph string decapping , relay sense over voltage and tripped.
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
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	16/01/2023	11:34			HT	For load management
CHANDRAPUR - KHAPERKHEDA	IntraState	12/02/2023	09:20	12/02/2023	19:53	EO	On dt.- 11/02/2023 at 20:00 Hrs, while charging the 315MVA ICT-1 via TBC-1 CB on 400kV side, the Auxiliary bus alongwith ICT-1 istripped due to bursting disc insulator string of Aux. Bus. It is very necessary to attend the same on top priority. As the Auxiliary Bus is under brekdown and 315MVA ICT-1 is under OFF condition due to this problem. To execute work, it is very necessary to kept 400kV Chandrapur-Khaparkheda bay under outage/OFF condition, as the string replacement work has to be carry out under 400kV Chandrapur-Khaparkheda bay and spare bay section span.
LONIKAND 2 - KARJAT CKT - 1	IntraState	12/02/2023	09:25	12/02/2023	15:15	PO	Cold line washing of insulator strings
KHADKA-AURANGABAD (WALUJ)	IntraState	12/02/2023	20:32			HT	H/T due to high voltage.
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	11/02/2023	21:19	12/02/2023	16:22	T	Tripped due to auxillary bus string flashover while charging on TBC after planned outage.
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	12/02/2023	10:02	12/02/2023	19:55	EO	On dt.- 11/02/2023 at 20:00 Hrs, while executing the isolator operation of ICT-1 HV bay, the PG -2 R-ph Isolator (Main Bus- 2 isolator) was not operated properly. The coupling between scissor assembly and rotary insulatoris de coupled. It is very necessary to attend the same on top priority. As the 315MVA ICT-1 is under OFF condition due to this problem and can not taken in to service via TBC-1 CB due to failure of disc insulator string of Auxliliary Bus.
400 KV BUSBAR Outages/Trippings							
400 KV AUX BUS @ CHANDRAPUR	IntraState	11/02/2023	21:19	12/02/2023	19:55	T	400 KV AUX Bus Y PH String Decapping.
220 KV LINE Outages/Trippings							
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2023	17:54			HT	HT for Load Management

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 13/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	10/02/2023	09:45			PO	Breaker overhauling work.
TROMBAY SALSETTE LINE-2	IntraState	11/02/2023	22:43	12/02/2023	06:15	PO	Customer funding Project Work Of 220KV line .Shifting of conductor of 220 KV Trombay Salette-2 line at Sajal Shati Project
TROMBAY SALSETTE LINE-2	IntraState	11/02/2023	22:43	12/02/2023	06:15	PO	Customer funding Project Work Of 220KV line .Shifting of conductor of 220 KV Trombay Salette-2 line at Sajal Shati Project
BORIVALI - TARAPUR	IntraState	12/02/2023	06:40	12/02/2023	17:53	T	Tripped on distance protection
BOISAR II - BOISAR (PG) CKT - 2	IntraState	12/02/2023	07:44	12/02/2023	20:31	PO	Bay Maintenance Work & CB Maintenance Work after shifting the line on TBC.
BOISAR II - BOISAR (PG) CKT - 2	IntraState	12/02/2023	07:44	12/02/2023	20:31	PO	For safety purpose for the erection of NDX+33M tower at Loc no. 1 for DFCCIL work under EHV Project Dn, Kalyan.
SAHARA-URSE	IntraState	12/02/2023	11:09	12/02/2023	18:06	HT	H/T For load management of 220kV Urse-Talegaon PG Ckt2 outage.
URSE - TALEGAON (AMBI) CKT 2	IntraState	12/02/2023	12:16	12/02/2023	18:00	PO	1)DT, Relay testing & Half yearly Maintenance work to be carried out at 220kV Urse S/Stn. Cold line washing of insulators by TLU Chinchwad.
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
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			PO	220kV A& B- Bus Isolator Maintenance work
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
110 KV BUSBAR Outages/Trippings							
ZONE 1 (BUS SECTION 1+2+3) @ BHIVPURI	IntraState	11/02/2023	23:49	12/02/2023	05:28	PO	FOR DISCONNECTING UNIT-11 BREAKER JUMPERS

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