

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2023 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.691	1047.193	1) Gujrat	-7.304	-47.930
2) Hydro	13.772	73.377	2) Madhya Pradesh	5.702	37.223
3) Gas	4.995	39.047	3) Chattisgarh	4.680	32.110
Total MSPGCL	171.458	1159.617	4) Maharashtra	185.261	1244.633
B) 1) APML	73.127	488.184	5) Goa (Amona)	-1.620	-11.446
2) JSWEL	17.509	123.066	Total	186.719	1254.590
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.432	213.329
4) RPL(AMT)	30.147	214.643	b) Mumbai Drawl	34.894	244.399
5) SWPGPL	9.721	67.244	c) MSEDCL Bilateral *	65.682	506.221
6) Other IPP	41.255	310.081	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.418	213.224
C) 1) TPCL Thermal	4.063	27.241	Include PX	0.000	0.000
2) TPCL Hydro	5.020	30.392	Standby	0.013	0.105
3) TPCL Gas	2.224	15.012	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.942	67.129	1) MSEDCL	506.286	3476.080
D) STATE			2) Mumbai Discoms	56.143	384.173
1) Thermal	338.455	2344.781	3) Other Discoms	10.077	69.077
(A1+C1+C4+(B1-B6))			TOTAL STATE	572.506	3929.330
2) Hydro (A2+C2)	18.792	103.769			
3) Gas (A3+B7+C3)	7.219	54.059			
4) Wind	6.433	69.523			
6) SOLAR	14.888	102.608			
TOTAL STATE	385.787	2674.740			

* 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	6564	6440	6566	5649
MSPGCL Hydro	772	366	1781	239
MSPGCL Gas	236	228	141	245
MSPGCL Total Generation	7572	7034	8488	6133
Central Sector Receipt	9396	9096	6727	6994
WIND	200	82	127	369
CPP / IPP Thermal	7481	7274	7423	6672
CPP / IPP Gas	0	0	0	0
SOLAR	1834	2160	0	0
Exchange with Mumbai	-1829	-1870	-1317	-1383
MSEDCL DEMAND MET	24199	23324	21002	18407
Load Shedding	0	0	0	0
MSEDCL DEMAND	24199	23324	21002	18407
TPCL GENERATION	517	465	811	228
AEML GENERATION	500	500	500	303
MUMBAI DEMAND	2846	2835	2628	1914
OTHER DISCOM DEMAND	454	453	445	378
STATE DEMAND MET	27500	26611	24076	20699
STATE DEMAND	27500	26611	24076	20699
Frequency (Hz)	49.96	49.94	49.98	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 17.03 Hrs	49.68 Hz at 18.31 Hrs	49.97	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 07/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.99	33.96	210	195
Unit 8	14.10	95.69	602	552
Unit 9	14.13	94.18	602	572
Unit 10	13.17	76.31	600	490
Total	46.39	300.14		
Bhusawal				
Unit 3	3.27	21.94	170	105
Unit 4	10.45	69.16	490	280
Unit 5	10.66	66.82	490	275
Total	24.38	157.92		
Parli				
Unit 6	4.60	30.03	223	150
Unit 7	4.62	15.16	248	144
Unit 8	3.77	26.30	169	142
Total	13.00	71.49		
Chandrapur				
Unit 3	3.48	23.48	160	120
Unit 4	3.07	20.98	144	118
Unit 5	7.16	48.52	310	285
Unit 6	8.42	56.88	405	285
Unit 7	0.00	0.00	0	0
Unit 8	11.40	75.33	500	294
Unit 9	0.08	24.01	82	0
Total	33.62	249.20		
Paras				
Unit 3	5.46	31.27	239	218
Unit 4	5.86	39.52	250	238
Total	11.31	70.79		
Khaparkheda				
Unit 1	2.62	18.60	115	95
Unit 2	2.46	17.98	116	92
Unit 3	3.63	24.08	168	129
Unit 4	1.29	22.38	145	0
Unit 5	10.20	72.19	470	355
Total	20.21	155.24		
Nasik				
Unit 3	3.79	24.94	182	125
Unit 4	0.00	2.54	0	0
Unit 5	0.00	14.93	0	0
Total	3.79	42.40		
Uran				
All Units	5.00	39.05	251	139
Total	5.00	39.05		
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)	0.77	3.80	47	24
Total	0.77	3.80		
Koyna				
Stage 1-2	3.64	18.86	475	35

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.49	11.25	670	0
Stage 3	1.20	6.57	300	0
Total	7.33	36.69		
Hydro				
KDPH	0.86	4.47	36	36
VTRNA	0.47	3.38	60	0
TILLARI	0.46	2.09	58	0
BHIRA T.R.	0.30	1.90	77	0
SMLHY_PTN	2.60	16.52	114	102
GHATGHAR	0.96	4.52	125	0
Total	5.67	32.88		
Wind				
Total	6.43	69.52	0	0
Total	6.43	69.52		
CPP				
APML(Mus)	73.13	488.18	0	0
JSWEL(Mus)	17.51	123.07	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.15	214.64	0	0
SWPGPL-Mus	9.72	67.24	0	0
Dhariwal	0.00	18.40	0	0
IEPL	4.96	33.20	265	196
Other(Mus)	36.30	258.48	0	0
Total	171.76	1203.22		
SOLAR				
Total	14.89	102.61	0	0
Total	14.89	102.61		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	8.25	106	36
Trombay 7B	0.97	6.76	64	32
TATA Hydro	5.02	30.39	423	3
Trombay 8	4.06	27.24	224	133
Total	11.31	72.64		
AEML				
DTPS U-1&2	9.94	67.13	501	289
Total	9.94	67.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.69	1047.19	MSPGCL Total	171.46	1159.62
			MSPGCL Thml+Gas	157.69	1086.24	Koyna 1,2 & 4 Total	6.14	30.12
			MSPGCL Hydro	13.77	73.38	State Total	385.79	2674.74

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5649	239	245	6133	369	6672	0	0	7348	6994	-1383	18407	0	18407	1914	378	20699	49.85
2	5749	386	245	6380	462	6698	0	0	7210	7072	-1265	19001	0	19001	1797	346	21144	49.93
3	5968	241	245	6454	517	6818	0	0	7027	6771	-1162	19070	0	19070	1712	328	21110	49.94
4	5936	214	247	6397	466	6764	0	0	7005	6920	-1136	19086	0	19086	1655	325	21066	49.92
5	6271	209	245	6725	426	6998	0	0	7032	7296	-1144	19972	0	19972	1663	329	21964	49.94
6	6568	324	248	7140	496	7342	0	0	7049	7053	-1252	20411	0	20411	1798	368	22577	49.92
7	6655	820	247	7722	592	7417	0	2	7380	7082	-1271	21148	0	21148	1984	396	23528	49.93
8	6652	1501	247	8400	570	7382	0	187	7585	7587	-1123	22579	0	22579	2151	424	25154	49.93
9	6683	974	251	7908	440	7343	0	782	8303	8276	-1346	22957	0	22957	2419	445	25822	50.03
10	6678	748	237	7663	302	7408	0	1402	8849	9026	-1537	23815	0	23815	2657	449	26921	49.90
11	6564	772	236	7572	200	7481	0	1834	9329	9396	-1829	24199	0	24199	2846	454	27500	49.96
12	6521	608	233	7362	105	7427	0	2067	9555	9495	-1934	24081	0	24081	2891	441	27413	50.04
13	6440	366	228	7034	82	7274	0	2160	9120	9096	-1870	23324	0	23324	2835	453	26611	49.94
14	6158	341	229	6728	94	7019	0	2063	8920	8937	-1769	22631	0	22631	2700	441	25772	50.03
15	6178	499	224	6901	118	6962	0	1841	8970	9138	-1791	22730	0	22730	2736	439	25905	50.04
16	6375	446	224	7045	136	7197	0	1425	9276	9051	-1758	22629	0	22629	2742	467	25838	49.98
17	6488	347	171	7006	153	7112	0	874	9022	8946	-1595	22033	0	22033	2692	463	25188	50.03
18	6479	546	140	7165	154	7272	0	248	8216	8208	-1534	21036	0	21036	2655	477	24168	50.02
19	6531	1267	139	7937	137	7380	0	3	6965	6666	-1398	20259	0	20259	2651	466	23376	49.87
20	6566	1781	141	8488	127	7423	0	0	6706	6727	-1317	21002	0	21002	2628	445	24076	49.98
21	6512	352	143	7007	113	7383	0	0	6788	6907	-1301	19666	0	19666	2477	443	22586	50.00
22	6273	329	142	6744	105	7028	0	0	6494	6502	-1277	18657	0	18657	2330	445	21432	50.01
23	6360	235	143	6738	114	6996	0	0	6785	6827	-1467	18776	0	18776	2171	432	21379	49.98
24	6437	227	145	6809	155	6964	0	0	6819	6746	-1435	18832	0	18832	2039	407	21278	50.01
MUs	152.69	13.77	4.99	171.46	6.43	171.76	0.00	14.89	187.75	186.72	-34.89	506.30	0.00	506.30	56.14	10.06	572.51	49.97

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 07/Feb/2023

Position as on 6.30 Hrs of 08/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
TPC-G	Trombay 5	500	18/01/2023	01:10		Continued.	Annual Overhaul	15/02/2023
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	
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	07/02/2023
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	Nasik Unit 5	210	06/02/2023	16:55		Continued.	Boiler Tube Leakage	09/02/2023
MSPGCL	Chandrapur Unit 9	500	07/02/2023	00:26		Continued.	Boiler Tube Leakage	09/02/2023
MSPGCL	Khaparkhedda Unit 4	210	07/02/2023	09:56		Continued.	Boiler Tube Leakage	10/02/2023
MSPGCL	Koyna Unit 2	70	07/02/2023	15:30	07/02/2023	16:08	Due to Bus Section 1 tripped on ABB Protection.	
MSPGCL	Koyna Unit 1	70	07/02/2023	15:30	07/02/2023	16:05	Due to Bus Section 1 tripped on ABB Protection.	
MSPGCL	Koyna Unit 3	70	07/02/2023	15:30	07/02/2023	16:15	Due to Bus Section 1 tripped on ABB Protection.	
MSPGCL	Koyna Unit 4	70	07/02/2023	15:30	07/02/2023	17:25	Due to Bus Section 1 tripped on ABB Protection.	
MSPGCL	Uran Unit 6	108	07/02/2023	16:25		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	07/02/2023	21:58		Continued.	Bottom Ash Problem	10/02/2023

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 07/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Tripping							
Tie bay (705) of Ektuni ckt - 1 & Koradi - 3 ckt - 1 @ Akola - 2	IntraState	06/02/2023	09:17	07/02/2023	14:09	PO	CB Mechanism checking by OEM
400 KV MAINBAY Outages/Tripping							
MAIN BAY (419) OF STATION TF 4B@ DEEPNAGAR	IntraState	06/02/2023	15:01			PO	For servicing & overhauling of 400KV AREVA make STN-4B Main C.B. Mechanism
400 KV LINE Outages/Tripping							
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	16/01/2023	11:34			HT	For load management
JAIGAD - KARAD CKT - 2	IntraState	07/02/2023	09:12	07/02/2023	18:12	PO	For CT Diagnostic Testing & Routine maintenance work.
AKOLA - KHADKA (BHUSAWAL)	IntraState	07/02/2023	12:12	07/02/2023	18:35	PO	For String replacement work
PARLI-SOLAPUR (LAMBOTI)	IntraState	07/02/2023	12:14	07/02/2023	18:45	PO	String replacment work & Hardware Tightening & Fitting Work
NAGOTHANE - DABHOL CKT - 1	IntraState	07/02/2023	12:23	07/02/2023	20:49	EO	For emergency fixing of spacerS at loc. no. 304 & 305
BABHALESHWAR - PADGHE CKT - 2	IntraState	08/02/2023	06:02	08/02/2023	08:18	T	Distance Protection
400 KV ICT Outages/Tripping							
500 MVA 400/220 KV ICT - 2 @ CHANDRAPUR 2	IntraState	06/02/2023	09:17	07/02/2023	17:41	PO	For diagnostic testing and maintenance work of 400/220/33KV ICT-II
400/220/33KV 315MVA ICT - 2 @ LONIKAND	IntraState	06/02/2023	09:25	07/02/2023	17:12	PO	O/H & Servicing of 29A PG Isolator and replacement of PGI mechanism box work done. Load shifted on TBC
400/220/33 KV 500MVA ICT - 1 @ WARORA	IntraState	07/02/2023	11:14	07/02/2023	16:34	PO	Line CT, Sync CVT Tan delta, IR values & Routine maintenance and isolater maintenance work .
220 KV TBC Outages/Tripping							
BUS COUPLER @ MULUND	IntraState	07/02/2023	11:45			EO	CB Overhauling work due to SF6 gas leakage.
220 KV LINE Outages/Tripping							
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	04/02/2023	18:33			HT	For load management
EKLAHARE (OCR) - PADGHE	IntraState	05/02/2023	17:54			HT	HT for Load Management
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	06/02/2023	05:25			PO	1.Bunching at Loc No.329. 2.Erection - 4 Nos. Of Monopole and 1 No. Of Lattice Pole. 3.Stringing- 6 spans. 4.Dismantling - 3 Nos. Of lattice tower. 5.Destringing- 4 Spans
GHATGHAR - BAPGAON	IntraState	06/02/2023	05:41			PO	1.Bunching at Loc No.329. 2.Erection - 4 Nos. Of Monopole and 1 No. Of Lattice Pole. 3.Stringing- 6 spans. 4.Dismantling - 3 Nos. Of lattice tower. 5.Destringing- 4 Spans
BOISAR II - TARAPUR	IntraState	06/02/2023	10:32	07/02/2023	18:53	PO	Annual Maintenanceof the feeder equipments

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KALMESHWAR-PANDHURNA	IntraState	06/02/2023	15:26	07/02/2023	15:14	HT	On TBC due to C.B problem at Kalmeshwar end.
MIRAJ - ICHALKARANJI	IntraState	07/02/2023	09:23	07/02/2023	18:25	PO	For cold line cleaning of line insulators
POPHALI - KDPH	IntraState	07/02/2023	09:50	07/02/2023	18:20	EO	For replacement of damaged conductor at loc no.6B Yph, 11B bottom phase.
TOPWORTH - Vile - bhagad	IntraState	07/02/2023	10:05			PO	Cold washing of insulator string, outage tree cutting work and other line maintenance work
MAIN BUS - 1 @ VERSOVA	IntraState	07/02/2023	10:11	07/02/2023	17:52	PO	Annual Maintenance of Main Bus 1, Bus side isolator along with Bus Coupler.
BELEWADI - MUMEWADI LINE	IntraState	07/02/2023	10:47	07/02/2023	16:19	PO	For Quarterly & Annualy Maintenance of Bay Equipments
NAGOTHANE - WADKHAL (GIS) CKT-1	IntraState	07/02/2023	10:48	07/02/2023	18:45	PO	cold line Insulators cleaning & Tree pruning.
PADGHE - NALASOPARA	IntraState	07/02/2023	14:27	07/02/2023	15:43	T	TRIPPED ON DISTANCE PROTECTION
POPHLI PEDHMBE LINE- 1	IntraState	07/02/2023	15:30	07/02/2023	16:00	T	BUS SECTION -1TRIPPED DUE TO LBB OPERATED
MAIN BUS SECTION - 1 @ POPHALI	IntraState	07/02/2023	15:30	07/02/2023	16:00	T	TRIPPED DUE TO LBB OPERATED
KANDALGAON - KOYNA (POPHALI)	IntraState	07/02/2023	15:30	07/02/2023	16:12	T	BUS SECTION -1TRIPPED DUE TO LBB OPERATED
POPHALI - KDPH	IntraState	08/02/2023	08:40			PO	For replacement of damaged conductor at loc no. 12B Y ph KDPH side.
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 1 @ MAGARPATTA	IntraState	07/02/2023	09:50	07/02/2023	17:58	PO	Diagnostic Testing Work and routine maintenance.
220/33 KV 50 MVA PTR 2 @ KHARGHAR	IntraState	07/02/2023	10:05	07/02/2023	13:51	PO	For Diagnostic testing and Routine Maintenance work
220/132KV 200MVA ICT 5 @ EKLAHARE (OCR)	IntraState	07/02/2023	12:01	07/02/2023	15:43	EO	To attend red hot & HV-LV CB timing & CRM work
220/100 KV 200 MVA ICT 1 @ KOLSHET	IntraState	07/02/2023	12:45	07/02/2023	15:50	EO	Work for CTR operation, testing and is to be taken in service on priority. Agency has informed its availability for tomorrow.
220/132KV 200MVA ICT 4 @ EKLAHARE (OCR)	IntraState	07/02/2023	15:50	07/02/2023	17:59	PO	Work of conversion of single to twin conductor from LV bushing to LV CT
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	08/02/2023	09:31			PO	Anticorrosive Painting/ Chemical Resistance Coating Work by Agency

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