

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Feb/2023 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.944	1202.137	1) Gujrat	-5.004	-52.934
2) Hydro	14.310	87.687	2) Madhya Pradesh	5.380	42.603
3) Gas	3.403	42.450	3) Chattisgarh	4.980	37.090
Total MSPGCL	172.657	1332.274	4) Maharashtra	186.552	1431.185
B) 1) APLM	75.139	563.323	5) Goa (Amona)	-1.271	-12.717
2) JSWEL	19.140	142.206	Total	190.637	1445.227
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.323	243.652
4) RPL(AMT)	25.116	239.759	b) Mumbai Drawl	34.684	279.083
5) SWPGPL	7.308	74.552	c) MSEDCL Bilateral *	71.250	577.471
6) Other IPP	41.486	351.567	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.265	243.489
C) 1) TPCL Thermal	4.140	31.381	Include PX	0.000	0.000
2) TPCL Hydro	5.137	35.529	Standby	0.058	0.163
3) TPCL Gas	2.457	17.469	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.251	77.380	1) MSEDCL	507.846	3983.926
D) STATE			2) Mumbai Discoms	56.671	440.844
1) Thermal	337.524	2682.305	3) Other Discoms	10.335	79.412
(A1+C1+C4+(B1-B6))			TOTAL STATE	574.852	4504.182
2) Hydro (A2+C2)	19.447	123.216			
3) Gas (A3+B7+C3)	5.860	59.919			
4) Wind	5.875	75.398			
6) SOLAR	15.507	118.115			
TOTAL STATE	384.213	3058.953			

* 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	6651	6578	6579	6157
MSPGCL Hydro	851	358	1591	218
MSPGCL Gas	139	133	225	144
MSPGCL Total Generation	7641	7069	8395	6519
Central Sector Receipt	9995	9252	7161	6999
WIND	144	89	247	190
CPP / IPP Thermal	7083	7014	7158	6752
CPP / IPP Gas	0	0	0	0
SOLAR	1891	2171	0	0
Exchange with Mumbai	-1797	-1896	-1345	-1327
MSEDCL DEMAND MET	24471	23228	21168	18773
Load Shedding	0	0	0	0
MSEDCL DEMAND	24471	23228	21168	18773
TPCL GENERATION	555	491	827	224
AEML GENERATION	500	488	502	338
MUMBAI DEMAND	2852	2875	2674	1889
OTHER DISCOM DEMAND	486	471	447	360
STATE DEMAND MET	27809	26574	24290	21022
STATE DEMAND	27809	26574	24290	21022
Frequency (Hz)	49.99	49.99	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.27 Hz at 17.02 Hrs	49.67 Hz at 07.13 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 08/Feb/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.56	38.52	205	155
Unit 8	13.60	109.29	628	472
Unit 9	14.30	108.49	622	554
Unit 10	13.00	89.31	577	501
Total	45.47	345.61		
Bhusawal				
Unit 3	3.44	25.38	175	115
Unit 4	10.89	80.06	490	405
Unit 5	10.88	77.70	475	435
Total	25.21	183.14		
Parli				
Unit 6	4.86	34.89	235	144
Unit 7	4.43	19.59	220	151
Unit 8	4.09	30.39	191	144
Total	13.38	84.87		
Chandrapur				
Unit 3	3.54	27.01	165	120
Unit 4	2.82	23.80	127	110
Unit 5	7.02	55.54	305	276
Unit 6	8.84	65.72	415	290
Unit 7	0.00	0.00	0	0
Unit 8	11.68	87.02	496	477
Unit 9	0.00	24.01	0	0
Total	33.90	283.10		
Paras				
Unit 3	5.34	36.60	234	206
Unit 4	5.75	45.27	250	228
Total	11.09	81.88		
Khaparkheda				
Unit 1	2.44	21.04	115	85
Unit 2	2.87	20.84	130	112
Unit 3	3.98	28.06	181	128
Unit 4	0.00	22.38	0	0
Unit 5	10.90	83.09	480	400
Total	20.19	175.42		
Nasik				
Unit 3	3.72	28.66	181	116
Unit 4	0.00	2.54	0	0
Unit 5	1.99	16.92	171	0
Total	5.71	48.12		
Uran				
All Units	3.40	42.45	225	32
Total	3.40	42.45		
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)	0.88	4.68	53	0
Total	0.88	4.68		
Koyna				
Stage 1-2	3.14	22.00	470	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	3.79	15.04	754	0
Stage 3	1.66	8.23	320	0
Total	8.59	45.28		
Hydro				
KDPH	0.86	5.34	36	36
VTRNA	0.39	3.78	60	0
TILLARI	0.46	2.55	58	0
BHIRA T.R.	0.32	2.22	80	0
SMLHY_PTN	2.69	19.21	115	106
GHATGHAR	0.11	4.64	56	0
Total	4.84	37.73		
Wind				
Total	5.88	75.40	0	0
Total	5.88	75.40		
CPP				
APML(Mus)	75.14	563.32	0	0
JSWEL(Mus)	19.14	142.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.12	239.76	0	0
SWPGPL-Mus	7.31	74.55	0	0
Dhariwal	0.00	18.40	0	0
IEPL	5.04	38.24	263	195
Other(Mus)	36.45	294.93	0	0
Total	168.19	1371.41		
SOLAR				
Total	15.51	118.12	0	0
Total	15.51	118.12		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	9.62	107	43
Trombay 7B	1.08	7.84	65	38
TATA Hydro	5.14	35.53	439	2
Trombay 8	4.14	31.38	227	131
Total	11.73	84.38		
AEML				
DTPS U-1&2	10.25	77.38	502	295
Total	10.25	77.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.94	1202.14	MSPGCL Total	172.66	1332.27
			MSPGCL Thml+Gas	158.35	1244.59	Koyna 1,2 & 4 Total	6.93	37.05
			MSPGCL Hydro	14.31	87.69	State Total	384.21	3058.95

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	6157	218	144	6519	190	6752	0	0	7094	6999	-1327	18773	0	18773	1889	360	21022	49.96
2	6140	212	145	6497	220	6816	0	0	7235	7077	-1224	19043	0	19043	1753	343	21139	49.99
3	6113	214	144	6471	287	6709	0	0	7187	7216	-1144	19199	0	19199	1673	340	21212	49.97
4	6102	220	146	6468	326	6704	0	0	7151	7213	-1095	19285	0	19285	1613	330	21229	49.99
5	6422	240	144	6806	303	6844	0	0	7103	7271	-1101	19781	0	19781	1626	342	21749	49.99
6	6528	709	146	7383	357	7055	0	0	7311	7264	-1221	20451	0	20451	1770	387	22608	49.98
7	6475	1385	141	8001	487	7076	0	6	7377	7350	-1082	21428	0	21428	1993	409	23831	49.91
8	6497	1723	145	8365	461	7204	0	185	7753	7714	-1061	22433	0	22433	2159	435	25027	49.89
9	6513	1260	146	7919	227	7238	0	812	8417	8617	-1279	23073	0	23073	2441	461	25975	50.03
10	6505	961	143	7609	199	7156	0	1422	9048	9497	-1506	23927	0	23927	2669	450	27046	50.00
11	6651	851	139	7641	144	7083	0	1891	9712	9995	-1797	24471	0	24471	2852	486	27809	49.99
12	6680	544	139	7363	132	7081	0	2046	9781	9787	-1882	24053	0	24053	2892	474	27419	50.00
13	6578	358	133	7069	89	7014	0	2171	9245	9252	-1896	23228	0	23228	2875	471	26574	49.99
14	6375	358	134	6867	94	6915	0	2125	8895	8852	-1805	22594	0	22594	2743	455	25791	50.05
15	6414	357	133	6904	100	6921	0	1935	9126	9262	-1839	22830	0	22830	2776	453	26059	49.96
16	6620	324	135	7079	108	6951	0	1561	9464	9168	-1831	22562	0	22562	2814	474	25850	49.99
17	6588	300	138	7026	120	6955	0	977	9112	8918	-1677	21849	0	21849	2777	470	25096	50.01
18	6589	257	211	7057	152	7032	0	364	8326	8108	-1552	20694	0	20694	2728	468	23889	50.00
19	6582	889	223	7694	179	7171	0	12	7057	7082	-1412	20245	0	20245	2712	481	23438	49.94
20	6579	1591	225	8395	247	7158	0	0	6918	7161	-1345	21168	0	21168	2674	447	24290	50.01
21	6589	516	204	7309	278	7133	0	0	6742	6834	-1304	19782	0	19782	2533	468	22783	50.02
22	6294	410	54	6758	297	7034	0	0	6550	6889	-1297	19221	0	19221	2377	460	22058	50.02
23	6548	218	59	6825	389	7076	0	0	6643	6726	-1525	19047	0	19047	2239	444	21730	50.01
24	6405	191	32	6628	489	7110	0	0	6609	6389	-1482	18725	0	18725	2091	409	21225	50.01
MUs	154.94	14.31	3.40	172.66	5.87	168.19	0.00	15.51	189.86	190.64	-34.68	507.86	0.00	507.86	56.67	10.32	574.85	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 08/Feb/2023

Position as on 6.30 Hrs of 09/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 U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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	08/02/2023	10:02	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	Uran Unit 6	108	07/02/2023	16:25	08/02/2023	17:11	Gas shortage	
IPP	RPL(AMT) U-5	270	07/02/2023	21:58		Continued.	Bottom Ash Problem	10/02/2023
MSPGCL	Ghatghar Unit-2	125	08/02/2023	07:02		Continued.	Stator Earth Fault	09/02/2023
MSPGCL	Parli Unit 7	250	09/02/2023	05:42		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 09/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/Trippings							
TIE BAY - 705 OF EKTUNI-AKOLA II ckt-1 @ EKTUNI	IntraState	08/02/2023	10:31	08/02/2023	15:17	PO	Diagnostic Testing & Routine Maintenance
765 KV MAINBAY Outages/Trippings							
MAIN BAY (710) OF 1500MVA ICT 1@ 765KV EKTUNI	IntraState	08/02/2023	16:01	08/02/2023	17:54	PO	Diagnostic Testing & Routine Maintenance
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-1 @ KORADI 3	IntraState	09/02/2023	09:12			PO	For ICT changeover Activity as per CEA guideline Spare Ph. ICT taken into service in place of R-Ph.
400 KV MAINBAY Outages/Trippings							
MAIN BAY (419) OF STATION TF 4B@ DEEPNAGAR	IntraState	06/02/2023	15:01	08/02/2023	20:42	PO	For servicing & overhauling of 400kV AREVA make STN-4B Main C.B. Mechanism
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.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	16/01/2023	11:34			HT	For load management
BABHALESHWAR - PADGHE CKT - 2	IntraState	08/02/2023	06:02	08/02/2023	08:18	T	Distance Protection
KHADKA - BABLESHWAR	IntraState	08/02/2023	11:10	08/02/2023	18:19	PO	Replacement of faulty disc insulators strings found during Monkey Patrolling and PID Testing.
NAGOTHANE - DABHOL CKT - 2	IntraState	08/02/2023	11:13	08/02/2023	15:13	EO	Emergency outage for attending hot spot on Rphase C isolator towards CT Clamp
KHADKA-AURANGABAD (WALUJ)	IntraState	09/02/2023	06:51			PO	Replacement of faulty disc insulator strings found during Monkey Patrolling and PID Testing.
LONIKAND I - KOYNA STAGE-IV	IntraState	09/02/2023	08:35			PO	PID Faulty disc insulator replacement work & Cold line washing work
400 KV ICT Outages/Trippings							
400/220kV 105 MVA SPARE ICT @ NEW KOYNA	IntraState	08/02/2023	10:12	08/02/2023	18:02	PO	Bus Insulator replacement work on C Bus at section Spare ICT bay & Routine maint. Work etc.
400/220/33 KV 315 MVA ICT - 1 @ CHANDRAPUR	IntraState	08/02/2023	10:18	08/02/2023	20:20	PO	After shifting on 220KV TBC Bay, servicing and overhauling of operating mechanism of 220KV Side CGL make Main breaker of ICT 1 will be carried out and suitable required testing of Main CB will be done..
400/220/33 KV 500MVA ICT - 2 @ KHAPARKHEDA	IntraState	08/02/2023	10:46	08/02/2023	18:51	PO	Routine Maintenance Work
220 KV TIEBAY Outages/Trippings							
TBC @ MAGARPATTA	IntraState	09/02/2023	09:00			PO	Diagnostic Testing work and routine Maintenance.
220 KV TBC Outages/Trippings							
BUS COUPLER @ MULUND	IntraState	07/02/2023	11:45			EO	CB Overhauling work due to SF6 gas leakage.
BUS COUPLER @ PHURSUNGI	IntraState	08/02/2023	11:08	08/02/2023	12:31		Half Yearly Maintenance Worl

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV LINE Outages/Trippings							
JEUR - SOLAPUR PG	InterState	08/02/2023	11:02	08/02/2023	18:17	PO	Outage is required for Quarterly Maintenance
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
POPHALI - KDPH	IntraState	08/02/2023	08:40	08/02/2023	20:20	PO	For replacement of damaged conductor at loc no. 12B Y ph KDPH side.
URAN - APTA CKT - 1	IntraState	08/02/2023	09:16	08/02/2023	19:12	PO	For disc insulator string replacement work & Diagnostic testing and bay maint's work.
VERSOVA - GORAI	IntraState	08/02/2023	09:45	08/02/2023	17:44	PO	ANNUAL MAINTENANCE OF CIRCUIT BREAKER
MAIN BUS @ JEUR	IntraState	08/02/2023	11:15	08/02/2023	17:32	PO	Outage is required for Quarterly Maintenance
KANDALGAON - BHIRA	IntraState	08/02/2023	11:22	08/02/2023	18:55	PO	Outage tree cutting work and other line maintenance work.
CHITEGAON- CHITEPIMPALGAON (PG) CKT - 1	IntraState	08/02/2023	11:28	08/02/2023	12:25	PO	220kV CB timing & CRM measurement to be carried out.
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	09/02/2023	02:50	09/02/2023	06:27	EO	Foremergency outage on 220 KvBabhaleshwar NASIK Ckt 2 (DC LINE) for replacement of the burned jumper nut bolts due to hot spot (there is no hot spot temperature on this loc) at loc no 147 cut point detected in monkey patrolling of the line , outage on 07.02.2023 from 03.00 hrs. to 05.00 hrs.
URAN - APTA 3	IntraState	09/02/2023	09:06			PO	For disc insulator string replacement work & Diagnostic testing and bay maint's work.
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
220/100 KV 125 MVA ICT 2 @ JAMBHUL	IntraState	08/02/2023	09:31	08/02/2023	16:48	PO	Anticorrosive Painting/ Chemical Resistance Coating Work by Agency
220/132KV 100MVA ICT 3 @ PANDHARPUR	IntraState	08/02/2023	10:55	08/02/2023	16:30	PO	Outage is required for Quarterly Maintenance
220 KV BUSBAR Outages/Trippings							
MAIN BUS - 2 @ URAN	IntraState	08/02/2023	10:55	08/02/2023	17:30	PO	For MAIN BUS 2 insulator string replacement work.
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2023

Statement-VII

Position as on 6.30 Hrs of 09/Feb/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
WAGHIVALI - MANKHURD	IntraState	09/02/2023	00:06	09/02/2023	04:27	PO	Work in vicinity of new tower erection.
BHIRA (T) - DAVDI	IntraState	09/02/2023	09:30			PO	Jumper connection to bus 1 of bus section breaker

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