

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.373	1316.716	1) Gujrat	4.861	29.990
2) Hydro	6.144	72.401	2) Madhya Pradesh	5.920	30.664
3) Gas	4.046	34.563	3) Chattisgarh	4.190	29.570
Total MSPGCL	149.563	1423.680	4) Maharashtra	152.305	1273.202
B) 1) APML	72.740	524.554	5) Goa (Amona)	-1.682	-10.200
2) JSWEL	23.243	203.131	Total	165.594	1353.226
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.048	236.362
4) RPL(AMT)	26.634	232.781	b) Mumbai Drawl	37.534	290.573
5) SWPGPL	9.500	79.364	c) MSEDCL Bilateral *	80.266	690.121
6) Other IPP	36.382	344.489	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.048	236.362
C) 1) TPCL Thermal	10.365	88.921	Include PX	0.000	0.000
2) TPCL Hydro	2.142	21.266	Standby	0.000	0.000
3) TPCL Gas	2.556	19.380	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.244	88.518	1) MSEDCL	461.249	4003.473
D) STATE			2) Mumbai Discoms	62.841	508.658
1) Thermal	328.481	2878.474	3) Other Discoms	10.135	80.162
(A1+C1+C4+(B1-B6))			TOTAL STATE	534.225	4592.293
2) Hydro (A2+C2)	8.286	93.667			
3) Gas (A3+B7+C3)	6.602	53.943			
4) Wind	10.129	107.653			
6) SOLAR	15.133	105.330			
TOTAL STATE	368.631	3239.067			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5626	5578	6619	5432
MSPGCL Hydro	228	298	384	154
MSPGCL Gas	204	116	117	215
MSPGCL Total Generation	6058	5992	7120	5801
Central Sector Receipt	8396	9306	7115	4960
WIND	374	183	355	706
CPP / IPP Thermal	6797	6495	7410	6531
CPP / IPP Gas	0	0	0	0
SOLAR	1899	1718	0	0
Exchange with Mumbai	-1787	-2083	-1648	-1170
MSEDCL DEMAND MET	21270	21160	19897	16492
Load Shedding	0	0	0	0
MSEDCL DEMAND	21270	21160	19897	16492
TPCL GENERATION	808	617	734	512
AEML GENERATION	449	364	475	448
MUMBAI DEMAND	3044	3064	2857	2130
OTHER DISCOM DEMAND	467	451	455	336
STATE DEMAND MET	24781	24675	23209	18958
STATE DEMAND	24781	24675	23209	18958
Frequency (Hz)	49.99	50.08	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.36 Hz at 06.03 Hrs	49.8 Hz at 21.07 Hrs	50.02	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/Mar/2023

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.14	36.41	210	130
Unit 8	10.92	103.45	639	366
Unit 9	10.91	103.00	614	376
Unit 10	10.28	96.90	558	371
Total	36.25	339.76		
Bhusawal				
Unit 3	2.98	26.62	150	120
Unit 4	6.98	74.93	350	275
Unit 5	6.94	80.32	345	275
Total	16.90	181.86		
Parli				
Unit 6	3.61	36.11	158	143
Unit 7	3.52	36.09	155	140
Unit 8	3.10	26.67	134	123
Total	10.23	98.86		
Chandrapur				
Unit 3	3.03	28.80	130	122
Unit 4	2.94	25.79	131	120
Unit 5	6.86	18.20	305	279
Unit 6	6.95	68.28	305	277
Unit 7	7.08	65.14	305	267
Unit 8	6.82	83.45	359	258
Unit 9	8.37	85.55	391	319
Total	42.05	375.22		
Paras				
Unit 3	4.21	37.69	218	138
Unit 4	4.52	40.95	239	139
Total	8.72	78.64		
Khaparkheda				
Unit 1	2.76	22.72	120	110
Unit 2	2.96	25.00	135	112
Unit 3	3.26	30.85	152	130
Unit 4	3.14	30.16	154	124
Unit 5	7.32	78.49	455	278
Total	19.44	187.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.00	27.94	135	115
Unit 5	2.77	27.21	120	110
Total	5.76	55.16		
Uran				
All Units	4.05	34.56	220	116
Total	4.05	34.56		
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)	0.07	1.15	40	0
Total	0.07	1.15		
Koyna				
Stage 1-2	1.52	18.94	305	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	0.00	13.09	0	0
Stage 3	0.50	6.98	80	0
Total	2.02	39.01		
Hydro				
KDPH	0.86	6.46	36	36
VTRNA	1.13	8.00	61	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.07	1.11	40	0
SMLHY_PTN	1.99	16.37	89	77
GHATGHAR	0.00	0.00	0	0
Total	4.06	32.24		
Wind				
Total	10.13	107.65	0	0
Total	10.13	107.65		
CPP				
APML(Mus)	72.74	524.55	0	0
JSWEL(Mus)	23.24	203.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	26.63	232.78	0	0
SWPGPL-Mus	9.50	79.36	0	0
Dhariwal	5.03	47.47	249	178
IEPL	3.80	41.72	196	149
Other(Mus)	27.54	255.30	0	0
Total	168.50	1384.32		
SOLAR				
Total	15.13	105.33	0	0
Total	15.13	105.33		
Tata				
Trombay 5	6.98	58.60	378	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.46	11.44	107	38
Trombay 7B	1.10	7.94	65	35
TATA Hydro	2.14	21.27	244	8
Trombay 8	3.38	30.32	176	130
Total	15.06	129.57		
AEML				
DTPS U-1&2	10.24	88.52	494	300
Total	10.24	88.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.37	1316.72	MSPGCL Total	149.56	1423.68
			MSPGCL Thml+Gas	143.42	1351.28	Koyna 1,2 & 4 Total	1.52	32.03
			MSPGCL Hydro	6.14	72.40	State Total	368.63	3239.07

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	5680	213	214	6107	700	6648	0	0	5265	4593	-1296	16388	0	16388	2287	364	19039	50.00
2	5432	154	215	5801	706	6531	0	0	5140	4960	-1170	16492	0	16492	2130	336	18958	49.98
3	5432	154	216	5802	666	6617	0	0	5084	5006	-1081	16677	0	16677	2036	333	19046	50.00
4	5427	153	216	5796	609	6718	0	0	5092	5031	-1064	16767	0	16767	1941	323	19031	49.96
5	5629	154	217	6000	537	7368	0	0	5075	5301	-1045	17821	0	17821	1920	340	20081	49.99
6	5941	161	217	6319	526	7486	0	0	5123	5464	-1043	18388	0	18388	2018	364	20770	50.01
7	6486	287	219	6992	522	7492	0	38	5771	5825	-1176	19307	0	19307	2143	386	21836	50.07
8	6338	334	220	6892	520	7444	0	288	6624	6701	-1301	20114	0	20114	2306	430	22850	50.09
9	5712	295	213	6220	352	7281	0	925	7361	7377	-1538	20165	0	20165	2566	452	23183	50.09
10	5569	275	218	6062	338	6981	0	1466	7641	7456	-1499	20337	0	20337	2832	467	23636	50.03
11	5626	228	204	6058	374	6797	0	1899	8369	8396	-1787	21270	0	21270	3044	467	24781	49.99
12	5488	235	198	5921	317	6526	0	2046	8615	8401	-1865	20892	0	20892	3136	454	24482	49.96
13	5399	218	176	5793	259	6132	0	2199	8636	8842	-1855	20913	0	20913	3114	457	24484	49.97
14	5401	357	126	5884	207	5643	0	2103	8581	8844	-1830	20403	0	20403	3036	448	23887	50.02
15	5578	298	116	5992	183	6495	0	1718	8816	9306	-2083	21160	0	21160	3064	451	24675	50.08
16	5666	224	117	6007	197	7182	0	1301	8626	8710	-2155	20780	0	20780	3101	462	24343	50.09
17	6002	222	116	6340	365	7292	0	842	8161	7767	-2127	20013	0	20013	3057	466	23536	50.07
18	5723	490	117	6330	274	7238	0	295	7521	7826	-1949	19545	0	19545	2971	469	22985	50.03
19	6060	284	118	6462	286	7328	0	13	7111	7684	-1805	19501	0	19501	2882	467	22850	49.98
20	6619	384	117	7120	355	7410	0	0	7533	7115	-1648	19897	0	19897	2857	455	23209	50.00
21	6043	307	116	6466	361	7392	0	0	6817	6702	-1639	18823	0	18823	2729	459	22011	49.99
22	5884	267	120	6271	422	7453	0	0	6676	6449	-1579	18565	0	18565	2615	451	21631	50.00
23	6193	225	120	6538	495	7493	0	0	6601	6006	-1552	18561	0	18561	2542	419	21522	49.98
24	6045	225	120	6390	558	7552	0	0	6363	5832	-1447	18473	0	18473	2514	412	21399	49.99
MUs	139.37	6.14	4.05	149.56	10.13	168.50	0.00	15.13	166.60	165.59	-37.53	461.25	0.00	461.25	62.84	10.13	534.22	50.02

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/Mar/2023

Position as on 6.30 Hrs of 09/Mar/2023

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Uran Unit 6	108	08/03/2023	13:13		Continued.	zero schedule by msedcl	
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	Nasik Unit 3	210	25/02/2023	12:00		Continued.	boiler tube leakage (under tooling from dtd-27.2.2023 @ 16:00 hrs	
IPP	JSW (J) U1	300	09/03/2023	00:14		Continued.	Generator Protection operated	11/03/2023
MSPGCL	Parli Unit 7	250	09/03/2023	01:16	09/03/2023	05:05	tripped	

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

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV TBC Outages/Tripping							
POLE-2 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	08/03/2023	16:15			EO	To attend 1 nos Hotspot
500 KV LINE Outages/Tripping							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	07/03/2023	18:32	08/03/2023	07:11	EO	For Replacement of 3 nos fan in Pole-2 R-ph and 1 nos fan in Pole-2 B-ph and 4 nos MCB replacement work.
400 KV LR Outages/Tripping							
400KV AKOLA-BHUSAWAL (Bhusawal end)	IntraState	06/03/2023	19:28	08/03/2023	15:17	T	Tripped from Akola end only. AR success at Khadka end
400 KV LINE Outages/Tripping							
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	20/02/2023	15:36			HT	HAND TRIPPED FOR LOAD MANAGEMENT
KHADKA-AURANGABAD (WALUJ)	IntraState	06/03/2023	19:23	08/03/2023	07:17	HT	For Overvoltage control
KHADKA-AURANGABAD (WALUJ)	IntraState	08/03/2023	20:56	09/03/2023	06:33	HT	Over Voltage.
400 KV ICT Outages/Tripping							
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.
400/220/33 KV 500MVA ICT - 2 @ DEEPNAGAR	IntraState	08/03/2023	10:52			PO	for replacement of 36 kV HV Neutral bushing (Tertiary) of 2 B ₂ ph. unit of 400/220kV ICT-2 from external agency as detected oil leakage
220 KV MAINBAY Outages/Tripping							
MAIN BUS - 1 @ NEW KOYNA	IntraState	08/03/2023	11:15			PO	A) Bus isolator Routine maint. Works following bay will be transfer on A Bus by TBC Shifting 1) 220KV side ICT-II 2) 220KV Pophali 3) 220KV Lote 4) 220KV side 25 MVA T/F-I B) Jumper works for ICT-3 New Bay
220 KV LINE Outages/Tripping							
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)
BOISAR - VERSOVA	IntraState	13/02/2023	15:28			PO	1) Modification / relocation of existing tower no LS 216 to 223 at Vasai for NHSRCL 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 NHSRCL Project. 2) Modification / relocation of existing tower no LS 223 to 226 at Vasai for DFCCIL project.
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.

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

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2023

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PARGAON(KATHAPUR)-LONIKAND	IntraState	07/03/2023	23:52	08/03/2023	19:07	T	Line tripped on R-ph-Earth, Kathapur end, 3.9 k Amp, String Flash over at Loc no-3
GHATGHAR - BAPGAON	IntraState	08/03/2023	03:57	08/03/2023	04:32	T	Tripped on Y-Ph -Earth, from Ghatghar end only 4.96 kAmp
EKLAHARE (GCR) - GHATGHAR	IntraState	08/03/2023	05:47	08/03/2023	06:02	T	Tripped at Ghatghar end only
WASHALA - GHATGHAR	IntraState	08/03/2023	09:35	08/03/2023	18:55	PO	For flashover insulator replacement & cold washing work.
KALMESHWAR-PANDHURNA	IntraState	08/03/2023	09:45	08/03/2023	18:08	PO	Routine Maint. Work
KALMESHWAR-PANDHURNA	IntraState	08/03/2023	09:45	08/03/2023	18:08	PO	FOR RESAGGING WORK OF CONDUCTOR TO MAINTAIN PROPER CLEARANCE & LINE MAINTENANCE WORK
GHATGHAR - JINDAL	IntraState	08/03/2023	09:53	08/03/2023	19:05	PO	For flashover insulator replacement and cold washing.
HINJAWADI I- CHINCHWAD	IntraState	08/03/2023	11:21	08/03/2023	15:46	PO	Conversion Of SSN To DSN of strings
BABHALESHWAR - DEOGAON RANGARI	IntraState	08/03/2023	11:29	08/03/2023	13:20	EO	Flashover string replacement loc 64 R ph
BABHALESHWAR - DEOGAON RANGARI	IntraState	08/03/2023	11:29	08/03/2023	13:20	PO	To replaced flash over string.
EKLAHARE (GCR) - GHATGHAR	IntraState	08/03/2023	16:18	08/03/2023	16:05	T	Tripped at Ghatghar end only
MIRAJ - ICHALKARANJI	IntraState	08/03/2023	16:56	08/03/2023	20:11	PO	for making bunching arrangement between ckt-I & II of 220KV Miraj-Tilwani line at Loc No. 24 & 28 for erection of Loc no. 26A (D3), 27A(MAN+9) & 28A (SPND+3) for Jaysingpur Kurunwad link
AURANGABAD (WALUJ)-BHENDA	IntraState	08/03/2023	17:49	08/03/2023	19:30	PO	For Annual Diagnostic Testing work.
BABLESHWAR -BHENDA	IntraState	08/03/2023	19:30	08/03/2023	20:40	PO	For Annual Diagnostic Testing work
GHATGHAR - BAPGAON	IntraState	09/03/2023	02:00	09/03/2023	04:09	T	Tripped from Ghatghar end
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
PT - 2 @ PARVATI	IntraState	08/03/2023	10:55	08/03/2023	13:20	PO	Half Yearly Maintenance and PT Tan Delta
PT - 1 @ PARVATI	IntraState	08/03/2023	13:55	08/03/2023	15:06		Half Yearly maintenance and PT tan Delta
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	08/03/2023	22:30	09/03/2023	00:20	PO	PROJECT WORK-MOVEMENT OF JACK UP BARGE IN VICINITY
100 KV LINE Outages/Trippings							
SHAHAPUR - BHATSA	IntraState	05/03/2023	14:24			PO	1. Restoration of the line from ERS system to newly erected tower between Pillar No.10-1 1.of 100KV Bhatsa-Shahapur @Ch.No.667 +197 2) Shifting of the line to ERS system on 100KV Bhatsa - Salambe (Phutali) between Pillar No. 19-20.LILO line @ Ch.No 667+298.

