

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Mar/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.296	1183.722	1) Gujrat	-7.069	-43.574
2) Hydro	22.889	155.875	2) Madhya Pradesh	11.636	76.980
3) Gas	3.463	28.227	3) Chattisgarh	5.980	51.770
Total MSPGCL	171.648	1367.824	4) Maharashtra	169.206	1338.919
B) 1) APLM	75.675	601.419	5) Goa (Amona)	-1.225	-9.164
2) JSWEL	20.386	158.065	Total	178.528	1414.931
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.852	217.270
4) RPL(AMT)	25.450	197.915	b) Mumbai Drawl	30.304	235.446
5) SWPGPL	6.326	50.506	c) MSEDCL Bilateral *	88.993	1029.598
6) Other IPP	40.217	320.751	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.852	217.270
C) 1) TPCL Thermal	13.286	97.034	Include PX	0.000	0.000
2) TPCL Hydro	4.797	32.885	Standby	0.000	0.000
3) TPCL Gas	2.151	5.521	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.436	68.953	1) MSEDCL	497.461	3938.410
D) STATE			2) Mumbai Discoms	59.974	439.842
1) Thermal	336.072	2678.365	3) Other Discoms	8.721	69.571
(A1+C1+C4+(B1-B6))			TOTAL STATE	566.156	4447.823
2) Hydro (A2+C2)	27.686	188.760			
3) Gas (A3+B7+C3)	5.614	33.748			
4) Wind	11.382	69.120			
6) SOLAR	6.874	62.896			
TOTAL STATE	387.628	3032.889			

* 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 4 Hrs
MSPGCL Thermal	6164	5954	5938	5912
MSPGCL Hydro	575	797	2045	349
MSPGCL Gas	139	138	140	144
MSPGCL Total Generation	6878	6889	8123	6405
Central Sector Receipt	9426	9250	6400	6970
WIND	287	276	482	641
CPP / IPP Thermal	7074	7028	7064	6707
CPP / IPP Gas	0	0	0	0
SOLAR	963	1020	0	0
Exchange with Mumbai	-1349	-1533	-1126	-1030
MSEDCL DEMAND MET	22879	22545	20548	19420
Load Shedding	0	0	0	0
MSEDCL DEMAND	22879	22545	20548	19420
TPCL GENERATION	1172	1000	1153	499
AEML GENERATION	501	449	498	289
MUMBAI DEMAND	3022	2982	2777	1818
OTHER DISCOM DEMAND	400	385	395	273
STATE DEMAND MET	26301	25912	23720	21511
STATE DEMAND	26301	25912	23720	21511
Frequency (Hz)	49.97	50.01	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 06:02 Hrs	49.73 Hz at 18:48 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/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.38	34.39	195	150
Unit 7	0.00	0.00	0	0
Unit 8	13.26	105.07	582	533
Unit 9	13.17	104.45	590	522
Unit 10	11.93	85.45	530	466
Total	42.73	329.35		
Bhusawal				
Unit 3	3.78	15.63	175	125
Unit 4	3.45	73.34	355	0
Unit 5	0.00	16.69	0	0
Total	7.23	105.66		
Parli				
Unit 6	5.44	30.71	250	150
Unit 7	5.05	33.11	238	144
Unit 8	3.83	21.88	171	144
Total	14.32	85.70		
Chandrapur				
Unit 3	4.32	34.44	189	142
Unit 4	3.90	30.87	176	126
Unit 5	8.80	47.80	375	345
Unit 6	0.00	7.34	0	0
Unit 7	8.49	71.54	390	300
Unit 8	0.00	38.97	0	0
Unit 9	10.74	79.42	455	436
Total	36.24	310.38		
Paras				
Unit 3	5.81	46.16	249	218
Unit 4	5.75	45.25	249	228
Total	11.56	91.41		
Khaparkheda				
Unit 1	3.52	27.02	155	130
Unit 2	3.38	28.72	160	125
Unit 3	4.21	33.73	185	150
Unit 4	4.17	31.57	190	155
Unit 5	10.34	79.59	475	380
Total	25.61	200.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.15	32.78	190	119
Unit 5	3.45	27.82	158	115
Total	7.60	60.60		
Uran				
All Units	3.46	28.23	156	136
Total	3.46	28.23		
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)	0.16	1.84	40	0
Total	0.16	1.84		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.48	34.92	460	45
Stage 4	7.16	50.41	1005	0
Stage 3	2.67	18.44	320	0
Total	15.32	103.78		
Hydro				
KDPH	0.86	4.12	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.28	1.72	73	0
SMLHY_PTN	6.27	44.13	274	226
GHATGHAR	0.00	0.00	0	0
Total	7.42	50.26		
Wind				
Total	11.38	69.12	0	0
Total	11.38	69.12		
CPP				
APML(Mus)	75.68	601.42	0	0
JSWEL(Mus)	20.39	158.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.45	197.92	0	0
SWPGPL-Mus	6.33	50.51	0	0
Other(Mus)	40.22	320.75	0	0
Total	168.05	1328.66		
SOLAR				
Total	6.87	62.90	0	0
Total	6.87	62.90		
Tata				
Trombay 5	9.25	67.28	478	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	3.39	55	20
Trombay 7B	0.98	2.13	45	6
TATA Hydro	4.80	32.88	403	0
Trombay 8	4.04	29.76	228	129
Total	20.23	135.44		
AEML				
DTPS U-1&2	9.44	68.95	501	289
Total	9.44	68.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.30	1183.72	MSPGCL Total	171.65	1367.82
			MSPGCL Thml+Gas	148.76	1211.95	Koyna 1,2 & 4 Total	12.65	85.33
			MSPGCL Hydro	22.89	155.88	State Total	387.63	3032.89

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Mar/2022

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	6195	349	155	6699	685	6980	0	0	6902	6569	-1353	19274	0	19274	2181	306	21761	50.01
2	6233	351	145	6729	581	7036	0	0	7076	6616	-1206	19476	0	19476	2027	280	21783	50.01
3	6047	352	156	6555	653	6987	0	0	7103	6634	-1102	19447	0	19447	1914	280	21641	50.02
4	5912	349	144	6405	641	6707	0	0	7056	6970	-1030	19420	0	19420	1818	273	21511	50.02
5	5920	351	145	6416	643	6850	0	0	7236	7043	-982	19677	0	19677	1796	293	21766	50.01
6	6149	426	155	6730	787	6935	0	0	7262	7201	-1010	20314	0	20314	1892	329	22535	50.00
7	6248	1045	146	7439	770	7077	0	22	6939	6878	-785	21045	0	21045	2020	356	23421	50.00
8	6301	1316	146	7763	694	7087	0	142	7027	7089	-860	21545	0	21545	2184	370	24099	50.02
9	6244	964	155	7363	615	7087	0	352	7635	7638	-1002	21669	0	21669	2459	384	24512	50.02
10	6303	947	143	7393	527	7092	0	575	8133	8098	-1182	22118	0	22118	2734	385	25237	49.98
11	6320	598	140	7058	447	7078	0	808	9189	9038	-1318	22707	0	22707	2936	404	26047	49.97
12	6164	575	139	6878	287	7074	0	963	9406	9426	-1349	22879	0	22879	3022	400	26301	49.97
13	5954	797	138	6889	276	7028	0	1020	9030	9250	-1533	22545	0	22545	2982	385	25912	50.01
14	5927	545	136	6608	248	6943	0	979	9465	9529	-1717	22211	0	22211	2867	379	25457	50.02
15	5943	1163	138	7244	296	6940	0	858	9186	9006	-1767	22193	0	22193	2921	384	25498	49.99
16	5924	1731	137	7792	249	6923	0	642	8707	8515	-1699	22022	0	22022	2966	400	25388	49.94
17	5873	1723	148	7744	220	6970	0	351	7767	7406	-1472	20824	0	20824	2949	395	24168	49.97
18	5921	2013	138	8072	172	7029	0	155	6641	6604	-1325	20306	0	20306	2880	401	23587	50.00
19	5942	2078	139	8159	296	7065	0	7	6257	6343	-1149	20299	0	20299	2815	422	23536	49.91
20	5938	2045	140	8123	482	7064	0	0	6547	6400	-1126	20548	0	20548	2777	395	23720	49.99
21	5949	1162	141	7252	496	7050	0	0	6363	6417	-1198	19619	0	19619	2609	398	22626	50.01
22	5909	729	142	6780	461	7026	0	0	6393	6375	-1331	18930	0	18930	2482	381	21793	50.01
23	5952	725	153	6830	449	7000	0	0	6514	6606	-1379	19139	0	19139	2394	367	21900	49.96
24	6028	555	144	6727	407	7026	0	0	6934	6877	-1429	19254	0	19254	2349	354	21957	49.94
MUs	145.30	22.89	3.46	171.65	11.38	168.05	0.00	6.87	180.77	178.53	-30.30	497.46	0.00	497.46	59.97	8.72	566.16	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/Mar/2022

Position as on 6.30 Hrs of 09/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Nasik Unit 3	210	26/01/2022	20:26		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	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	
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)	
IPP	JSW (J) U4	300	14/02/2022	16:08		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Ghatghar Unit-2	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Uran Unit 6	108	21/02/2022	00:37		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	21/02/2022	21:57		Continued.	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
MSPGCL	Chandrapur Unit 6	500	02/03/2022	00:16		Continued.	turbine bearing no.7 vibration high	
MSPGCL	Bhusawal Unit 5	500	03/03/2022	06:05		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit 8	500	04/03/2022	12:04	09/03/2022	07:43	SPRR OPERATED (SUDDEN PRESSURE RISE RELAY)	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 4	500	08/03/2022	11:35		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	08/03/2022	23:13		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	08/03/2022	23:29		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 08/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Tripping							
BUS COUPLER @ KORADI	IntraState	04/03/2022	13:37	08/03/2022	20:19	PO	Overhauling of CB Mechanism
MAIN BAY (406) OF PGCIL @ LAMBOTI	IntraState	07/03/2022	10:09			PO	406-52 CB Overhauling.
400 KV LINE Outages/Tripping							
KARAD - SOLAPUR (PG)	InterState	22/02/2022	08:50				Commissioning of 400 kv 80 MVar Kanohar make line shunt reactor with allied equipments under LE scheme
CHANDRAPUR - BHADRAVATI CKT - 3	InterState	08/03/2022	10:08	08/03/2022	22:22	PO	Replacement of BUS 1 Pantograph isolators of PGCIL ckt -1 and PGCIL ckt-2 at GCR
BABHALESHWAR - PADGHE CKT-1	IntraState	08/03/2022	11:21	08/03/2022	11:31	T	Auto successful at Padghe, tripped at BBLR
PARLI - KUMBHARGAON(NANDED) CKT - 2	IntraState	08/03/2022	13:05	08/03/2022	18:01	PO	1) C & tan delta measurement of CTs. 2) Bay maintenance work.
EKTUNI - BABLESHWAR CKT - 2	IntraState	08/03/2022	13:16	08/03/2022	21:30	PO	CT, CB relay testing work & 29D & 29C Isolator repairing work.
EKTUNI - BABLESHWAR CKT - 2	IntraState	08/03/2022	13:16	08/03/2022	21:30	PO	Replacement of damaged disc insulator, corona ring, damaged nut bolts,
400 KV ICT Outages/Tripping							
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	08/03/2022	06:01			T	Buccholsz Relay Optd.
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	08/03/2022	09:32	08/03/2022	10:00	T	Tripped on Buchholze relay
400/220 KV 3X200 MVA ICT - 2 @ KALWA	IntraState	08/03/2022	09:32	08/03/2022	10:00	T	Tripped on Buchholze relay
400 KV BR Outages/Tripping							
125MVar BUS REACTOR @ WARORA	IntraState	08/03/2022	09:46	08/03/2022	14:50	PO	Relay testing work, Routine Maintenance & Diagnostic testing work etc.
220 KV LINE Outages/Tripping							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	25/02/2022	09:18			PO	Project work for Shifting of line on new GIS bay and HV test of new GIS
KHARGHAR - TOPWORTH	IntraState	26/02/2022	10:33			PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market
KHARGHAR - TSS PANVEL	IntraState	26/02/2022	11:31			PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market
MALEGAON-SATANA	IntraState	08/03/2022	05:02	08/03/2022	09:20	T	Dist Prot.
KALWA - PANCHANAND	IntraState	08/03/2022	10:47	08/03/2022	11:28	HT	fire below lines
APTA - KALWA	IntraState	08/03/2022	10:53	08/03/2022	11:30	HT	fire below lines
VITA - MIRAJ	IntraState	08/03/2022	12:29	08/03/2022	19:53	PO	Replacement of dead end at Loc No.92 Y & B Ph
KALMESHVAR-PANDHURNA	IntraState	09/03/2022	09:29			PO	Routine Maintenance & Dignostic testing work
220 KV ICT Outages/Tripping							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 08/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 09/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132 KV 200 MVA ICT 3 @ BABHLESHWAR	IntraState	20/12/2021	22:45			T	Tripped on Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/22 KV 50 MVA PTR 2 @ MAHAD	IntraState	08/03/2022	16:28	08/03/2022	17:13	PO	LV Bushing Hot spot attending work and LA counter replacement work.
220/33KV 50MVA PTR 2 @ VITA	IntraState	08/03/2022	16:50	08/03/2022	20:07	EO	Attending oil leakages of LC CTs of transformer
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	09/03/2022	09:14			PO	Routine Maintenance work.
110 KV LINE Outages/Trippings							
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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