

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Mar/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.212	152.212	1) Gujrat	-6.170	-6.170
2) Hydro	12.903	12.903	2) Madhya Pradesh	8.338	8.338
3) Gas	3.579	3.579	3) Chattisgarh	6.750	6.750
Total MSPGCL	168.694	168.694	4) Maharashtra	167.394	167.394
B) 1) APLM	74.511	74.511	5) Goa (Amona)	-1.323	-1.323
2) JSWEL	17.946	17.946	Total	174.989	174.989
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.146	27.146
4) RPL(AMT)	25.484	25.484	b) Mumbai Drawl	30.035	30.035
5) SWPGPL	6.284	6.284	c) MSEDCL Bilateral *	80.527	80.527
6) Other IPP	41.106	41.106	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.146	27.146
C) 1) TPCL Thermal	10.346	10.346	Include PX	0.000	0.000
2) TPCL Hydro	3.008	3.008	Standby	0.000	0.000
3) TPCL Gas	0.000	0.000	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.886	7.886	1) MSEDCL	485.396	485.396
D) STATE			2) Mumbai Discoms	51.276	51.276
1) Thermal	335.775	335.775	3) Other Discoms	8.761	8.761
(A1+C1+C4+(B1-B6))			TOTAL STATE	545.433	545.433
2) Hydro	15.911	15.911			
(A2+C2)					
3) Gas	3.579	3.579			
(A3+B7+C3)					
4) Wind	6.542	6.542			
6) SOLAR	8.636	8.636			
TOTAL STATE	370.443	370.443			

* 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 23 Hrs
MSPGCL Thermal	6378	6385	6427	6283
MSPGCL Hydro	670	641	685	455
MSPGCL Gas	144	142	155	148
MSPGCL Total Generation	7192	7168	7267	6886
Central Sector Receipt	9203	8806	6324	5974
WIND	148	99	295	280
CPP / IPP Thermal	6911	6806	6933	6731
CPP / IPP Gas	0	0	0	0
SOLAR	1225	1259	0	0
Exchange with Mumbai	-1661	-1639	-1170	-1355
MSEDCL DEMAND MET	22620	22106	19248	18145
Load Shedding	0	0	0	0
MSEDCL DEMAND	22620	22106	19248	18145
TPCL GENERATION	624	621	762	440
AEML GENERATION	282	281	498	284
MUMBAI DEMAND	2567	2541	2430	2079
OTHER DISCOM DEMAND	398	393	401	371
STATE DEMAND MET	25585	25040	22079	20595
STATE DEMAND	25585	25040	22079	20595
Frequency (Hz)	50.02	50.04	50.05	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.28 Hz at 18.01 Hrs	49.82 Hz at 09.28 Hrs	50	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 01/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.14	4.14	180	160
Unit 7	0.00	0.00	0	0
Unit 8	13.32	13.32	604	440
Unit 9	11.77	11.77	589	5
Unit 10	12.27	12.27	528	492
Total	41.49	41.49		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.93	8.93	450	305
Unit 5	7.88	7.88	450	280
Total	16.80	16.80		
Parli				
Unit 6	2.67	2.67	202	0
Unit 7	4.00	4.00	241	144
Unit 8	0.00	0.00	0	0
Total	6.67	6.67		
Chandrapur				
Unit 3	4.29	4.29	189	160
Unit 4	3.98	3.98	175	151
Unit 5	0.00	0.00	0	0
Unit 6	7.25	7.25	364	263
Unit 7	9.41	9.41	434	323
Unit 8	10.87	10.87	474	423
Unit 9	6.28	6.28	422	0
Total	42.09	42.09		
Paras				
Unit 3	5.72	5.72	248	201
Unit 4	5.60	5.60	247	179
Total	11.31	11.31		
Khaparkheda				
Unit 1	3.56	3.56	160	130
Unit 2	3.72	3.72	160	140
Unit 3	4.50	4.50	192	179
Unit 4	4.21	4.21	188	163
Unit 5	10.44	10.44	460	410
Total	26.42	26.42		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	3.92	190	122
Unit 5	3.52	3.52	165	121
Total	7.43	7.43		
Uran				
All Units	3.58	3.58	161	140
Total	3.58	3.58		
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	0.16	20	0
Total	0.16	0.16		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.86	2.86	350	35
Stage 4	2.74	2.74	793	0
Stage 3	1.03	1.03	160	0
Total	6.63	6.63		
Hydro				
KDPH	0.43	0.43	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.29	0.29	58	0
BHIRA T.R.	0.24	0.24	80	0
SMLHY_PTN	5.16	5.16	247	188
GHATGHAR	0.00	0.00	0	0
Total	6.12	6.12		
Wind				
Total	6.54	6.54	0	0
Total	6.54	6.54		
CPP				
APML(Mus)	74.51	74.51	0	0
JSWEL(Mus)	17.95	17.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.48	25.48	0	0
SWPGPL-Mus	6.28	6.28	0	0
Other(Mus)	41.11	41.11	0	0
Total	165.33	165.33		
SOLAR				
Total	8.64	8.64	0	0
Total	8.64	8.64		
Tata				
Trombay 5	6.98	6.98	421	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	0.00	0	0
Trombay 7B	0.00	0.00	0	0
TATA Hydro	3.01	3.01	363	0
Trombay 8	3.36	3.36	220	129
Total	13.35	13.35		
AEML				
DTPS U-1&2	7.89	7.89	500	281
Total	7.89	7.89		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	152.21	152.21
MSPGCL Thml+Gas	155.79	155.79
MSPGCL Hydro	12.90	12.90

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	168.69	168.69
Koyna 1,2 & 4 Total	5.60	5.60
State Total	370.44	370.44

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Mar/2022

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	6054	387	158	6599	401	6998	0	0	6237	6385	-1117	18956	0	18956	1806	310	21072	49.94
2	5980	300	148	6428	419	6796	0	0	7022	6799	-999	19136	0	19136	1687	307	21130	49.99
3	6017	310	149	6476	450	6970	0	0	6782	6581	-919	19265	0	19265	1607	293	21165	50.01
4	6132	286	160	6578	489	7012	0	0	6369	6421	-873	19321	0	19321	1562	306	21189	49.97
5	6196	278	150	6624	472	6992	0	0	6816	6993	-858	19938	0	19938	1551	285	21774	49.97
6	6223	721	161	7105	448	6979	0	0	6772	7143	-952	20390	0	20390	1758	333	22481	50.00
7	6244	1530	150	7924	461	7078	0	5	6410	6269	-721	20671	0	20671	1796	345	22812	50.02
8	6425	1332	151	7908	413	7110	0	146	6552	6516	-639	21101	0	21101	1864	353	23318	50.01
9	6580	718	160	7458	259	7106	0	460	7103	7560	-998	21466	0	21466	2054	379	23899	50.01
10	6614	919	147	7680	194	7064	0	814	7962	8069	-1503	21947	0	21947	2412	371	24730	49.93
11	6336	840	154	7330	168	7016	0	1078	8951	8981	-1570	22620	0	22620	2493	383	25496	50.01
12	6378	670	144	7192	148	6911	0	1225	9359	9203	-1661	22620	0	22620	2567	398	25585	50.02
13	6385	641	142	7168	99	6806	0	1259	9064	8806	-1639	22106	0	22106	2541	393	25040	50.04
14	6362	447	140	6949	89	6746	0	1136	8876	8942	-1576	21891	0	21891	2430	395	24716	50.02
15	6508	309	149	6966	81	6561	0	1004	9216	9073	-1594	21704	0	21704	2440	387	24531	49.99
16	6635	281	140	7056	91	6639	0	825	9295	8838	-1601	21457	0	21457	2450	391	24298	49.96
17	6468	260	142	6870	86	6726	0	501	8529	8336	-1575	20536	0	20536	2429	408	23373	50.01
18	6515	262	141	6918	117	6839	0	179	7152	7031	-1464	19213	0	19213	2408	407	22028	50.03
19	6489	349	142	6980	218	6880	0	4	6227	6487	-1181	18977	0	18977	2409	411	21797	50.05
20	6427	685	155	7267	295	6933	0	0	6249	6324	-1170	19248	0	19248	2430	401	22079	50.05
21	6429	281	145	6855	253	6920	0	0	6257	6123	-1336	18409	0	18409	2327	406	21142	50.04
22	6307	271	145	6723	220	6671	0	0	6083	6164	-1432	17962	0	17962	2193	384	20539	50.01
23	6283	455	148	6886	280	6731	0	0	6033	5974	-1355	18145	0	18145	2079	371	20595	49.98
24	6225	371	158	6754	391	6847	0	0	6169	5971	-1302	18316	0	18316	1982	345	20643	49.97
MUs	152.21	12.90	3.58	168.69	6.54	165.33	0.00	8.64	175.48	174.99	-30.04	485.40	0.00	485.40	51.28	8.76	545.43	50.00

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 01/Mar/2022

Position as on 6.30 Hrs of 02/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	Koyna Unit 5	80	20/12/2021	08:40		Continued.	Annual Overhaul	
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	
IPP	RPL(AMT) U-3	270	16/02/2022	00:00		Continued.	Coal Shortage	
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	Bhusawal Unit 3	210	20/02/2022	22:03		Continued.	Coal Shortage	
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	
TPC-G	Trombay 7B	60	23/02/2022	02:12		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	24/02/2022	01:00		Continued.	Coal Shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
MSPGCL	Chandrapur Unit 9	500	26/02/2022	21:29	01/03/2022	06:24	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	28/02/2022	23:54		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	01/03/2022	10:21	01/03/2022	11:52	Feed water level low.	
MSPGCL	Koyna STG-IV Unit-4	250	01/03/2022	14:30	01/03/2022	15:44	TESTING WORK	
MSPGCL	Parli Unit 6	250	01/03/2022	16:07	02/03/2022	08:49	ON ELECTRICAL FAULT	
MSPGCL	Chandrapur Unit 6	500	02/03/2022	00:16		Continued.	turbine bearing no.7 vibration high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV MAINBAY Outages/Trippings							
MAIN BAY (709) OF AKOLA CKT - 1 @ KORADI 3	IntraState	01/03/2022	08:55	01/03/2022	15:50	PO	Annual Maintenance of Bay Equipments.
400 KV LINE Outages/Trippings							
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
THAPTI TANDA - WALUJ	IntraState	28/02/2022	20:08	01/03/2022	08:57	T	Distance Protection
CHANDRAPUR GCR - CHANDRAPUR HVDC - 1	IntraState	01/03/2022	09:52			PO	1) Capital overhauling and servicing of Mechanism Drive, SF6 gas monitoring assembly, Hydraulic pressure monitoring assembly and Poles and Interrupters. 2) Measurement of Timing, CRM and DCRM of CB. 3) Maintenance and alignments of PG-1 and PG-2 Isolators.
TBC @ NEW KOYNA	IntraState	01/03/2022	10:15			PO	Bus insulator string replacement work under scheme at the section of 1) 400KV BC & TBC 2) 400KV spare bay 3) Erection of hanger for pantograph isolator of newly erection of ICT bay
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	01/03/2022	10:37	01/03/2022	11:07	PO	For taking LR out of service
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	01/03/2022	16:57	01/03/2022	16:57	PO	For taking LR into service
400 KV ICT Outages/Trippings							
400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	24/02/2022	03:29	01/03/2022	18:49	T	Differential Relay Optd, R-ph HV CT Burst
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
BOISAR II - TARAPUR	IntraState	18/02/2022	09:33			PO	1. Dismantling of existing loc.no. 37, erection proposed on loc.37a & 38a. 2.Railway crossing stringing between loc.no.36 & 37a-38a-38
EKLAHARE (OCR) - NAVASARI CKT - 1	IntraState	22/02/2022	10:16			PO	GETCO WORK. SHIFTING OF EXI. 220KV NAVSARI - NASIK LINE NO 1 & 2 (D/C)CROSSING AT NHRCL PRO.CH:- 233/720 (EXI. CROSSING CH:- 233/895)
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	22/02/2022	10:17			PO	GETCO WORK. SHIFTING OF EXI. 220KV NAVSARI - NASIK LINE NO 1 & 2 (D/C)CROSSING AT NHRCL PRO.CH:- 233/720 (EXI. CROSSING CH:- 233/895)
HINJEWADI 2 - PEGASUS	IntraState	24/02/2022	10:40			PO	1. (a) Dismantling WT with disc insulator strings � 4 No , (b) Dismantling CC/ CC structure � 4 No. (c) Dismantling LA structure � 6 No. 2. Erection of LA and BPI 3. Scaffolding for OET 4. Outdoor End Termination 5. Testing and commissioning 6. Jumper connections High bus - BPI - OET-LA (Work at 220kV Hinjewadi II & Pegasus S/s)
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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
PADGHE - WADA	IntraState	28/02/2022	10:01			PO	1. 245kV CGL make CB pole overhauling work 2. Retrofitting of master 86 relay for MTAMC work
TROMBAY - SALSETTE CKT - 1	IntraState	28/02/2022	23:35	01/03/2022	05:05	PO	METRO-4 WORK
TROMBAY SALSETTE LINE-2	IntraState	28/02/2022	23:35	01/03/2022	05:10	PO	METRO-4 WORK
MHAISAL - ALKUD	IntraState	01/03/2022	09:37	01/03/2022	13:25	PO	Tightening of nut bolts and fixing of PA rods
220KV TULJAPUR - LAMBOTI(400KV) CKT 2	IntraState	01/03/2022	14:15	01/03/2022	15:25	T	TRIPPED ON DIST.PROTN
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.
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	01/12/2021	14:32	01/03/2022	20:58	PO	Replacement of existing 100 MVA ICT 02 by new 200 MVA ICT 02
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 Differential protection and Declare faulty
220/22 KV 50 MVA PTR 2 @ LONIKAND	IntraState	28/02/2022	10:30	01/03/2022	17:11	EO	For A Bus Isolator Work.
220/132-110 KV 100MVA ICT No-01 @ OGLEWADI	IntraState	01/03/2022	09:37	01/03/2022	18:56	PO	1. NIFPS system AMC work 2. Quarterly maintenance work
220/132-110/11KV 200MVA VID ICT 1 @ MIRAJ	IntraState	01/03/2022	10:13	01/03/2022	18:17	PO	For safety purpose for dismantling work of old concrete structure of HV TF side isolator of this ICT
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
KALYAN KALWA SALSETTE 1	IntraState	24/02/2022	08:18			PO	FOR DFCC PROJECT WORK

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