

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.435	889.793	1) Gujrat	-4.908	-30.431
2) Hydro	15.002	112.630	2) Madhya Pradesh	9.037	55.116
3) Gas	3.517	21.263	3) Chattisgarh	6.630	39.170
Total MSPGCL	163.954	1023.686	4) Maharashtra	167.251	1001.083
B) 1) APML	75.329	450.705	5) Goa (Amona)	-0.814	-6.692
2) JSWEL	20.144	117.338	Total	177.196	1058.246
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.197	162.834
4) RPL(AMT)	25.500	150.277	b) Mumbai Drawl	24.230	175.643
5) SWPGPL	6.280	37.862	c) MSEDCL Bilateral *	89.363	860.485
6) Other IPP	39.867	240.227	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.197	162.834
C) 1) TPCL Thermal	13.184	71.389	Include PX	0.000	0.000
2) TPCL Hydro	2.885	23.339	Standby	0.000	0.000
3) TPCL Gas	0.538	0.538	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.391	50.960	1) MSEDCL	489.974	2943.966
D) STATE			2) Mumbai Discoms	49.229	321.872
1) Thermal	334.130	2008.551	3) Other Discoms	8.363	51.969
(A1+C1+C4+(B1-B6))			TOTAL STATE	547.566	3317.807
2) Hydro (A2+C2)	17.887	135.969			
3) Gas (A3+B7+C3)	4.055	21.801			
4) Wind	6.868	44.597			
6) SOLAR	7.429	48.640			
TOTAL STATE	370.369	2259.558			

* 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	6061	5934	6216	6091
MSPGCL Hydro	1009	699	643	322
MSPGCL Gas	139	137	144	146
MSPGCL Total Generation	7209	6770	7003	6559
Central Sector Receipt	8704	8770	6572	6086
WIND	226	194	185	379
CPP / IPP Thermal	6949	6960	7068	6886
CPP / IPP Gas	0	0	0	0
SOLAR	1117	1153	0	0
Exchange with Mumbai	-1147	-1267	-902	-964
MSEDCL DEMAND MET	22697	22233	19532	18589
Load Shedding	0	0	0	0
MSEDCL DEMAND	22697	22233	19532	18589
TPCL GENERATION	645	634	1024	908
AEML GENERATION	460	337	348	283
MUMBAI DEMAND	2252	2238	2274	2155
OTHER DISCOM DEMAND	361	347	394	357
STATE DEMAND MET	25310	24818	22200	21101
STATE DEMAND	25310	24818	22200	21101
Frequency (Hz)	49.95	49.95	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.24 Hz at 06.01 Hrs	49.77 Hz at 09.04 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 06/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.40	25.71	195	175
Unit 7	0.00	0.00	0	0
Unit 8	13.64	78.30	608	500
Unit 9	12.20	77.45	546	463
Unit 10	11.72	61.40	500	450
Total	41.95	242.86		
Bhusawal				
Unit 3	3.81	7.94	170	135
Unit 4	10.91	61.46	495	420
Unit 5	0.00	16.69	0	0
Total	14.72	86.10		
Parli				
Unit 6	3.96	21.22	222	149
Unit 7	3.81	24.06	216	140
Unit 8	3.74	14.34	184	144
Total	11.52	59.62		
Chandrapur				
Unit 3	4.18	25.71	183	161
Unit 4	3.00	23.00	148	116
Unit 5	8.02	30.41	365	305
Unit 6	0.00	7.34	0	0
Unit 7	8.90	54.57	419	304
Unit 8	0.00	38.97	0	0
Unit 9	10.66	58.03	467	415
Total	34.75	238.03		
Paras				
Unit 3	5.75	34.52	252	202
Unit 4	5.55	33.84	245	197
Total	11.30	68.36		
Khaparkheda				
Unit 1	3.44	20.12	155	120
Unit 2	3.54	21.89	160	120
Unit 3	4.45	25.22	192	177
Unit 4	3.48	23.44	175	123
Unit 5	8.63	58.50	458	300
Total	23.53	149.16		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	24.66	191	123
Unit 5	3.48	21.02	172	119
Total	7.66	45.67		
Uran				
All Units	3.52	21.26	158	137
Total	3.52	21.26		
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)	0.33	1.51	43	0
Total	0.33	1.51		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.96	25.68	395	35
Stage 4	3.32	36.06	615	0
Stage 3	1.43	13.20	160	0
Total	8.71	74.95		
Hydro				
KDPH	0.43	2.59	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.20	1.24	80	0
SMLHY_PTN	5.33	32.05	238	198
GHATGHAR	0.00	0.00	0	0
Total	5.96	36.17		
Wind				
Total	6.87	44.60	0	0
Total	6.87	44.60		
CPP				
APML(Mus)	75.33	450.70	0	0
JSWEL(Mus)	20.14	117.34	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.50	150.28	0	0
SWPGPL-Mus	6.28	37.86	0	0
Other(Mus)	39.87	240.23	0	0
Total	167.12	996.41		
SOLAR				
Total	7.43	48.64	0	0
Total	7.43	48.64		
Tata				
Trombay 5	9.33	49.56	441	361
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.54	0.54	115	0
Trombay 7B	0.00	0.00	0	0
TATA Hydro	2.88	23.34	392	0
Trombay 8	3.85	21.83	226	131
Total	16.61	95.27		
AEML				
DTPS U-1&2	8.39	50.96	497	282
Total	8.39	50.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.44	889.79	MSPGCL Total	163.95	1023.69
			MSPGCL Thml+Gas	148.95	911.06	Koyna 1,2 & 4 Total	7.28	61.75
			MSPGCL Hydro	15.00	112.63	State Total	370.37	2259.56

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	6217	887	146	7250	363	6966	0	0	6728	6714	-1159	19823	0	19823	1988	311	22122	49.99
2	6189	739	147	7075	368	6989	0	0	6917	7065	-1076	20122	0	20122	1878	299	22299	50.03
3	6169	546	157	6872	421	6986	0	0	7017	6874	-999	19851	0	19851	1783	303	21937	50.03
4	6134	463	147	6744	419	7006	0	0	7092	7147	-930	20110	0	20110	1711	276	22097	50.03
5	6064	277	157	6498	371	6996	0	0	7569	7460	-915	20126	0	20126	1693	284	22103	50.01
6	6046	695	148	6889	370	7018	0	0	7244	7587	-933	20611	0	20611	1766	320	22697	50.00
7	6030	1163	149	7342	447	7027	0	3	6839	6761	-635	20621	0	20621	1817	324	22762	50.04
8	6046	1060	158	7264	424	7037	0	139	6959	6934	-636	20799	0	20799	1864	363	23026	50.04
9	6074	708	147	6929	294	6991	0	447	7481	7330	-878	20749	0	20749	1953	364	23066	50.02
10	6175	1067	144	7386	278	6978	0	706	7630	7539	-1031	21486	0	21486	2085	370	23941	50.01
11	6148	1007	152	7307	289	6968	0	964	8287	8414	-1067	22497	0	22497	2191	378	25066	49.96
12	6061	1009	139	7209	226	6949	0	1117	8798	8704	-1147	22697	0	22697	2252	361	25310	49.95
13	5934	699	137	6770	194	6960	0	1153	8869	8770	-1267	22233	0	22233	2238	347	24818	49.95
14	5906	423	137	6466	172	6959	0	939	8902	8770	-1303	21656	0	21656	2201	347	24204	50.01
15	5807	595	138	6540	135	6939	0	868	9077	9225	-1262	22090	0	22090	2178	355	24623	50.03
16	5828	527	139	6494	162	6969	0	593	9056	9013	-1231	21638	0	21638	2175	362	24175	50.01
17	5910	314	139	6363	127	7006	0	366	8608	7906	-1227	20183	0	20183	2160	358	22701	49.99
18	5944	329	151	6424	147	6981	0	127	7239	6937	-854	19380	0	19380	2133	382	21895	50.02
19	6137	319	141	6597	166	6976	0	7	6626	6662	-694	19317	0	19317	2169	397	21883	50.03
20	6216	643	144	7003	185	7068	0	0	6560	6572	-902	19532	0	19532	2274	394	22200	50.00
21	6216	304	154	6674	215	7007	0	0	6310	6310	-976	18832	0	18832	2244	398	21474	49.96
22	6022	388	144	6554	319	6726	0	0	6178	6052	-940	18339	0	18339	2206	372	20917	49.98
23	6091	322	146	6559	379	6886	0	0	6170	6086	-964	18589	0	18589	2155	357	21101	50.01
24	6071	520	156	6747	397	6732	0	0	6405	6362	-1204	18694	0	18694	2114	340	21148	50.00
MUs	145.44	15.00	3.52	163.95	6.87	167.12	0.00	7.43	178.56	177.20	-24.23	489.97	0.00	489.97	49.23	8.36	547.56	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 06/Mar/2022

Position as on 6.30 Hrs of 07/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	06/03/2022	17:20	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 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	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	
TPC-G	Trombay 7B	60	23/02/2022	02:12	07/03/2022	00:18	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
TPC-G	Trombay 7A	120	27/02/2022	16:38	06/03/2022	19:01	Gas shortage	
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	
IPP	RPL(AMT) U-5	270	03/03/2022	12:00		Continued.	Bottom Ash problem.	
MSPGCL	Chandrapur Unit 8	500	04/03/2022	12:04		Continued.	SPRR OPERATED (SUDDEN PRESSURE RISE RELAY)	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2022

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 (708) of KORADI - 3 CKT - 2 & EKTUNI CKT - 2 @ AKOLA 2	IntraState	07/03/2022	10:21			PO	Maintenance of Circuit Breaker.
400 KV TIEBAY Outages/Trippings							
TIE BAY - 403 OF 400/220/33 KV 500MVA ICT - 1 @ KHAPARKHEDA	IntraState	03/03/2022	10:50			EO	Replacement of Female Contact of R Ph 89 A Bus Isolator of 400/220/33 kV 500 MVA ICT 1 Tie Bay 403 by Hotline Unit Nagpur
400 KV MAINBAY Outages/Trippings							
BUS COUPLER @ KORADI	IntraState	04/03/2022	13:37			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/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
DHULE - SSNNL CKT - 1	InterState	06/03/2022	10:28	06/03/2022	19:14	PO	Replacement of damaged earthwire, replacement of PID suspicious disc insulator strings and other routine maintenance work.400kV SSNNL Ckt-2 A/R switch will be kept on non auto mode.
CHANDRAPUR - BHADRAVATI CKT - 4	InterState	07/03/2022	09:27			PO	Replacement of BUS 1 Pantograph isolators of PGCIL ckt -1 and PGCIL ckt-2 at GCR
400 KV ICT Outages/Trippings							
400/220/33 KV 167 MVA SPARE ICT @ WALUJ	IntraState	07/03/2022	10:42			PO	Diagnostic testing work of & Routine Maintenance
220 KV LINE Outages/Trippings							
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	06/03/2022	03:33			HT	For Load Management at Dhule
MAIN BUS- B @ BAPGAON	IntraState	06/03/2022	10:00	06/03/2022	23:50	EO	Emergency Outage on 220KV 2 Bus-B2 for B phase PT Oil Leakage attending work & shifting of 220Kv Ghatghar Bapgaon Line on TBC Bay for 2 Bus Isolator maintenance work in opportunity.
TROMBAY MSETCL TIE - 1	IntraState	06/03/2022	17:56	06/03/2022	22:25	EO	for replacement of C phase LA due to abnormal value found during LCM.
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.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 07/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 dismantailing 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
220/33kV 125 MVA TF 1 @ GORAI	IntraState	05/03/2022	16:27	06/03/2022	02:16	T	Fault in 33 kV cable.
110 KV LINE Outages/Trippings							
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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.
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.

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