

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Mar/2022 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.265	1812.861	1) Gujrat	-10.805	-77.638
2) Hydro	15.949	235.401	2) Madhya Pradesh	7.679	118.302
3) Gas	3.425	42.337	3) Chattisgarh	4.740	70.480
Total MSPGCL	180.639	2090.599	4) Maharashtra	155.520	1978.874
B) 1) APML	73.058	899.672	5) Goa (Amona)	-1.461	-14.518
2) JSWEL	20.596	236.745	Total	155.673	2075.500
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.318	330.571
4) RPL(AMT)	25.645	300.420	b) Mumbai Drawl	26.768	359.123
5) SWPGPL	3.142	71.710	c) MSEDCL Bilateral *	68.658	1331.595
6) Other IPP	39.941	479.692	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.318	330.571
C) 1) TPCL Thermal	14.843	153.116	Include PX	0.000	5.604
2) TPCL Hydro	5.601	53.699	Standby	0.000	0.000
3) TPCL Gas	1.255	6.776	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.824	113.299	1) MSEDCL	480.390	5883.767
D) STATE			2) Mumbai Discoms	60.290	686.014
1) Thermal	350.314	4067.515	3) Other Discoms	8.595	104.982
(A1+C1+C4+(B1-B6))			TOTAL STATE	549.275	6674.763
2) Hydro (A2+C2)	21.550	289.100			
3) Gas (A3+B7+C3)	4.680	49.113			
4) Wind	9.541	104.230			
6) SOLAR	7.518	89.304			
TOTAL STATE	393.603	4599.262			

* 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	6672	6680	7122	6342
MSPGCL Hydro	810	707	1226	352
MSPGCL Gas	136	135	140	142
MSPGCL Total Generation	7618	7522	8488	6836
Central Sector Receipt	8534	8196	6279	5232
WIND	197	143	73	934
CPP / IPP Thermal	6752	6701	6885	6583
CPP / IPP Gas	0	0	0	0
SOLAR	1021	1070	0	0
Exchange with Mumbai	-1536	-1485	-1044	-1100
MSEDCL DEMAND MET	22208	21764	20283	18202
Load Shedding	0	0	0	0
MSEDCL DEMAND	22208	21764	20283	18202
TPCL GENERATION	853	872	1231	495
AEML GENERATION	499	500	500	405
MUMBAI DEMAND	2888	2857	2775	2000
OTHER DISCOM DEMAND	378	383	398	283
STATE DEMAND MET	25474	25004	23456	20485
STATE DEMAND	25474	25004	23456	20485
Frequency (Hz)	49.93	49.99	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.13 Hz at 06.01 Hrs	49.74 Hz at 22.10 Hrs	49.98	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 12/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.38	50.65	190	165
Unit 7	0.00	0.00	0	0
Unit 8	14.43	161.35	608	586
Unit 9	13.73	159.19	595	542
Unit 10	3.15	116.18	488	0
Total	35.69	487.38		
Bhusawal				
Unit 3	3.64	29.45	180	125
Unit 4	11.22	102.63	495	435
Unit 5	0.00	16.69	0	0
Total	14.85	148.77		
Parli				
Unit 6	5.38	52.59	250	150
Unit 7	5.22	51.13	241	147
Unit 8	3.81	37.45	171	143
Total	14.41	141.17		
Chandrapur				
Unit 3	0.00	44.44	0	0
Unit 4	4.12	46.66	174	165
Unit 5	8.93	82.69	385	350
Unit 6	9.58	30.29	427	365
Unit 7	9.73	105.84	426	374
Unit 8	11.32	77.90	485	465
Unit 9	10.83	121.80	469	412
Total	54.52	509.62		
Paras				
Unit 3	4.22	65.63	189	166
Unit 4	4.23	65.24	187	167
Total	8.45	130.86		
Khaparkheda				
Unit 1	3.22	40.16	150	100
Unit 2	3.27	41.87	165	115
Unit 3	4.09	49.98	185	142
Unit 4	4.13	47.78	188	145
Unit 5	11.18	125.23	480	440
Total	25.89	305.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.08	48.81	197	120
Unit 5	3.37	41.23	159	124
Total	7.45	90.04		
Uran				
All Units	3.42	42.34	154	135
Total	3.42	42.34		
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)	0.10	2.54	33	0
Total	0.10	2.54		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.66	51.64	465	40
Stage 4	2.72	73.94	717	0
Stage 3	1.69	27.09	160	0
Total	8.07	152.67		
Hydro				
KDPH	0.86	7.58	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.23	0.52	58	0
BHIRA T.R.	0.30	2.92	80	0
SMLHY_PTN	6.39	69.17	285	245
GHATGHAR	0.00	0.00	0	0
Total	7.78	80.19		
Wind				
Total	9.54	104.23	0	0
Total	9.54	104.23		
CPP				
APML(Mus)	73.06	899.67	0	0
JSWEL(Mus)	20.60	236.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.64	300.42	0	0
SWPGPL-Mus	3.14	71.71	0	0
Other(Mus)	39.94	479.69	0	0
Total	162.38	1988.24		
SOLAR				
Total	7.52	89.30	0	0
Total	7.52	89.30		
Tata				
Trombay 5	10.19	105.50	482	359
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.99	4.38	116	0
Trombay 7B	0.26	2.40	67	0
TATA Hydro	5.60	53.70	451	0
Trombay 8	4.65	47.62	233	130
Total	21.70	213.59		
AEMIL				
DTPS U-1&2	11.82	113.30	502	405
Total	11.82	113.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.26	1812.86	MSPGCL Total	180.64	2090.60
			MSPGCL Thml+Gas	164.69	1855.20	Koyna 1,2 & 4 Total	6.38	125.58
			MSPGCL Hydro	15.95	235.40	State Total	393.60	4599.26

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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 DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6554	348	151	7053	854	6620	0	0	5635	5192	-1355	18044	0	18044	2399	320	20763	50.01
2	6316	353	143	6812	1160	6533	0	0	5524	5164	-1218	18167	0	18167	2237	284	20688	50.01
3	6364	348	142	6854	1137	6493	0	0	5312	5045	-1122	18131	0	18131	2100	276	20507	50.01
4	6342	352	142	6836	934	6583	0	0	5335	5232	-1100	18202	0	18202	2000	283	20485	50.00
5	6362	487	154	7003	804	6787	0	0	5267	5345	-1022	18617	0	18617	1973	300	20890	50.00
6	6600	900	143	7643	769	6825	0	0	5305	4999	-833	19086	0	19086	2023	317	21426	49.99
7	6754	1139	145	8038	633	6884	0	17	5619	5679	-735	20169	0	20169	2087	347	22603	49.98
8	6727	1403	154	8284	648	6837	0	129	5708	5733	-736	20545	0	20545	2132	350	23027	50.01
9	6718	932	142	7792	464	6857	0	390	6292	6617	-883	20862	0	20862	2237	375	23474	50.02
10	6701	658	141	7500	365	6808	0	653	7209	7223	-1214	20956	0	20956	2521	379	23856	50.00
11	6630	751	138	7519	279	6801	0	823	7998	7896	-1396	21528	0	21528	2758	394	24680	49.98
12	6672	810	136	7618	197	6752	0	1021	8421	8534	-1536	22208	0	22208	2888	378	25474	49.93
13	6680	707	135	7522	143	6701	0	1070	8419	8196	-1485	21764	0	21764	2857	383	25004	49.99
14	6583	372	135	7090	90	6699	0	1050	8683	8853	-1607	21807	0	21807	2757	367	24932	49.99
15	6521	675	136	7332	87	6740	0	964	8835	8667	-1699	21711	0	21711	2810	380	24901	49.92
16	6682	784	137	7603	90	6732	0	753	8331	7992	-1302	21482	0	21482	2889	386	24757	49.93
17	6805	835	147	7787	157	6804	0	457	7258	6998	-1094	20706	0	20706	2852	402	23961	49.95
18	6866	525	138	7529	111	6841	0	184	6788	6535	-1038	19761	0	19761	2772	401	22934	49.94
19	6981	725	139	7845	86	6860	0	8	6243	6184	-1032	19548	0	19548	2752	403	22703	49.96
20	7122	1226	140	8488	73	6885	0	0	6219	6279	-1044	20283	0	20283	2775	398	23456	49.95
21	7110	477	151	7738	92	6847	0	0	6136	5968	-946	19301	0	19301	2705	398	22404	50.00
22	6972	425	142	7539	126	6839	0	0	5924	5811	-850	19081	0	19081	2625	384	22090	49.99
23	7112	382	142	7636	112	6822	0	0	5823	5746	-762	19189	0	19189	2568	365	22122	49.92
24	7091	335	152	7578	130	6832	0	0	6075	5785	-759	19241	0	19241	2574	325	22140	49.99
MUs	161.26	15.95	3.42	180.64	9.54	162.38	0.00	7.52	158.36	155.67	-26.77	480.39	0.00	480.39	60.29	8.59	549.28	49.98

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 12/Mar/2022

Position as on 6.30 Hrs of 13/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	Uran Unit A0	120	21/02/2022	21:57		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	21/02/2022	21:57	13/03/2022	15:59	Gas shortage	
IPP	SWPGPL U-4	135	25/02/2022	16:47		Continued.	Turbine Vibration	
MSPGCL	Bhusawal Unit 5	500	03/03/2022	06:05		Continued.	Flame Failure	
IPP	RPL(AMT) U-1	270	07/03/2022	02:39		Continued.	Generator Protection operated	
TPC-G	Trombay 7B	60	08/03/2022	23:13	12/03/2022	19:32	Gas shortage	
TPC-G	Trombay 7A	120	08/03/2022	23:29	12/03/2022	15:01	Gas shortage	
MSPGCL	Uran Unit 6	108	10/03/2022	18:07		Continued.	Gas shortage	
MSPGCL	Ghatghar Unit-2	125	11/03/2022	01:25		Continued.	TRIPPED ON SFC HEAVY FAULT WHILE TAKING ON PUMPING MODE.(PUMPING TRIAL CARRIED OUT SUCCESSFULLY FROM 20:35HRS TO 22:35HRS DT.10/03/22)	
MSPGCL	Koradi Unit-10	660	11/03/2022	07:16	12/03/2022	14:30	Electrical Fault	
MSPGCL	Chandrapur Unit 3	210	11/03/2022	08:43		Continued.	WITHDRAWN FOR ATTENDING HPCV-I STEAM LEAKAGE WORK	
IPP	SWPGPL U-2	135	11/03/2022	16:30		Continued.	Condenser inlet line leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01			T	Pole-2 tripped at Padghe end. Black smoke observed near pole 2, B phase converter transformer's 3A bushing - turret. Fire looked external and it was extinguished in 10-15 minutes using fire tenders and fire hydrant
400 KV MAINBAY Outages/Trippings							
MAIN BAY 401 OF STN T/F 1	InterState	10/03/2022	12:14	12/03/2022	17:28	EO	1] Cross Checking of Tan Delta of HV Bushings (These were found higher when taken in July 2021). Need to be cross checked with different kits. 2] Transformer testing. Also, our Unit#1 which is next to Station Transformer#1 (ST1) is not on bar from 07.03.2022. Need to take the tan delta of ST1 in this opportunity only to eliminate any induction doubts while taking tan delta.
400 KV LINE Outages/Trippings							
PADGHE - BOISAR (PG)	InterState	12/03/2022	14:45	12/03/2022	17:03	T	Distance Protection.
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	13/03/2022	09:42	13/03/2022	20:51	PO	For string replacement and Hardware NB Tightening work.
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	13/03/2022	15:58	13/03/2022	17:34	T	TRIPPED ON DIST. PROTN.
TIRORA - WARORA CKT - 1	IntraState	13/03/2022	21:27		Continued.	EO	Today on dt.13.03.2022 @ 06:41 hrs VT fail optd alarm observed on SCADA, after checking CVT voltage we found voltage drop in R-ph of 400KV Tirora & Warora Line -1 at Warora end.
AKOLA - KHADKA (BHUSAWAL)	IntraState	13/03/2022	22:14		Continued.	T	R-ph Wavetrap caught fire at Khadka
400 KV ICT Outages/Trippings							
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	08/03/2022	06:01		Continued.	T	Buccholsz Relay Optd.
220 KV LINE Outages/Trippings							
NARANGWADI - SOLAPUR PG CKT - 1	InterState	13/03/2022	04:49	13/03/2022	05:34	T	Tripped at Narangwadi end only
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	CABLE FAULT
TATA BORIVLI MSETCL BORIVLI - 5	IntraState	25/02/2022	09:18	13/03/2022	07:46	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	13/03/2022	07:57	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	13/03/2022	07:35	PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
MUDSHINGI - CHIKODI	IntraState	07/03/2022	10:22			PO	For SSN to DSN insulator string conversion at tower location no M/C-13,14,15 220kv CB overhauling work by agency
TALANDGE - SAWANTWADI	IntraState	11/03/2022	18:37	12/03/2022	02:13	T	TRIPPED ON DIST. PROTN. R-PHASE INSULATOR STRING REPLACED AT LOC.NO.195
MALEGAON - KALWAN CKT-2	IntraState	12/03/2022	11:28	12/03/2022	14:15	PO	Proposal of outage for replacement of B-Phase Red hot observed to wards malegaon side all four bolt of jumper going to melted in ground patrolling with Thermoscaning done on dated 4.3.2022
KAMBA - VASAI	IntraState	12/03/2022	13:15	12/03/2022	16:23	T	Distance Protection
KHARGHAR - TSS PANVEL	IntraState	13/03/2022	05:00	13/03/2022	07:35	PO	Emergency outage proposal on 220kV TSS Panvel - Topworth line to restoration of 220kV Kharghar-TSS Line and 220kV Topworth - Kharghar line
KHARGHAR - TOPWORTH	IntraState	13/03/2022	05:00	13/03/2022	07:57	PO	Emergency outage proposal on 220kV TSS Panvel - Topworth line to restoration of 220kV Kharghar-TSS Line and 220kV Topworth - Kharghar line
ADLABS - PEDAMBE	IntraState	13/03/2022	13:42	13/03/2022	16:20	T	TRIPPED ON DIST. PROTN.
TROMBAY - CARNAC - 7	IntraState	13/03/2022	14:55	13/03/2022	15:56	EO	For removing hanging object at location sewri fort.
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.
220/22 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
220/132 KV 100 MVA ICT-3 @ BHENDA	IntraState	12/03/2022	11:05	12/03/2022	12:05	EO	Oil top up required due to drastically change in atmosphere
220/22-22 KV 50 MVA PTR 4 @ MULUND	IntraState	13/03/2022	06:10	13/03/2022	08:39	PO	For Attending 15 Hot Spot at various Location in TF-4 Bay
220/33KV 50MVA T/F-I @ BRIDGESTONE	IntraState	13/03/2022	10:55	13/03/2022	12:54	EO	Hot spot observed on TF LV (33kV) side R phase cable 161°C, Y phase cable 143°C, cable earthing connected to structure 127°C and TF LV B phase Neutral Bushing 114°C. At 220kV Bridgestone Substation only single power transformer available and on dtd. 05.03.2022 transformer tripped on differential protection due to blasting of LV side(33kV) R phase cable so Hot spot removal is a must to avoid future tripping of Power transformer.
110 KV LINE Outages/Trippings							

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 shfting 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 shfting these lines on new Multicircuit Towers between Darave to Vashi.
KALYAN KALWA SALSETTE 2	IntraState	13/03/2022	16:26	13/03/2022	17:30	EO	for removing hanging object at loc. 61

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