

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Mar/2022 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.757	1651.596	1) Gujrat	-9.657	-66.833
2) Hydro	21.743	219.452	2) Madhya Pradesh	8.268	110.623
3) Gas	3.403	38.912	3) Chattisgarh	5.140	65.740
Total MSPGCL	187.903	1909.960	4) Maharashtra	158.036	1823.354
B) 1) APML	75.540	826.614	5) Goa (Amona)	-1.377	-13.057
2) JSWEL	18.819	216.149	Total	160.410	1919.827
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.681	305.252
4) RPL(AMT)	25.729	274.775	b) Mumbai Drawl	31.880	332.355
5) SWPGPL	5.366	68.568	c) MSEDCL Bilateral *	67.804	1262.937
6) Other IPP	39.119	439.751	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.681	305.252
C) 1) TPCL Thermal	13.951	138.273	Include PX	5.604	5.604
2) TPCL Hydro	5.015	48.098	Standby	0.000	0.000
3) TPCL Gas	0.000	5.521	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.938	101.475	1) MSEDCL	485.135	5403.377
D) STATE			2) Mumbai Discoms	62.783	625.724
1) Thermal	353.219	3717.201	3) Other Discoms	8.810	96.387
(A1+C1+C4+(B1-B6))			TOTAL STATE	556.728	6125.488
2) Hydro (A2+C2)	26.758	267.550			
3) Gas (A3+B7+C3)	3.403	44.433			
4) Wind	7.203	94.689			
6) SOLAR	5.736	81.786			
TOTAL STATE	396.319	4205.659			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6439	6394	6623	6394
MSPGCL Hydro	1726	1366	717	460
MSPGCL Gas	146	136	138	141
MSPGCL Total Generation	8311	7896	7478	6995
Central Sector Receipt	8207	8646	6065	5795
WIND	311	228	182	395
CPP / IPP Thermal	6922	6858	6877	6521
CPP / IPP Gas	0	0	0	0
SOLAR	762	797	6	0
Exchange with Mumbai	-1622	-1642	-1259	-1372
MSEDCL DEMAND MET	22493	22398	18934	17965
Load Shedding	0	0	0	0
MSEDCL DEMAND	22493	22398	18934	17965
TPCL GENERATION	997	962	1103	609
AEML GENERATION	500	500	502	495
MUMBAI DEMAND	3119	3104	2864	2476
OTHER DISCOM DEMAND	398	385	415	369
STATE DEMAND MET	26010	25887	22213	20810
STATE DEMAND	26010	25887	22213	20810
Frequency (Hz)	49.98	50.01	49.92	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.02 Hz at 22.00 Hrs	49.85 Hz at 07.00 Hrs	49.97	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 11/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.38	46.27	190	0
Unit 7	0.00	0.00	0	0
Unit 8	14.38	146.92	607	582
Unit 9	13.37	145.46	571	550
Unit 10	3.54	113.03	500	0
Total	34.67	451.68		
Bhusawal				
Unit 3	3.51	25.81	175	120
Unit 4	11.70	91.42	495	465
Unit 5	0.00	16.69	0	0
Total	15.20	133.92		
Parli				
Unit 6	5.59	47.20	250	156
Unit 7	5.38	45.91	245	162
Unit 8	3.82	33.64	173	146
Total	14.78	126.76		
Chandrapur				
Unit 3	1.61	44.44	189	0
Unit 4	3.81	42.53	183	121
Unit 5	8.83	73.76	380	330
Unit 6	9.74	20.71	430	390
Unit 7	8.19	96.11	415	290
Unit 8	11.30	66.57	492	443
Unit 9	10.87	110.97	479	423
Total	54.34	455.10		
Paras				
Unit 3	4.93	61.40	250	162
Unit 4	4.99	61.01	248	171
Total	9.92	122.41		
Khaparkheda				
Unit 1	3.52	36.94	155	125
Unit 2	3.33	38.60	155	115
Unit 3	4.08	45.89	192	130
Unit 4	3.90	43.65	180	153
Unit 5	11.60	114.05	491	460
Total	26.43	279.13		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	44.73	194	127
Unit 5	3.36	37.86	152	119
Total	7.42	82.59		
Uran				
All Units	3.40	38.91	154	135
Total	3.40	38.91		
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)	0.24	2.45	41	0
Total	0.24	2.45		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.96	47.98	525	40
Stage 4	7.45	71.21	1000	0
Stage 3	2.31	25.40	320	0
Total	13.72	144.60		
Hydro				
KDPH	0.86	6.71	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.30	2.62	80	0
SMLHY_PTN	6.62	62.78	291	255
GHATGHAR	0.00	0.00	0	0
Total	7.78	72.41		
Wind				
Total	7.20	94.69	0	0
Total	7.20	94.69		
CPP				
APML(Mus)	75.54	826.61	0	0
JSWEL(Mus)	18.82	216.15	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.73	274.78	0	0
SWPGPL-Mus	5.37	68.57	0	0
Other(Mus)	39.12	439.75	0	0
Total	164.57	1825.86		
SOLAR				
Total	5.74	81.79	0	0
Total	5.74	81.79		
Tata				
Trombay 5	9.46	95.30	480	267
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	3.39	0	0
Trombay 7B	0.00	2.13	0	0
TATA Hydro	5.02	48.10	444	0
Trombay 8	4.49	42.97	230	132
Total	18.97	191.89		
AEML				
DTPS U-1&2	11.94	101.48	502	475
Total	11.94	101.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.76	1651.60	MSPGCL Total	187.90	1909.96
			MSPGCL Thml+Gas	166.16	1690.51	Koyna 1,2 & 4 Total	11.41	119.20
			MSPGCL Hydro	21.74	219.45	State Total	396.32	4205.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	7298	366	144	7808	189	6904	0	0	6648	6395	-1544	19423	0	19423	2421	329	22173	49.93
2	7180	364	144	7688	207	6840	0	0	6691	6290	-1312	19414	0	19414	2223	299	21936	49.94
3	7202	360	153	7715	316	6914	0	0	6495	6051	-1203	19500	0	19500	2112	293	21905	49.99
4	7107	357	144	7608	336	6764	0	0	6463	6208	-1124	19493	0	19493	2004	299	21796	50.00
5	7235	344	144	7723	382	6863	0	0	6332	6084	-1102	19652	0	19652	2005	298	21955	50.01
6	7335	995	144	8474	422	6872	0	0	5915	5528	-951	20023	0	20023	2116	322	22461	49.97
7	7383	1778	154	9315	389	6954	0	4	5669	5365	-844	20827	0	20827	2232	356	23415	49.85
8	7051	2217	144	9412	290	7036	0	83	5788	5866	-877	21435	0	21435	2320	375	24130	49.94
9	6913	1780	144	8837	299	6957	0	315	6274	6267	-1017	21268	0	21268	2496	390	24154	49.97
10	6733	1596	140	8469	250	6951	0	526	7039	7278	-1120	21968	0	21968	2665	386	25019	49.95
11	6438	1778	139	8355	280	6962	0	692	7933	7897	-1434	22355	0	22355	2977	397	25729	49.99
12	6439	1726	146	8311	311	6922	0	762	8304	8207	-1622	22493	0	22493	3119	398	26010	49.98
13	6394	1366	136	7896	228	6858	0	797	8648	8646	-1642	22398	0	22398	3104	385	25887	50.01
14	6421	562	135	7118	205	6792	0	799	9244	9146	-1790	21894	0	21894	2960	376	25230	50.03
15	6405	525	135	7065	259	6772	0	720	9393	9354	-1865	21932	0	21932	3016	373	25321	49.98
16	6488	892	135	7515	259	6843	0	553	8581	8271	-1752	21283	0	21283	3070	406	24759	49.96
17	6595	919	137	7651	232	6897	0	344	7211	7114	-1487	20347	0	20347	3045	404	23796	50.00
18	6647	645	135	7427	235	6828	0	135	6612	6539	-1401	19342	0	19342	2968	421	22731	49.99
19	6623	717	138	7478	182	6877	0	6	6119	6065	-1259	18934	0	18934	2864	415	22213	49.92
20	6755	905	139	7799	239	6876	0	0	6065	5679	-1241	18963	0	18963	2838	389	22190	49.94
21	6729	376	150	7255	247	6854	0	0	5678	5328	-1188	18092	0	18092	2715	404	21211	50.02
22	6482	360	141	6983	446	6722	0	0	5668	5545	-1303	18004	0	18004	2584	389	20977	50.02
23	6394	460	141	6995	395	6521	0	0	5825	5795	-1372	17965	0	17965	2476	369	20810	49.89
24	6510	355	141	7006	605	6794	0	0	5801	5492	-1430	18131	0	18131	2454	336	20921	49.99
MUs	162.76	21.74	3.40	187.90	7.20	164.57	0.00	5.74	164.40	160.41	-31.88	485.14	0.00	485.14	62.78	8.81	556.73	49.97

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 11/Mar/2022

Position as on 6.30 Hrs of 12/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		Continued.	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	
MSPGCL	Koradi Unit 6	210	11/03/2022	09:52	11/03/2022	14:32	TRIPPED ON GENERATOR	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Mar/2022

Position as on 6.30 Hrs of 12/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							PROTECTION ROTOR EARTH FAULT	
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 11/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV BR Outages/Trippings							
BUS REACTOR (240 MVar) @ EKTUNI	IntraState	11/03/2022	10:24			PO	To restore Rph unit of Bus Reactor in service.
500 KV LINE Outages/Trippings							
CHANDRAPUR - PADGHE HVDC POLE 1	IntraState	10/03/2022	22:44	11/03/2022	04:23	EO	For balancing of HVDC Pole -1 base filter Z11-Z2 R-PH capacitor bank. Unbalance current (201 mA) of R-ph is near Level-2(220 mA) .Above level-2 filter will trip automatically after 1 hours.
CHANDRAPUR - PADGHE HVDC POLE 2	IntraState	12/03/2022	15:01			T	Pole-2 tripped at Padghe end.
400 KV MAINBAY Outages/Trippings							
MAIN BAY 401 OF STN T/F 1	InterState	10/03/2022	12:14			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.
MAIN BAY (406) OF PGCIL @ LAMBOTI	IntraState	07/03/2022	10:09	11/03/2022	18:57	PO	406-52 CB Overhauling.
400 KV LR Outages/Trippings							
AURANGABAD (WALUJ) - PUNE GIS CKT - 2 L/R @ WALUJ	IntraState	11/03/2022	10:58	11/03/2022	11:39	PO	AMP and Relay testing works
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
PADGHE - BOISAR (PG)	InterState	12/03/2022	14:45	12/03/2022	17:03	T	Distance Protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	09/03/2022	12:41	11/03/2022	10:44	HT	TO CONTROL LINE LOADING OF TALEGAON -CHAKAN CKT.
KORADI - KHAPERKHEDA CKT - 2	IntraState	11/03/2022	10:21	11/03/2022	18:30	PO	CVT TAN Delta
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	11/03/2022	11:17	11/03/2022	11:39	PO	For taking LR out of service
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	11/03/2022	14:09	11/03/2022	18:07	HT	For Load management of 400 kv Talegaon PG- Chakan exceeding 720 MW.
EKTUNI - BABLESHWAR CKT - 2	IntraState	11/03/2022	20:22	11/03/2022	22:56	T	Distance protection, Lightening, wind reported.
400 KV ICT Outages/Trippings							
400/220/33KV 500 MVA ICT - 1 @ KUDUS	IntraState	08/03/2022	06:01			T	Buccholz Relay Optd.
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		Continued.	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		Continued.	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 11/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KHARGHAR - TSS PANVEL	IntraState	26/02/2022	11:31		Continued.	PO	Erection of inline tower at Proposed Khandeshwar GIS, Erection of inline tower and Preparation of Cable End Termination at Proposed Panvel Timber Market
POPHALI - KDPH	IntraState	11/03/2022	09:30	11/03/2022	18:30	PO	For installation of 48F OPGW from KDPH ss to Loc no. 12
TALANDGE - MUDSHINGI CKT - 1	IntraState	11/03/2022	09:35	11/03/2022	19:16	PO	Bus isolator is stuck, hence alignment work to be carried out in coordination with hot line unit. And Diagnostic testing on own CB
CENTURI ENKA- BHOSARI	IntraState	11/03/2022	12:18	11/03/2022	12:36	T	line tripped only from century enka end
KHADKI- CENTURY ENKA	IntraState	11/03/2022	12:18	11/03/2022	13:56	T	Y-B Phase Fault, 15 KM transient fault, cloudy environment reported.
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
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 Differrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	10/03/2022	16:16	11/03/2022	02:16	T	33KV R- PHASE CT FAILED
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
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	09/03/2022	09:14	11/03/2022	18:38	PO	Routine Maintenance work.
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 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.

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