

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2022 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.619	1488.839	1) Gujrat	-7.010	-57.176
2) Hydro	18.567	197.709	2) Madhya Pradesh	12.587	102.355
3) Gas	3.815	35.509	3) Chattisgarh	3.130	60.600
Total MSPGCL	181.001	1722.057	4) Maharashtra	163.390	1665.318
B) 1) APMIL	74.756	751.074	5) Goa (Amona)	-1.262	-11.680
2) JSWEL	19.090	197.330	Total	170.835	1759.417
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.407	276.571
4) RPL(AMT)	25.645	249.046	b) Mumbai Drawl	32.459	300.475
5) SWPGPL	6.373	63.202	c) MSEDCL Bilateral *	79.360	1195.133
6) Other IPP	39.613	400.632	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.407	276.571
C) 1) TPCL Thermal	13.550	124.322	Include PX	0.000	0.000
2) TPCL Hydro	5.265	43.083	Standby	0.000	0.000
3) TPCL Gas	0.000	5.521	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.704	89.537	1) MSEDCL	490.698	4918.242
D) STATE			2) Mumbai Discoms	61.978	562.941
1) Thermal	348.350	3363.982	3) Other Discoms	8.947	87.577
(A1+C1+C4+(B1-B6))			TOTAL STATE	561.623	5568.760
2) Hydro (A2+C2)	23.832	240.792			
3) Gas (A3+B7+C3)	3.815	41.030			
4) Wind	8.149	87.486			
6) SOLAR	6.642	76.050			
TOTAL STATE	390.788	3809.340			

* 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 3 Hrs
MSPGCL Thermal	6529	6498	7115	6109
MSPGCL Hydro	1219	678	1373	344
MSPGCL Gas	149	185	151	145
MSPGCL Total Generation	7897	7361	8639	6598
Central Sector Receipt	8528	8878	5953	6367
WIND	219	142	309	557
CPP / IPP Thermal	7042	6979	6814	7010
CPP / IPP Gas	0	0	0	0
SOLAR	1037	964	0	0
Exchange with Mumbai	-1630	-1606	-1235	-1260
MSEDCL DEMAND MET	22692	22332	20079	18969
Load Shedding	0	0	0	0
MSEDCL DEMAND	22692	22332	20079	18969
TPCL GENERATION	957	935	1106	404
AEML GENERATION	500	501	501	337
MUMBAI DEMAND	3087	3042	2842	2001
OTHER DISCOM DEMAND	401	386	401	303
STATE DEMAND MET	26180	25760	23322	21273
STATE DEMAND	26180	25760	23322	21273
Frequency (Hz)	49.96	50.00	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.2 Hz at 18:01 Hrs	49.78 Hz at 16:45 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 10/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.41	42.88	190	175
Unit 7	0.00	0.00	0	0
Unit 8	14.12	132.54	602	507
Unit 9	13.57	132.09	601	530
Unit 10	11.80	109.49	530	447
Total	43.90	417.01		
Bhusawal				
Unit 3	3.15	22.30	150	115
Unit 4	6.38	79.72	475	0
Unit 5	0.00	16.69	0	0
Total	9.53	118.71		
Parli				
Unit 6	5.39	41.62	250	150
Unit 7	4.52	40.54	245	108
Unit 8	3.97	29.82	182	143
Total	13.89	111.98		
Chandrapur				
Unit 3	4.16	42.83	186	155
Unit 4	3.98	38.73	168	160
Unit 5	8.68	64.93	380	345
Unit 6	3.64	10.98	390	0
Unit 7	7.82	87.92	410	260
Unit 8	10.44	55.27	460	416
Unit 9	10.25	100.10	450	394
Total	48.98	400.76		
Paras				
Unit 3	4.70	56.47	242	140
Unit 4	5.12	56.02	243	149
Total	9.82	112.50		
Khaparkheda				
Unit 1	3.02	33.42	145	115
Unit 2	3.19	35.27	150	115
Unit 3	3.73	41.81	167	130
Unit 4	3.89	39.75	178	140
Unit 5	11.60	102.46	490	474
Total	25.43	252.71		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.78	40.68	193	122
Unit 5	3.28	34.50	155	117
Total	7.06	75.18		
Uran				
All Units	3.82	35.51	207	140
Total	3.82	35.51		
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)	0.27	2.20	25	0
Total	0.27	2.20		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.40	44.02	455	40
Stage 4	5.56	63.76	982	0
Stage 3	2.26	23.09	240	0
Total	11.22	130.88		
Hydro				
KDPH	0.86	5.85	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.30	2.32	80	0
SMLHY_PTN	5.91	56.17	279	184
GHATGHAR	0.00	0.00	0	0
Total	7.08	64.63		
Wind				
Total	8.15	87.49	0	0
Total	8.15	87.49		
CPP				
APML(Mus)	74.76	751.07	0	0
JSWEL(Mus)	19.09	197.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.64	249.05	0	0
SWPGPL-Mus	6.37	63.20	0	0
Other(Mus)	39.61	400.63	0	0
Total	165.48	1661.28		
SOLAR				
Total	6.64	76.05	0	0
Total	6.64	76.05		
Tata				
Trombay 5	9.16	85.84	469	270
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	5.26	43.08	444	0
Trombay 8	4.38	38.48	235	132
Total	18.82	172.93		
AEML				
DTPS U-1&2	10.70	89.54	502	334
Total	10.70	89.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.62	1488.84	MSPGCL Total	181.00	1722.06
			MSPGCL Thml+Gas	162.43	1524.35	Koyna 1,2 & 4 Total	8.96	107.79
			MSPGCL Hydro	18.57	197.71	State Total	390.79	3809.34

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	6167	365	145	6677	542	6810	0	0	7179	6882	-1542	19032	0	19032	2286	337	21655	50.01
2	6061	348	154	6563	535	6744	0	0	7195	6824	-1386	18960	0	18960	2127	320	21407	50.01
3	6109	344	145	6598	557	7010	0	0	6924	6367	-1260	18969	0	18969	2001	303	21273	50.00
4	6011	347	144	6502	579	6703	0	0	6965	6829	-1167	19155	0	19155	1905	291	21351	49.99
5	6109	378	155	6642	513	6651	0	0	6999	6753	-1141	19104	0	19104	1885	314	21303	49.99
6	6257	557	145	6959	500	6940	0	0	6893	6644	-954	19741	0	19741	1980	348	22069	49.98
7	6339	1651	146	8136	562	7076	0	3	6274	6313	-742	20981	0	20981	2100	367	23448	49.97
8	6366	1923	146	8435	581	7076	0	107	6337	6376	-834	21364	0	21364	2257	377	23998	49.97
9	6579	990	156	7725	510	7035	0	329	7556	7476	-1267	21397	0	21397	2518	410	24326	49.99
10	6593	1235	143	7971	379	7072	0	614	7746	7912	-1491	22048	0	22048	2810	409	25267	49.93
11	6654	1078	140	7872	295	7066	0	844	8191	8389	-1507	22557	0	22557	3014	402	25973	49.95
12	6529	1219	149	7897	219	7042	0	1037	8546	8528	-1630	22692	0	22692	3087	401	26180	49.96
13	6498	678	185	7361	142	6979	0	964	8942	8878	-1606	22332	0	22332	3042	386	25760	50.00
14	6412	386	200	6998	112	6711	0	907	9278	9367	-1697	22040	0	22040	2918	358	25316	50.01
15	6609	342	207	7158	116	6940	0	840	9220	9106	-1795	21974	0	21974	2999	390	25364	49.95
16	6763	855	195	7813	119	6959	0	558	8517	8149	-1571	21633	0	21633	3060	394	25087	49.90
17	6907	753	206	7866	157	6993	0	330	7456	7068	-1399	20600	0	20600	3034	415	24049	49.95
18	7013	872	182	8067	144	6853	0	100	6528	6396	-1306	19836	0	19836	2941	418	23195	49.98
19	7005	989	141	8135	274	6838	0	9	6153	5952	-1262	19539	0	19539	2880	407	22826	49.98
20	7115	1373	151	8639	309	6814	0	0	6113	5953	-1235	20079	0	20079	2842	401	23322	49.93
21	7231	637	141	8009	255	6833	0	0	6047	5826	-1208	19323	0	19323	2724	392	22439	50.00
22	7075	508	143	7726	255	6577	0	0	6180	6263	-1389	19047	0	19047	2595	385	22027	50.00
23	7103	383	143	7629	271	6856	0	0	6085	6188	-1396	19184	0	19184	2511	364	22059	49.99
24	7114	355	153	7622	223	6899	0	0	6706	6397	-1674	19111	0	19111	2462	356	21929	50.00
MUs	158.62	18.57	3.81	181.00	8.15	165.48	0.00	6.64	174.03	170.84	-32.46	490.70	0.00	490.70	61.98	8.95	561.62	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 10/Mar/2022

Position as on 6.30 Hrs of 11/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 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-2	125	17/02/2022	21:55	10/03/2022	20:35	SFC HEAVY FAULT. Pumping Trial success	
MSPGCL	Ghatghar Unit-1	125	17/02/2022	21:55		Continued.	SFC HEAVY FAULT	
MSPGCL	Uran Unit 6	108	21/02/2022	00:37	10/03/2022	11:05	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	10/03/2022	12:13	turbine bearing no.7 vibration high	
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	
MSPGCL	Bhusawal Unit 4	500	08/03/2022	11:35	10/03/2022	07:34	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	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Mar/2022

Position as on 6.30 Hrs of 11/Mar/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							20:35HRS TO 22:35HRS DT.10/03/22)	
MSPGCL	Koradi Unit-10	660	11/03/2022	07:16		Continued.	Electrical Fault	
MSPGCL	Chandrapur Unit 3	210	11/03/2022	08:43		Continued.	WITHDRAWN FOR ATTENDING HPCV-I STEAM LEAKAGE WORK	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 11/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/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			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
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	09/03/2022	12:41			HT	TO CONTROL LINE LOADING OF TALEGAON -CHAKAN CKT.
KORADI-NANDGAONPETH (RPL)	IntraState	10/03/2022	11:00	10/03/2022	20:25	PO	Bus1(29A) & Bus2(29B) PG isolator alignment setting and trials work by agency
220 KV TAPTITANDA (400 KV) - WALUJ CKT- 1	IntraState	10/03/2022	17:18	10/03/2022	23:51	T	Tripped on Distance Protection. Y-ph string Flashover found. string replacement work in progress
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			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
KALMESHWAR-PANDHURNA	IntraState	09/03/2022	09:29	10/03/2022	05:50	PO	Routine Maintenance & Dignostic testing work
KHAREPATAN -PAWAS LINE	IntraState	10/03/2022	09:06	10/03/2022	19:57	PO	Chemical washing of line insulator
POPHALI - KDPH	IntraState	10/03/2022	09:35	10/03/2022	19:10	PO	For installation of 48F OPGW from KDPH ss to Loc no. 12
WALCHANDNAGAR-LONI DEOKAR	IntraState	10/03/2022	11:28	10/03/2022	16:20	PO	DIAGNOSTIC TESTING WORK
LONIDEOKAR TAP ON WALCHANDNAGAR- BHIGWAN CKT	IntraState	10/03/2022	14:20	10/03/2022	16:20	PO	DIAGNOSTIC TESTING WORK
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 10/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 11/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
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	10/03/2022	16:16	11/03/2022	02:16	T	33KV R- PHASE CT FAILED
132 KV LINE Outages/Trippings							
KANHAN-PENCH	IntraState	09/03/2022	09:14			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 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