

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Mar/2022 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.498	1330.220	1) Gujrat	-6.592	-50.166
2) Hydro	23.267	179.142	2) Madhya Pradesh	12.788	89.768
3) Gas	3.467	31.694	3) Chattisgarh	5.700	57.470
Total MSPGCL	173.232	1541.056	4) Maharashtra	163.009	1501.928
B) 1) APML	74.899	676.318	5) Goa (Amona)	-1.254	-10.418
2) JSWEL	20.175	178.240	Total	173.651	1588.582
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.895	247.165
4) RPL(AMT)	25.486	223.401	b) Mumbai Drawl	32.570	268.016
5) SWPGPL	6.323	56.829	c) MSEDCL Bilateral *	86.175	1115.773
6) Other IPP	40.268	361.019	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.895	247.165
C) 1) TPCL Thermal	13.738	110.772	Include PX	0.000	0.000
2) TPCL Hydro	4.933	37.818	Standby	0.000	0.000
3) TPCL Gas	0.000	5.521	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.880	78.833	1) MSEDCL	489.134	4427.544
D) STATE			2) Mumbai Discoms	61.121	500.963
1) Thermal	337.267	3015.632	3) Other Discoms	9.059	78.630
(A1+C1+C4+(B1-B6))			TOTAL STATE	559.314	5007.137
2) Hydro	28.200	216.960			
(A2+C2)					
3) Gas	3.467	37.215			
(A3+B7+C3)					
4) Wind	10.217	79.337			
6) SOLAR	6.512	69.408			
TOTAL STATE	385.663	3418.552			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6130	5998	6292	6200
MSPGCL Hydro	761	724	1819	640
MSPGCL Gas	141	140	142	144
MSPGCL Total Generation	7032	6862	8253	6984
Central Sector Receipt	8647	8716	6018	6099
WIND	708	434	568	571
CPP / IPP Thermal	7073	6736	7081	6887
CPP / IPP Gas	0	0	0	0
SOLAR	769	1005	0	0
Exchange with Mumbai	-1397	-1497	-1195	-1667
MSEDCL DEMAND MET	22423	21837	20295	18507
Load Shedding	0	0	0	0
MSEDCL DEMAND	22423	21837	20295	18507
TPCL GENERATION	1078	1012	1117	409
AEML GENERATION	501	500	500	337
MUMBAI DEMAND	2976	3009	2812	2413
OTHER DISCOM DEMAND	409	419	430	367
STATE DEMAND MET	25808	25265	23537	21287
STATE DEMAND	25808	25265	23537	21287
Frequency (Hz)	50.02	50.00	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 18:03 Hrs	49.72 Hz at 22:09 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 09/Mar/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.08	38.48	190	140
Unit 7	0.00	0.00	0	0
Unit 8	13.36	118.43	601	441
Unit 9	14.07	118.52	600	550
Unit 10	12.24	97.69	555	460
Total	43.76	373.11		
Bhusawal				
Unit 3	3.52	19.15	165	120
Unit 4	0.00	73.34	0	0
Unit 5	0.00	16.69	0	0
Total	3.52	109.18		
Parli				
Unit 6	5.52	36.23	250	150
Unit 7	2.90	36.01	144	79
Unit 8	3.97	25.85	173	143
Total	12.39	98.09		
Chandrapur				
Unit 3	4.23	38.67	187	130
Unit 4	3.87	34.75	171	122
Unit 5	8.44	56.25	370	310
Unit 6	0.00	7.34	0	0
Unit 7	8.56	80.10	420	280
Unit 8	5.85	44.82	445	0
Unit 9	10.43	89.85	451	385
Total	41.40	351.78		
Paras				
Unit 3	5.61	51.77	250	153
Unit 4	5.65	50.90	247	153
Total	11.27	102.67		
Khaparkheda				
Unit 1	3.38	30.40	155	115
Unit 2	3.36	32.08	160	110
Unit 3	4.35	38.08	187	172
Unit 4	4.29	35.86	190	155
Unit 5	11.27	90.85	480	450
Total	26.66	227.28		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.12	36.90	191	125
Unit 5	3.39	31.22	158	120
Total	7.51	68.11		
Uran				
All Units	3.47	31.69	155	135
Total	3.47	31.69		
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)	0.09	1.93	23	0
Total	0.09	1.93		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.70	40.62	480	45
Stage 4	7.79	58.20	1000	0
Stage 3	2.39	20.83	320	0
Total	15.88	119.66		
Hydro				
KDPH	0.86	4.99	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.29	0	0
BHIRA T.R.	0.30	2.02	80	0
SMLHY_PTN	6.13	50.25	267	236
GHATGHAR	0.00	0.00	0	0
Total	7.29	57.55		
Wind				
Total	10.22	79.34	0	0
Total	10.22	79.34		
CPP				
APML(Mus)	74.90	676.32	0	0
JSWEL(Mus)	20.18	178.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.49	223.40	0	0
SWPGPL-Mus	6.32	56.83	0	0
Other(Mus)	40.27	361.02	0	0
Total	167.15	1495.81		
SOLAR				
Total	6.51	69.41	0	0
Total	6.51	69.41		
Tata				
Trombay 5	9.40	76.68	477	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	4.93	37.82	439	0
Trombay 8	4.34	34.10	233	129
Total	18.67	154.11		
AEML				
DTPS U-1&2	9.88	78.83	501	334
Total	9.88	78.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.50	1330.22	MSPGCL Total	173.23	1541.06
			MSPGCL Thml+Gas	149.96	1361.91	Koyna 1,2 & 4 Total	13.49	98.82
			MSPGCL Hydro	23.27	179.14	State Total	385.66	3418.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	6097	588	145	6830	352	6996	0	0	6846	7054	-1358	19547	0	19547	2245	327	22119	49.96
2	6092	603	154	6849	226	6982	0	0	7152	6814	-1303	19276	0	19276	2078	292	21646	49.94
3	5991	409	145	6545	306	7031	0	0	7494	7300	-1213	19686	0	19686	1954	283	21923	49.99
4	5977	343	155	6475	264	7022	0	0	7482	7174	-1145	19519	0	19519	1884	271	21674	49.96
5	5987	457	145	6589	300	7015	0	0	7185	7111	-1112	19626	0	19626	1856	277	21759	49.98
6	5968	1118	146	7232	315	7014	0	0	6967	6844	-1057	20019	0	20019	1953	329	22301	49.95
7	5998	1836	155	7989	374	7097	0	10	6146	6380	-768	20712	0	20712	2083	370	23165	49.89
8	5999	2163	146	8308	433	7110	0	106	6249	6390	-844	21106	0	21106	2248	397	23751	49.94
9	6076	1770	145	7991	385	7095	0	348	7004	7005	-1122	21310	0	21310	2508	392	24210	50.03
10	6116	1431	152	7699	624	7121	0	613	7741	7852	-1328	22157	0	22157	2785	424	25366	49.95
11	6130	761	141	7032	708	7073	0	769	8425	8647	-1397	22423	0	22423	2976	409	25808	50.02
12	6121	741	140	7002	510	6927	0	887	9007	8624	-1518	22015	0	22015	3047	417	25479	50.01
13	5998	724	140	6862	434	6736	0	1005	8762	8716	-1497	21837	0	21837	3009	419	25265	50.00
14	5745	807	135	6687	288	6541	0	871	9199	9338	-1799	21534	0	21534	2850	392	24776	50.04
15	5898	879	136	6913	200	6684	0	791	9574	9570	-1973	21771	0	21771	2938	414	25123	49.97
16	6343	816	135	7294	179	6965	0	655	9101	8540	-1878	21349	0	21349	3005	406	24760	49.93
17	6391	861	137	7389	300	7023	0	341	7749	7272	-1577	20335	0	20335	3013	413	23761	49.91
18	6389	1190	139	7718	434	7027	0	112	6595	6248	-1394	19726	0	19726	2935	419	23080	49.99
19	6380	1443	150	7973	457	7050	0	4	6126	5960	-1221	19797	0	19797	2844	426	23067	49.95
20	6292	1819	142	8253	568	7081	0	0	6104	6018	-1195	20295	0	20295	2812	430	23537	49.98
21	6273	791	143	7207	722	7073	0	0	6452	5896	-1194	19303	0	19303	2676	401	22380	50.00
22	5964	477	153	6594	654	6718	0	0	6715	6515	-1428	18655	0	18655	2546	398	21599	49.97
23	6073	600	144	6817	613	6883	0	0	6327	6284	-1582	18629	0	18629	2463	386	21478	49.92
24	6200	640	144	6984	571	6887	0	0	6532	6099	-1667	18507	0	18507	2413	367	21287	49.98
MUs	146.50	23.27	3.47	173.23	10.22	167.15	0.00	6.51	176.93	173.65	-32.57	489.13	0.00	489.13	61.12	9.06	559.31	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 09/Mar/2022

Position as on 6.30 Hrs of 10/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	Ghatghar Unit-2	125	17/02/2022	21:55	10/03/2022	20:35	SFC HEAVY FAULT. Pumping Trial success	
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	
MSPGCL	Chandrapur Unit 8	500	04/03/2022	12:04	09/03/2022	07:43	SPRR OPERATED (SUDDEN PRESSURE RISE RELAY)	
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	Koyana STG-IV Unit-3	250	09/03/2022	18:45	09/03/2022	22:46	DOWN STREAM CONTROL FAULT	
MSPGCL	Uran Unit 6	108	10/03/2022	18:07		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 10/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	Buccholsz Relay Optd.
400/220/20 KV 100 MVA SPARE BHEL ICT @ KORADI	IntraState	09/03/2022	12:07	09/03/2022	17:41	PO	29B & 29D Center break isolator alignment setting and trials by agency
400 KV BR Outages/Trippings							
125 MVar BUS REACTOR @ TALANDGE	IntraState	09/03/2022	10:05	09/03/2022	20:08	PO	1. Annual Maintenance work 2. Annual Relay Testing work.
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
KALMESHVAR-PANDHURNA	IntraState	09/03/2022	09:29	10/03/2022	05:50	PO	Routine Maintenance & Dignostic testing work
WAGHIVALI - DHARAVI 8	IntraState	09/03/2022	14:07	09/03/2022	14:32	EO	For removing Hanging obkect at loc 56
OSMANABAD - BARSHI	IntraState	09/03/2022	15:17	09/03/2022	17:54	PO	An outage is required for Quarterly Maintenance

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2022

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
POPHLI PEDHMBE LINE- 2	IntraState	09/03/2022	20:28	09/03/2022	21:55	T	Bus Section CB Pole Discrepancy at Pedambe
PEDHAMBE ONI LINE	IntraState	09/03/2022	20:28	09/03/2022	22:03	T	Bus Section CB Pole Discrepancy at Pedambe
ADLABS - PEDAMBE	IntraState	09/03/2022	20:28	09/03/2022	22:00	T	Bus Section CB Pole Discrepancy at Pedambe
NERLE - PEDAMBE	IntraState	09/03/2022	20:28	09/03/2022	22:05	T	Bus Section CB Pole Discrepancy at Pedambe
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.
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 Diferrential protection and Declare faulty
220/132 KV 100 MVA ICT 1 @ LONIKAND 2	IntraState	01/03/2022	18:17			T	Differential Protection
220/132KV 100 MVA ICT NO 2 @ MAGARPATTA	IntraState	09/03/2022	17:48	09/03/2022	18:40	HT	TO RESET TCIV INDICATION .
220/33 KV 50 MVA PTR 1 @ KHARGHAR	IntraState	10/03/2022	16:16		Continued.	T	33KV R- PHASE CT FAILED
220 KV BUSBAR Outages/Trippings							
BUS - 2 @ SOLAPUR (PG)	InterState	09/03/2022	08:54	09/03/2022	17:39	PO	220kV Bus#2 AMP Works
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 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