

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Mar/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.516	1719.743	1) Gujrat	10.557	80.034
2) Hydro	6.214	69.245	2) Madhya Pradesh	14.313	159.629
3) Gas	6.637	88.902	3) Chattisgarh	5.270	56.780
Total MSPGCL	171.367	1877.890	4) Maharashtra	110.065	1332.650
B) 1) APLM	68.951	758.098	5) Goa (Amona)	-0.440	-4.576
2) JSWEL	16.137	168.808	Total	139.765	1624.517
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.061	237.456
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	25.778	268.644
5) WPCL	2.584	28.920	c) MSEDCL Bilateral *	32.692	358.653
6) Other IPP	13.932	158.487	Include PX	3.550	30.339
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.061	237.456
C) 1) TPCL Thermal	11.902	135.917	Include PX	6.736	74.558
2) TPCL Hydro	4.182	38.354	Standby	0.000	0.000
3) TPCL Gas	2.763	35.974	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.133	103.925	1) MSEDCL	411.709	4649.510
D) STATE			2) Mumbai Discoms	53.758	582.814
1) Thermal	281.155	3138.309	TOTAL STATE	465.467	5232.324
(A1+C1+C4+(B1-B6))					
2) Hydro	10.396	107.599			
(A2+C2)					
3) Gas	9.400	124.876			
(A3+B7+C3)					
4) Wind	17.236	156.195			
6) SOLAR	7.515	80.828			
TOTAL STATE	325.702	3607.807			

* 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	7089	7032	6944	6169
MSPGCL Hydro	230	199	459	130
MSPGCL Gas	268	276	267	274
MSPGCL Total Generation	7587	7507	7670	6573
Central Sector Receipt	7593	7354	5481	3826
WIND	581	514	600	916
CPP / IPP Thermal	4611	4664	4568	3494
CPP / IPP Gas	0	0	0	0
SOLAR	1019	1012	0	0
Exchange with Mumbai	-1422	-1460	-1174	-599
MSEDCL DEMAND MET	19969	19591	17145	14210
Load Shedding	0	0	0	0
MSEDCL DEMAND	19969	19591	17145	14210
TPCL GENERATION	985	873	983	584
AEML GENERATION	375	373	373	373
MUMBAI DEMAND	2782	2706	2530	1556
STATE DEMAND MET	22751	22297	19675	15766
STATE DEMAND	22751	22297	19675	15766
Frequency (Hz)	50.02	50.04	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 12.56 Hrs	49.7 Hz at 18.40 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 11/Mar/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.66	117.73	550	340
Unit 9	11.33	129.12	545	400
Unit 10	9.58	119.86	440	360
Total	31.57	366.71		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.94	104.09	460	360
Unit 5	8.88	102.18	460	360
Total	17.82	206.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.86	54.90	240	190
Unit 7	0.00	44.16	0	0
Unit 8	5.08	57.86	250	201
Total	9.93	156.92		
Chandrapur				
Unit 3	4.14	46.02	190	163
Unit 4	3.93	43.84	171	158
Unit 5	9.40	45.53	445	354
Unit 6	9.54	107.44	480	360
Unit 7	9.60	77.94	460	356
Unit 8	10.46	111.10	475	360
Unit 9	10.01	108.84	458	360
Total	57.08	540.70		
Paras				
Unit 3	5.25	59.68	256	150
Unit 4	5.43	62.00	255	152
Total	10.67	121.68		
Khaparkheda				
Unit 1	4.04	43.62	185	140
Unit 2	4.17	45.20	190	160
Unit 3	4.45	47.14	200	158
Unit 4	4.36	36.88	195	160
Unit 5	10.48	110.75	500	362
Total	27.50	283.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.94	43.86	186	160
Unit 5	0.00	0.00	0	0
Total	3.94	43.86		
Uran				
All Units	6.64	88.90	286	265
Total	6.64	88.90		
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)	0.15	0.71	56	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	0.71		
Koyna				
Stage 1-2	2.98	23.55	530	40
Stage 4	0.00	12.33	0	0
Stage 3	0.52	7.58	160	0
Total	3.50	43.46		
Hydro				
KDPH	0.86	7.16	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.54	4.92	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.77	57	0
RNGR+BHTSA	0.35	3.56	15	14
BHANDARDRA	0.46	2.08	26	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	4.81	15	14
GHATGHAR	0.00	1.49	0	0
Total	2.71	25.78		
Wind				
Total	17.24	156.20	0	0
Total	17.24	156.20		
CPP				
APML(Mus)	68.95	758.10	0	0
JSWEL(Mus)	16.14	168.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.58	28.92	0	0
Other(Mus)	13.93	158.49	0	0
Total	101.60	1178.72		
SOLAR				
Total	7.52	80.83	0	0
Total	7.52	80.83		
Tata				
Trombay 5	7.63	86.99	464	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.56	21.59	65	64
Trombay 7B	1.20	14.38	51	49
Trombay 8	4.27	48.93	236	173
TATA Hydro	4.18	38.35	379	0
Total	18.85	210.24		
AEML				
DTPS U-1&2	9.13	103.92	493	373
Total	9.13	103.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.52	1719.74	MSPGCL Total	171.37	1877.89
			MSPGCL Thml+Gas	165.15	1808.64	Koyna 1,2 & 4 Total	2.98	35.88
			MSPGCL Hydro	6.21	69.24	State Total	325.70	3607.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/Mar/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6167	126	283	6576	792	3504	0	0	4151	4284	-802	14354	0	14354	1785	16139	50.01
2	6166	121	282	6569	815	3518	0	0	4158	4209	-711	14400	0	14400	1670	16070	50.11
3	6177	130	284	6591	876	3512	0	0	3951	3858	-637	14200	0	14200	1596	15796	50.03
4	6169	130	274	6573	916	3494	0	0	3894	3826	-599	14210	0	14210	1556	15766	50.00
5	6163	125	285	6573	898	3497	0	0	4634	4555	-606	14917	0	14917	1564	16481	49.99
6	6198	478	286	6962	727	3633	0	0	5166	5395	-722	15995	0	15995	1678	17673	49.97
7	6936	774	277	7987	689	4165	0	7	5914	5553	-785	17616	0	17616	1859	19475	50.01
8	7280	284	286	7850	519	4530	0	182	6468	6108	-671	18518	0	18518	2063	20581	49.98
9	7019	265	284	7568	418	4520	0	447	6673	6694	-1087	18560	0	18560	2327	20887	49.97
10	7068	225	282	7575	421	4527	0	711	6976	6855	-1279	18810	0	18810	2606	21416	50.03
11	7043	254	269	7566	428	4653	0	908	7022	7075	-1418	19212	0	19212	2760	21972	50.00
12	7089	230	268	7587	581	4611	0	1019	7478	7593	-1422	19969	0	19969	2782	22751	50.02
13	7032	199	276	7507	514	4664	0	1012	7555	7354	-1460	19591	0	19591	2706	22297	50.04
14	6794	179	267	7240	750	4580	0	1006	7317	6655	-1377	18854	0	18854	2576	21430	49.98
15	6541	219	265	7025	1024	4287	0	881	7171	7234	-1392	19059	0	19059	2592	21651	49.99
16	6559	289	274	7122	1013	4193	0	662	7498	7244	-1388	18846	0	18846	2601	21447	49.93
17	6590	324	274	7188	991	4294	0	477	6811	6790	-1280	18460	0	18460	2609	21069	49.93
18	6500	313	266	7079	805	4508	0	193	6024	5970	-1331	17224	0	17224	2567	19791	49.96
19	6638	175	267	7080	631	4577	0	10	5758	5736	-1307	16727	0	16727	2524	19251	49.87
20	6944	459	267	7670	600	4568	0	0	5739	5481	-1174	17145	0	17145	2530	19675	49.99
21	6518	205	279	7002	665	4552	0	0	5443	5226	-1145	16300	0	16300	2407	18707	50.02
22	6326	330	272	6928	711	4259	0	0	5353	5600	-1126	16372	0	16372	2265	18637	49.97
23	6298	252	284	6834	730	4363	0	0	5479	5365	-1091	16201	0	16201	2138	18339	49.93
24	6301	128	286	6715	722	4595	0	0	5267	5105	-968	16169	0	16169	1997	18166	49.98
MUs	158.52	6.21	6.64	171.37	17.24	101.60	0.00	7.51	141.90	139.76	-25.78	411.71	0.00	411.71	53.76	465.47	49.99

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/2020

Position as on 6.30 Hrs of 12/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	12/03/2020	00.34		Continued.	Coal Handling Plant Problem	
MSPGCL	Parli Unit 6	250	12/03/2020	01.00		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	12/03/2020	01.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 11/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar I	InterState	10/03/2020	11.40	11/03/2020	06.17	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	11/03/2020	20.30	12/03/2020	05.24	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/03/2020	18.20	11/03/2020	06.42	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	10/03/2020	10.31	11/03/2020	07.34	PO	Quarterly Maintenance work & Relay Testing.
Dhule - Bableshtar - II	IntraState	11/03/2020	09.10	11/03/2020	20.35	PO	Quarterly Maintenance Work
New Koyana - Dabhol-I	IntraState	11/03/2020	09.59	11/03/2020	19.59	PO	Relay Testing Work
Khadka-Aurangabad (Waluj)	IntraState	11/03/2020	18.28		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	11/03/2020	09.50		Continued.	PO	Replacement of B/U relay.
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
PARLY (PG) - OSMANABAD	InterState	11/03/2020	11.55	11/03/2020	16.47	PO	Line Maintenance work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Kadegaon-Miraj	IntraState	11/03/2020	08.34		Continued.	PO	Making Cut Point at In-Line 220kv 30 Deg multi ckt Tower Below Existing Karad -Kadegaon
Bapgaon - Kalwa	IntraState	11/03/2020	09.20	11/03/2020	13.40	PO	Maintenance Work
OSMANABAD BARSHI	IntraState	11/03/2020	10.02	11/03/2020	12.57	PO	Quarterly Maintenance Work
Tembhurni - Jeur	IntraState	11/03/2020	11.21	11/03/2020	14.58	PO	Quarterly Maintenance Work
Karad - Sadawagpur I	IntraState	11/03/2020	12.04	11/03/2020	20.40	T	Distance Protection
Waluj- Padegaon li	IntraState	11/03/2020	14.46	11/03/2020	15.58	T	220kv Bus Bar Operated
Padegaon-Sawangi	IntraState	11/03/2020	14.46	11/03/2020	16.01	T	220kv Bus Bar Operated
Raymond - Washala	IntraState	11/03/2020	15.17	11/03/2020	19.04	PO	Relay Testing Work
220KV Borivali (M) - Borivali (T) ckt I	IntraState	11/03/2020	20.29		Continued.	T	Distance Protection
220 KV ICT Outages/Tripping							
220/33kv 125 MVA Transformer 5 @Aarey R/S	IntraState	11/03/2020	02.32		Continued.	T	Differential protection, L V B Ph Cable.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	11/03/2020	10.25	11/03/2020	17.34	PO	Diagnostic Testing Work
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	11/03/2020	11.27	11/03/2020	17.20	PO	Isolator Repairing & Alignment work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage