

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Mar/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.217	1689.969	1) Gujrat	-1.083	0.873
2) Hydro	11.333	179.637	2) Madhya Pradesh	17.809	241.786
3) Gas	6.665	69.017	3) Chattisgarh	5.950	75.690
Total MSPGCL	164.215	1938.623	4) Maharashtra Net	119.018	1388.504
B) 1) APML	46.019	522.036	5) Goa (Amona)	-0.704	-6.952
2) JSWEL	19.908	221.967	Total	140.990	1699.901
3) VIPL	11.982	98.829	a) Mumbai Schedule	21.309	254.345
4) RPL(AMT)	12.300	209.646	b) Mumbai Drawl	25.907	272.527
5) WPCL	4.401	46.002	c) MSEDCL Bilateral *	42.207	461.525
6) PGPL	0.000	0.000	Include PX	14.708	136.830
7) Other IPP	11.563	133.326	d) Mumbai Bilateral *	21.309	254.345
C) 1) TPCL Thermal	15.569	191.521	Include PX	3.060	71.672
2) TPCL Hydro	5.048	48.550	Include Standby	0.000	0.000
3) TPCL Gas	3.564	39.130	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.825	135.366	1) MSEDCL	396.329	4699.833
D) STATE			2) Mumbai Discoms	60.913	687.111
1) Thermal	278.784	3248.662	TOTAL STATE	457.242	5386.944
(A1+C1+C4+(B1-B6))					
2) Hydro	16.381	228.187			
(A2+C2)					
3) Gas	10.229	108.147			
(A3+B6+C3)					
4) Wind	7.416	62.007			
6) SOLAR	3.442	40.023			
TOTAL STATE	316.252	3687.026			

* 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	6117	6172	6166	5561
MSPGCL Hydro	980	1002	296	117
MSPGCL Gas	260	257	341	277
MSPGCL Total Generation	7357	7431	6803	5955
Central Sector Receipt	7069	7228	5450	4721
WIND	185	142	426	470
CPP / IPP Thermal	4543	4535	4550	4162
CPP / IPP Gas	0	0	0	0
SOLAR	491	513	0	0
Exchange with Mumbai	-1289	-1308	-1092	-778
MSEDCL DEMAND MET	18356	18541	16137	14530
Load Shedding	0	0	0	0
MSEDCL DEMAND	18356	18541	16137	14530
TPCL GENERATION	1278	1285	1276	669
R-INFRA GENERATION	503	500	501	373
MUMBAI DEMAND	3070	3093	2869	1820
STATE DEMAND MET	21426	21634	19006	16350
STATE DEMAND	21426	21634	19006	16350
Frequency (Hz)	50.01	49.99	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 12:01 Hrs	49.8 Hz at 21:05 Hrs	49.96	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 12/Mar/2018

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	14.49	101.97	656	518
Unit 9	14.38	117.80	664	492
Unit 10	14.83	167.48	660	520
Total	43.70	387.24		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.44	137.24	490	365
Unit 5	11.50	138.64	500	360
Total	22.94	275.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.70	68.04	250	195
Unit 7	5.66	67.41	252	191
Unit 8	5.35	65.83	239	187
Total	16.72	201.28		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.91	128.59	479	445
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	5.48	75.20	488	0
Unit 9	11.00	135.28	480	418
Total	27.39	389.10		
Paras				
Unit 3	0.18	54.17	100	0
Unit 4	5.89	69.36	250	202
Total	6.08	123.53		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.67	36.46	204	188
Unit 4	4.93	41.81	210	193
Unit 5	11.33	137.24	500	440
Total	20.93	215.51		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	49.45	179	160
Unit 5	4.40	44.15	195	163
Total	8.46	97.43		
Uran				
All Units	6.66	69.02	341	235
Total	6.66	69.02		
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)	0.05	0.43	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.43		
Koyna				
Stage 1-2	3.66	49.02	465	40
Stage 4	2.92	62.77	450	0
Stage 3	1.62	23.83	160	0
Total	8.20	135.62		
Hydro				
KDPH	0.63	9.28	36	18
VTRNA	1.01	13.96	61	0
TILLARI	0.29	0.79	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.61	77	0
RNGR+BHTSA	0.30	3.67	13	12
BHANDARDRA	0.47	3.92	28	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	7.49	10	9
GHATGHAR	0.00	2.30	0	0
Total	3.14	44.02		
Wind				
Total	7.42	62.01	0	0
Total	7.42	62.01		
CPP				
APML(Mus)	46.02	522.04	0	0
JSWEL(Mus)	19.91	221.97	0	0
VIPL(Mus)	11.98	98.83	0	0
RPLAMT(Mus)	12.30	209.65	0	0
WPCL(Mus)	4.40	46.00	0	0
Other(Mus)	11.56	133.33	0	0
Total	106.17	1231.81		
SOLAR				
Total	3.44	40.02	0	0
Total	3.44	40.02		
Tata				
Trombay 5	10.11	124.82	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	23.41	113	55
Trombay 7B	1.40	15.72	68	45
Trombay 8	5.46	66.70	246	199
TATA Hydro	5.05	48.55	407	19
Total	24.18	279.20		
R-INFRA				
DTPS U-1&2	10.82	135.37	503	373
Total	10.82	135.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.22	1689.97	MSPGCL Total	164.22	1938.62
			MSPGCL Thml+Gas	152.88	1758.99	Koyna 1,2 & 4 Total	6.57	111.79
			MSPGCL Hydro	11.33	179.64	State Total	316.25	3687.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Mar/2018

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	5913	341	276	6530	338	4093	0	0	5174	5240	-1112	15089	0	15089	2154	17243	49.98
2	5972	190	265	6427	443	4050	0	0	5143	4929	-963	14886	0	14886	2009	16895	49.96
3	5731	187	276	6194	584	4171	0	0	5059	4486	-834	14601	0	14601	1892	16493	49.94
4	5561	117	277	5955	470	4162	0	0	4933	4721	-778	14530	0	14530	1820	16350	49.95
5	5806	112	278	6196	427	4192	0	0	5083	5018	-770	15063	0	15063	1786	16849	49.96
6	6005	132	279	6416	384	4415	0	0	5678	5335	-800	15750	0	15750	1876	17626	49.93
7	6005	489	278	6772	333	4557	0	0	6286	5846	-645	16863	0	16863	2021	18884	49.93
8	6010	564	279	6853	227	4554	0	57	6366	6308	-711	17288	0	17288	2167	19455	49.98
9	5982	338	266	6586	154	4558	0	180	6039	6133	-921	16690	0	16690	2430	19120	49.92
10	6059	733	274	7066	172	4559	0	318	6034	6293	-1054	17354	0	17354	2752	20106	49.93
11	6090	730	271	7091	189	4570	0	426	6359	6347	-1253	17370	0	17370	2984	20354	49.93
12	6117	980	260	7357	185	4543	0	491	6900	7069	-1289	18356	0	18356	3070	21426	50.01
13	6172	1002	257	7431	142	4535	0	513	6925	7228	-1308	18541	0	18541	3093	21634	49.99
14	6230	992	258	7480	140	4506	0	436	6706	6789	-1236	18115	0	18115	3015	21130	50.03
15	6294	940	266	7500	153	4518	0	439	7047	6869	-1262	18217	0	18217	3044	21261	49.91
16	6313	892	278	7483	156	4528	0	319	7116	7200	-1213	18473	0	18473	3030	21503	49.96
17	6437	930	280	7647	142	4522	0	198	6868	6759	-1205	18063	0	18063	3023	21086	49.96
18	6415	457	290	7162	156	4518	0	63	6019	6141	-1170	16870	0	16870	2947	19817	49.97
19	6272	257	300	6829	276	4463	0	2	5387	5379	-1146	15803	0	15803	2819	18622	49.94
20	6166	296	341	6803	426	4550	0	0	5411	5450	-1092	16137	0	16137	2869	19006	49.96
21	6121	173	335	6629	473	4452	0	0	5447	5098	-1254	15398	0	15398	2718	18116	49.95
22	6158	168	248	6574	535	4320	0	0	5456	5473	-1258	15644	0	15644	2548	18192	49.96
23	6230	159	235	6624	502	4452	0	0	5513	5410	-1341	15647	0	15647	2463	18110	49.94
24	6158	154	298	6610	409	4386	0	0	5550	5469	-1292	15582	0	15582	2383	17965	49.94
MUs	146.22	11.33	6.67	164.21	7.42	106.17	0.00	3.44	142.50	140.99	-25.91	396.33	0.00	396.33	60.91	457.24	49.96

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/2018

Position as on 6.30 Hrs of 13/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Mar/2018

Position as on 6.30 Hrs of 13/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11	12/03/2018	14.57	Gas shortage	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11	12/03/2018	22.26	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	suspected btl.	
MSPGCL	Chandrapur Unit-8	500	06/03/2018	23.05	12/03/2018	08.30	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	10/03/2018	08.51	12/03/2018	21.18	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	12/03/2018	21.19		Continued.	Turbine oil Leakage	
MSPGCL	Paras Unit 3	250	12/03/2018	23.24		Continued.	Air heater problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2018

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 1	IntraState	12/03/2018	18.18	12/03/2018	23.39	PO	To rectify high winding temperature of pole-I Y Phase Converter T/F
400 KV LINE Outages/Trippings							
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 II	InterState	10/03/2018	17.41	12/03/2018	10.06	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/03/2018	18.07	13/03/2018	06.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/03/2018	17.53	12/03/2018	06.48	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	12/03/2018	06.13	12/03/2018	13.44	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	12/03/2018	14.08	12/03/2018	19.18	PO	Cold Line Insulator cleaning work
Bhusawal-Aurangabad	IntraState	12/03/2018	18.13	13/03/2018	06.23	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT-II @Akola	IntraState	12/03/2018	08.54	12/03/2018	19.09	PO	Testing Work
400/220KV 500MVA ICT-I @Nanded	IntraState	12/03/2018	13.14	12/03/2018	14.30	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Talandage(400kv) - Five Star Midc	IntraState	12/03/2018	09.28	12/03/2018	19.20	PO	Insulator Cleaning work
Kolhapur-Bidri	IntraState	12/03/2018	09.30	12/03/2018	18.25	PO	Insulator Cleaning work
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work
Talandge-Mudshingi Ckt-I	IntraState	12/03/2018	11.18	12/03/2018	15.00	PO	Jumper Removing work
Nadgaonpeth-Amravati	IntraState	12/03/2018	13.00	12/03/2018	13.11	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	12/03/2018	13.35	12/03/2018	14.18	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/132kv 150MVA ICT-II @ Satana	IntraState	12/03/2018	15.22	12/03/2018	18.28	PO	Routine Maintenance Work

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