

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Mar/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.613	998.876	1) Gujrat	-1.215	-29.940
2) Hydro	9.067	69.946	2) Madhya Pradesh	11.090	108.931
3) Gas	10.838	105.923	3) Chattisgarh	6.530	62.980
Total MSPGCL	127.518	1174.745	4) Maharashtra Net	91.049	850.005
B) 1) APML	59.545	628.620	5) Goa (Amona)	-0.564	-7.748
2) JSWEL	27.540	247.666	6) TAPS 1&2 Injection	3.696	36.255
3) VIPL	13.194	119.595	7) RGPPL Injection	11.664	115.946
4) RPL(AMT)	17.411	159.598	8) Pench (MS)	0.348	1.295
5) WPCL	4.823	36.263	9) Pench (Excess)	-0.348	-1.295
6) Other IPP	8.368	83.140	Total	121.902	1135.134
C) 1) TPCL Thermal	13.947	122.471	a) Mumbai Schedule	22.379	199.205
2) TPCL Hydro	4.174	33.537	b) Mumbai Drawl	24.027	253.743
3) TPCL Gas	4.197	40.863	c) MSEDCL Bilateral *	33.928	285.892
4) R-INFRA Thermal	11.746	111.431	Include PX	0.000	-15.446
D) STATE			d) Mumbai Bilateral *	22.379	199.205
1) Thermal	264.187	2507.660	Include PX	3.170	28.874
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.241	103.483	H) ENERGY CATERED (MUs)		
3) Gas	15.035	146.786	1) MSEDCL	363.334	3414.250
4) Wind	5.679	70.932	2) Mumbai Discoms	58.091	562.043
6) SOLAR	1.381	12.300	TOTAL STATE	421.425	3976.293
TOTAL STATE	299.523	2841.161			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4792	4482	4425	4137
MSPGCL Hydro	1024	802	200	94
MSPGCL Gas	430	429	458	474
MSPGCL Total Generation	6246	5713	5083	4705
Central Sector Receipt	5466	5769	5021	4535
WIND	92	79	328	373
CPP / IPP	5651	5652	5642	4772
SOLAR	165	136	0	0
Exchange with Mumbai	-1234	-1285	-998	-630
MSEDCL DEMAND MET	16386	16064	15076	13755
Load Shedding	4	4	4	4
MSEDCL DEMAND	16390	16068	15080	13759
TPCL GENERATION	1141	1100	1212	662
R-INFRA GENERATION	516	517	519	404
MUMBAI DEMAND	2891	2902	2729	1696
STATE DEMAND MET	19277	18966	17805	15451
STATE DEMAND	19281	18970	17809	15455
Frequency (Hz)	49.94	49.91	49.86	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18:02 Hrs	49.61 Hz at 18:57 Hrs	49.93	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 10/Mar/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	4.01	0	0
Unit 8	4.06	79.53	355	0
Total	4.06	83.54		
Bhusawal				
Unit 2	4.42	22.04	195	160
Unit 3	4.20	30.68	180	170
Unit 4	0.00	0.00	0	0
Unit 5	10.72	86.58	510	345
Total	19.34	139.30		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.54	43.78	199	168
Unit 4	4.35	42.23	190	163
Unit 5	10.78	98.30	480	365
Unit 6	0.00	40.63	0	0
Unit 7	9.87	96.22	440	360
Total	29.54	321.15		
Paras				
Unit 3	5.78	38.75	255	213
Unit 4	5.93	17.08	259	200
Total	11.71	55.83		
Khaparkheda				
Unit 1	4.01	39.36	175	155
Unit 2	4.08	40.18	185	160
Unit 3	0.00	28.17	0	0
Unit 4	4.47	42.23	206	160
Unit 5	11.06	105.75	500	370
Total	23.63	255.69		
Nasik				
Unit 3	4.45	41.76	210	160
Unit 4	4.20	40.30	197	157
Unit 5	4.43	41.47	202	152
Total	13.08	123.54		
Uran				
All Units	10.84	105.92	479	420
Total	10.84	105.92		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.35	1.30	47	0
Total	0.35	1.30		
Koyna				
Stage 1-2	3.68	32.19	500	40
Stage 4	1.99	12.82	420	0
Stage 3	1.72	7.90	160	0
Total	7.39	52.90		
Hydro				
KDPH	0.41	2.67	17	17
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.10	40	0
RNGR+BHTSA	0.21	1.92	11	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.77	9.42	32	31
GHATGHAR	0.00	0.00	0	0
Total	1.67	17.04		
Wind				
Total	5.68	70.93	0	0
Total	5.68	70.93		
CPP				
APML(Mus)	59.54	628.62	0	0
JSWEL(Mus)	27.54	247.67	0	0
VIPL(Mus)	13.19	119.60	0	0
RPLAMT(Mus)	17.41	159.60	0	0
WPCL(Mus)	4.82	36.26	0	0
Other(Mus)	8.37	83.14	0	0
Total	130.88	1274.88		
SOLAR				
Total	1.38	12.30	0	0
Total	1.38	12.30		
Tata				
Trombay 5	9.59	92.53	456	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	25.41	114	104
Trombay 7B	1.57	15.46	67	64
Trombay 8	4.36	29.94	249	155
TATA Hydro	4.17	33.54	443	0
Total	22.32	196.87		
R-INFRA				
1-2	11.75	111.43	519	403
Total	11.75	111.43		

Infirm Power	Chandrapur 8	0.00	Koradi 9	6.25
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.61	998.88
MSPGCL Thml+Gas	118.45	1104.80

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.07	69.95
MSPGCL Total	127.52	1174.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.67	45.01
State Total	299.52	2841.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Mar/2016

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													
1	4484	88	462	5034	281	5237	0	4819	4637	-974	14215	4	14219	2038	16257	49.93
2	4437	89	474	5000	294	5221	0	4743	4430	-788	14157	4	14161	1854	16015	49.93
3	4210	99	464	4773	360	5204	0	4744	4299	-699	13937	4	13941	1763	15704	49.95
4	4137	94	474	4705	373	4772	0	4746	4535	-630	13755	4	13759	1696	15455	49.94
5	4229	114	464	4807	424	4650	0	4743	4691	-612	13960	4	13964	1678	15642	49.92
6	4288	100	476	4864	443	5050	0	4873	5067	-685	14739	4	14743	1775	16518	49.91
7	4696	110	471	5277	426	5492	1	4992	5061	-622	15635	4	15639	1929	17568	49.89
8	5041	182	475	5698	378	5633	20	5011	5223	-680	16272	4	16276	2037	18313	49.97
9	4994	378	465	5837	234	5630	73	5162	5042	-910	15906	4	15910	2273	18183	49.96
10	4963	832	460	6255	196	5655	125	5264	5343	-1096	16478	4	16482	2647	19129	49.96
11	4792	1024	430	6246	92	5651	165	5366	5466	-1234	16386	4	16390	2891	19281	49.94
12	4690	1180	456	6326	60	5667	187	5424	5217	-1207	16250	4	16254	2923	19177	49.94
13	4533	649	421	5603	49	5668	186	5538	5561	-1172	15895	4	15899	2920	18819	49.92
14	4405	528	420	5353	33	5667	201	5533	5724	-1236	15742	4	15746	2841	18587	49.93
15	4526	633	426	5585	44	5660	159	5551	5759	-1303	15904	4	15908	2899	18807	49.93
16	4482	802	429	5713	79	5652	136	5476	5769	-1285	16064	4	16068	2902	18970	49.91
17	4484	878	423	5785	147	5660	91	5291	5140	-1297	15526	4	15530	2912	18442	49.92
18	4485	465	443	5393	224	5638	34	4488	4166	-1175	14280	4	14284	2853	17137	49.95
19	4514	217	433	5164	262	5637	3	4723	4566	-1104	14528	4	14532	2720	17252	49.92
20	4425	200	458	5083	328	5642	0	5318	5021	-998	15076	4	15080	2729	17809	49.86
21	4350	105	435	4890	287	5616	0	5318	5415	-1098	15110	4	15114	2650	17764	49.90
22	4257	100	449	4806	198	5412	0	5137	5249	-1136	14529	4	14533	2503	17036	49.94
23	4142	100	479	4721	198	5382	0	5108	5358	-1057	14602	4	14606	2374	16980	49.89
24	4049	100	451	4600	269	5385	0	4976	5163	-1029	14388	4	14392	2284	16676	49.93
MUs	107.61	9.07	10.84	127.52	5.68	130.88	1.38	122.34	121.90	-24.03	363.33	0.10	363.43	58.09	421.52	49.93

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/2016

Position as on 6.30 Hrs of 11/Mar/2016

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,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 3	210	08/03/2016	22.07	10/03/2016	20.56	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	09/03/2016	03.34		Continued.	Reheater Protection	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Mar/2016

Position as on 6.30 Hrs of 11/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Operated.	
IPP	Adani U-3	660	09/03/2016	18.07		Continued.	Hydrogen cooler inlet valve flange leakage.	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evecuation Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2016

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	10/03/2016	03.29	10/03/2016	11.38	T	thyristor fire protection operated at chandrapur end
Chandrapur - Padghe Hvdc Pole 2	IntraState	10/03/2016	21.32	11/03/2016	00.33	PO	Testing of control & protection card
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	09/03/2016	17.36	10/03/2016	07.04	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	10/03/2016	02.16	10/03/2016	07.12	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	10/03/2016	13.47	10/03/2016	19.35	PO	Attending Hot Spot
Dhule Sar'Sarovar I	InterState	10/03/2016	17.05		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	11/03/2016	02.21		Continued.	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/03/2016	03.13	11/03/2016	06.40	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Bhusawal-Aurangabad	IntraState	26/02/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	09/03/2016	16.47	10/03/2016	09.16	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/03/2016	17.02	10/03/2016	09.19	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	10/03/2016	09.34		Continued.	PO	Line Maintenance work
karad -kolhapur-I	IntraState	10/03/2016	16.34		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/03/2016	16.35		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	11/03/2016	02.21	11/03/2016	06.27	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	10/03/2016	08.37	10/03/2016	13.24	PO	Diagnostic testing work
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	11/03/2016	02.26	11/03/2016	06.38	T	due to burning of differntila control cable
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableswhar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Khadka-Chalisgaon-1	IntraState	29/02/2016	10:08		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Khadka-Chalisgaon-2	IntraState	29/02/2016	10:14		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Wadkhal - Ipcl 1	IntraState	09/03/2016	08.55		Continued.	PO	Conductor Stringing Work.
Chakan-Chinchwad	IntraState	09/03/2016	20.29	10/03/2016	05.33	PO	erection of narow base m/c tower
Telco- Chinchwad	IntraState	09/03/2016	20.32	10/03/2016	05.34	PO	eration of nerow m/c tower
Flagship-Nandedcity	IntraState	10/03/2016	05.42	10/03/2016	20.42	PO	chinchwad outage
Goregaon Aarey Line 2	IntraState	10/03/2016	08.20	10/03/2016	20.20	PO	CVT Replacement

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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 11/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti-Vita	IntraState	10/03/2016	11.27	10/03/2016	12.16	T	Distance Protection
Niwali - Pawas Line	IntraState	10/03/2016	11.30	10/03/2016	13.44	PO	insulator washing work
Baramati - Kurkumbh	IntraState	10/03/2016	12.30	10/03/2016	18.55	PO	Attending Hot Spot
Kharepatan -Pawas Line	IntraState	10/03/2016	15.04	10/03/2016	17.02	PO	Annual Maintenance Work
Chakan-Chinchwad	IntraState	10/03/2016	20.31	11/03/2016	04.54	PO	Eraction of narrow base M/C tower
Telco- Chinchwad	IntraState	10/03/2016	20.32	11/03/2016	04.55	PO	Eraction of narrow base m/c tower
Main Bus I @ Kalwa	IntraState	11/03/2016	02.27		Continued.	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Kalwa - Airoli Knowledge Park	IntraState	11/03/2016	02.27		Continued.	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Apta - Kalwa	IntraState	11/03/2016	02.46	11/03/2016	03.10	T	Triiped on Apta end only
Flagship-Nandedcity	IntraState	11/03/2016	05.04		Continued.	PO	chinchwad outage
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(Now repaired and ready for commissioning)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	11/03/2016	02.27		Continued.	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	11/03/2016	02.27		Continued.	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caugst fire
132 KV LINE Outages/Trippings							
Theur-Sanaswadi	IntraState	10/03/2016	16.41		Continued.	PO	Tree cutting
100 KV LINE Outages/Trippings							
100KV Kalwa - Sify	IntraState	11/03/2016	02.27	11/03/2016	03.24	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Kalwa - Nocil 1	IntraState	11/03/2016	02.27	11/03/2016	03.20	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Kalwa - Vashi 1	IntraState	11/03/2016	02.27	11/03/2016	03.21	T	Triiped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire

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