

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Mar/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.107	891.263	1) Gujrat	-2.710	-28.725
2) Hydro	9.657	60.879	2) Madhya Pradesh	9.302	97.841
3) Gas	10.838	95.085	3) Chattisgarh	6.320	56.450
Total MSPGCL	127.602	1047.227	4) Maharashtra Net	89.750	758.956
B) 1) APML	63.462	569.075	5) Goa (Amona)	-0.982	-7.184
2) JSWEL	27.511	220.126	6) TAPS 1&2 Injection	3.667	32.559
3) VIPL	12.890	106.401	7) RGPPL Injection	11.626	104.282
4) RPL(AMT)	17.295	142.187	8) Pench (MS)	0.133	0.947
5) WPCL	4.758	31.440	9) Pench (Excess)	-0.133	-0.947
6) Other IPP	8.112	74.772	Total	116.840	1013.232
C) 1) TPCL Thermal	14.103	108.524	a) Mumbai Schedule	21.078	176.826
2) TPCL Hydro	3.660	29.363	b) Mumbai Drawl	23.948	229.716
3) TPCL Gas	4.325	36.666	c) MSEDCL Bilateral *	34.226	251.964
4) R-INFRA Thermal	11.505	99.685	Include PX	0.000	-15.446
D) STATE			d) Mumbai Bilateral *	21.078	176.826
1) Thermal	266.743	2243.473	Include PX	2.677	25.705
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	13.317	90.242	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.163	131.751	1) MSEDCL	362.437	3050.916
4) Wind	6.622	65.253	2) Mumbai Discoms	57.541	503.952
6) SOLAR	1.293	10.919	TOTAL STATE	419.978	3554.868
TOTAL STATE	303.138	2541.638			

* 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 5 Hrs
MSPGCL Thermal	4649	4651	4747	3833
MSPGCL Hydro	1188	875	412	89
MSPGCL Gas	454	445	457	471
MSPGCL Total Generation	6291	5971	5616	4393
Central Sector Receipt	5220	4970	5048	4622
WIND	140	133	227	424
CPP / IPP	5918	5908	5599	4926
SOLAR	178	185	0	0
Exchange with Mumbai	-1156	-1174	-1067	-617
MSEDCL DEMAND MET	16591	15993	15423	13748
Load Shedding	3	3	4	3
MSEDCL DEMAND	16594	15996	15427	13751
TPCL GENERATION	1261	1237	1140	663
R-INFRA GENERATION	514	518	518	403
MUMBAI DEMAND	2931	2929	2725	1683
STATE DEMAND MET	19522	18922	18148	15431
STATE DEMAND	19525	18925	18152	15434
Frequency (Hz)	49.88	49.95	49.92	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13:00 Hrs	49.71 Hz at 11:20 Hrs	49.94	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 09/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	8.49	75.46	360	350
Total	8.49	79.48		
Bhusawal				
Unit 2	4.34	17.62	190	165
Unit 3	4.20	26.48	190	160
Unit 4	0.00	0.00	0	0
Unit 5	10.68	75.87	510	350
Total	19.22	119.96		
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	4.49	39.24	200	163
Unit 4	4.34	37.88	195	160
Unit 5	10.43	87.52	470	360
Unit 6	0.00	40.63	0	0
Unit 7	10.04	86.34	455	361
Total	29.30	291.60		
Paras				
Unit 3	5.86	32.97	253	201
Unit 4	5.53	11.15	261	150
Total	11.40	44.12		
Khaparkheda				
Unit 1	3.94	35.35	170	140
Unit 2	4.08	36.10	180	155
Unit 3	0.00	28.17	0	0
Unit 4	4.36	37.75	198	160
Unit 5	10.97	94.69	500	365
Total	23.34	232.06		
Nasik				
Unit 3	4.44	37.32	205	160
Unit 4	4.36	36.10	198	162
Unit 5	4.39	37.04	201	160
Total	13.19	110.46		
Uran				
All Units	10.84	95.08	471	416
Total	10.84	95.08		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.13	0.95	45	0
Total	0.13	0.95		
Koyna				
Stage 1-2	4.32	28.52	525	40
Stage 4	3.16	10.82	488	0
Stage 3	1.19	6.17	160	0
Total	8.67	45.51		
Hydro				
KDPH	0.17	2.26	17	0
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.	0.12	1.82	40	0
RNGR+BHTSA	0.21	1.71	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	8.65	21	20
GHATGHAR	0.00	0.00	0	0
Total	0.98	15.37		
Wind				
Total	6.62	65.25	0	0
Total	6.62	65.25		
CPP				
APML(Mus)	63.46	569.08	0	0
JSWEL(Mus)	27.51	220.13	0	0
VIPL(Mus)	12.89	106.40	0	0
RPLAMT(Mus)	17.30	142.19	0	0
WPCL(Mus)	4.76	31.44	0	0
Other(Mus)	8.11	74.77	0	0
Total	134.03	1144.00		
SOLAR				
Total	1.29	10.92	0	0
Total	1.29	10.92		
Tata				
Trombay 5	9.47	82.94	464	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	22.78	114	113
Trombay 7B	1.60	13.89	67	66
Trombay 8	4.64	25.58	238	155
TATA Hydro	3.66	29.36	378	0
Total	22.09	174.55		
R-INFRA				
1-2	11.50	99.68	518	403
Total	11.50	99.68		

Infirm Power	Chandrapur 8	0.00	Koradi 9	2.17
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.11	891.26
MSPGCL Thml+Gas	117.94	986.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.66	60.88
MSPGCL Total	127.60	1047.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.49	39.34
State Total	303.14	2541.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4262	84	459	4805	422	5476	0	4627	4354	-924	14133	4	14137	1991	16128	49.92
2	4080	79	416	4575	304	5412	0	4616	4273	-773	13791	3	13794	1842	15636	49.94
3	4074	74	459	4607	321	5071	0	4616	4491	-683	13807	3	13810	1751	15561	49.97
4	4085	79	461	4625	429	4931	0	4587	4494	-618	13861	3	13864	1687	15551	49.93
5	3833	89	471	4393	424	4926	0	4537	4622	-617	13748	3	13751	1683	15434	49.88
6	4009	153	470	4632	417	5368	0	4662	4679	-672	14424	3	14427	1776	16203	49.92
7	4381	97	467	4945	499	5828	0	4816	5018	-632	15658	3	15661	1927	17588	49.94
8	4558	511	465	5534	416	5878	16	4845	4756	-728	15872	3	15875	2058	17933	49.97
9	4591	670	459	5720	305	5908	63	5001	5004	-938	16062	3	16065	2298	18363	49.96
10	4610	878	452	5940	222	5907	109	5087	5153	-1046	16285	3	16288	2628	18916	49.95
11	4651	1245	445	6341	172	5899	149	5184	5200	-1246	16515	3	16518	2891	19409	49.97
12	4649	1188	454	6291	140	5918	178	5209	5220	-1156	16591	3	16594	2931	19525	49.88
13	4651	875	445	5971	133	5908	185	5174	4970	-1174	15993	3	15996	2929	18925	49.95
14	4678	639	441	5758	120	5878	175	5129	5024	-1201	15754	4	15758	2816	18574	50.02
15	4650	584	443	5677	161	5864	173	5177	5175	-1245	15805	4	15809	2866	18675	49.97
16	4589	619	428	5636	158	5848	122	5439	5274	-1243	15795	4	15799	2874	18673	49.94
17	4652	305	432	5389	237	5838	88	5182	5002	-1233	15321	4	15325	2861	18186	49.92
18	4746	77	449	5272	248	5706	34	4140	4137	-1225	14172	4	14176	2826	17002	49.96
19	4755	102	441	5298	216	5497	1	4465	4474	-1068	14418	4	14422	2689	17111	49.93
20	4747	412	457	5616	227	5599	0	5309	5048	-1067	15423	4	15427	2725	18152	49.92
21	4799	217	456	5472	284	5567	0	5041	5013	-999	15337	4	15341	2556	17897	49.91
22	4355	128	445	4928	303	5377	0	4986	5380	-1217	14771	4	14775	2458	17233	49.93
23	4224	377	469	5070	244	5228	0	4942	5053	-1181	14414	4	14418	2298	16716	49.89
24	4478	175	454	5107	220	5196	0	4841	5026	-1062	14487	4	14491	2180	16671	49.90
MUs	107.1 1	9.66	10.84	127.60	6.62	134.03	1.29	117.61	116.84	-23.95	362.44	0.08	362.52	57.54	420.06	49.94

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/2016

Position as on 6.30 Hrs of 10/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		Continued.	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 09/Mar/2016

Position as on 6.30 Hrs of 10/Mar/2016

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 10/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 2	IntraState	09/03/2016	19.33	09/03/2016	21.51	T	thyristor fire protection operated at chandrapur end
Chandrapur - Padghe Hvdc Pole 1	IntraState	10/03/2016	03.29		Continued.	T	thyristor fire protection operated at chandrapur end
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	08/03/2016	17.47	09/03/2016	06.53	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/03/2016	03.10	09/03/2016	07.01	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/03/2016	07.07	09/03/2016	08.47	HT	Due to CB Problem at SSP end.
Kolhapur Solapur (PG) II	InterState	10/03/2016	02.16	10/03/2016	07.12	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-I	IntraState	08/03/2016	16.09	09/03/2016	09.20	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/03/2016	16.37	09/03/2016	09.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/03/2016	21.20	09/03/2016	09.11	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	09/03/2016	16.15	09/03/2016	16.52	T	Distance Protection
karad -kolhapur-II	IntraState	09/03/2016	16.47		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/03/2016	17.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	09/03/2016	06.06	09/03/2016	07.42	EO	Attending Hot Spot
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	09/03/2016	10.28	09/03/2016	17.38	PO	Diagnostic Testing Work.
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).
Bableshtar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar- 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.
Chinchwad-Hinjewadi I	IntraState	08/03/2016	20.32	09/03/2016	05.38	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	08/03/2016	20.47	09/03/2016	05.31	PO	Erection of Narow Base M/C Tower.
Telco- Chinchwad	IntraState	08/03/2016	20.49	09/03/2016	05.32	PO	Erection of Narow Base M/C Tower.
Flagship-Nandedcity	IntraState	09/03/2016	05.41		Continued.	HT	For Chinchwad Outage.
Wadkhal - Ipcl 1	IntraState	09/03/2016	08.55		Continued.	PO	Conductor Stringing Work.
Adlabs - Pedambe	IntraState	09/03/2016	12.17	09/03/2016	15.36	T	Distance Protection

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 09/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 10/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tambati - Adlabs	IntraState	09/03/2016	12.20	09/03/2016	13.00	T	Distance Protection
Apta - Tambati	IntraState	09/03/2016	12.20	09/03/2016	12.45	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	09/03/2016	16.23	09/03/2016	20.20	T	Distance Protection
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	eraction of nerow m/c tower
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)
132 KV LINE Outages/Trippings							
Kurkumbh-Janai	IntraState	09/03/2016	08.51	09/03/2016	09.31	EO	Attending Hot Spot

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