

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Oct/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.720	1883.870	1) Gujrat	3.777	90.447
2) Hydro	17.316	174.485	2) Madhya Pradesh	12.485	185.868
3) Gas	10.238	136.959	3) Chattisgarh	5.290	69.410
Total MSPGCL	136.274	2195.314	4) Maharashtra Net	116.288	1609.832
B) 1) APML	57.150	883.690	5) Goa	-8.890	-123.521
2) JSWEL	28.297	446.499	6) TAPS 1&2 Injection	3.594	56.844
3) VIPL	13.083	191.751	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	24.010	334.000	8) Pench (MS)	1.001	10.248
5) WPCL	4.930	72.730	9) Pench (Excess)	-1.001	-10.248
6) Other IPP	3.491	49.403	Total	131.543	1878.632
C) 1) TPCL Thermal	17.600	271.420	a) Mumbai Schedule	30.923	419.469
2) TPCL Hydro	5.566	41.532	b) Mumbai Drawl	30.096	475.850
3) TPCL Gas	3.075	64.994	c) MSEDCL Bilateral *	41.129	484.436
4) R-INFRA Thermal	12.404	179.817	Include PX	5.050	7.188
D) STATE			d) Mumbai Bilateral *	30.923	416.106
1) Thermal	269.685	4313.180	Include PX	9.942	94.988
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	22.882	216.017	H) ENERGY CATERED (MUs)		
3) Gas	13.313	201.953	1) MSEDCL	375.451	5670.901
4) Wind	5.564	76.808	2) Mumbai Discoms	68.740	1033.598
6) SOLAR	1.205	17.924	TOTAL STATE	444.191	6704.499
TOTAL STATE	312.649	4825.882			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4613	4588	4537	4581
MSPGCL Hydro	1238	1186	1046	75
MSPGCL Gas	415	405	422	440
MSPGCL Total Generation	6266	6179	6005	5096
Central Sector Receipt	6044	5874	5648	4751
WIND	285	145	142	410
CPP / IPP	5486	5538	5494	5447
SOLAR	173	174	0	0
Exchange with Mumbai	-1433	-1412	-1571	-751
MSEDCL DEMAND MET	16821	16498	15718	14953
Load Shedding	264	328	181	45
MSEDCL DEMAND	17085	16826	15899	14998
TPCL GENERATION	1369	1343	1202	895
R-INFRA GENERATION	515	516	517	517
MUMBAI DEMAND	3317	3271	3290	2163
STATE DEMAND MET	20138	19769	19008	17116
STATE DEMAND	20402	20097	19189	17161
Frequency (Hz)	49.94	49.95	49.97	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.01 Hrs	49.66 Hz at 18.13 Hrs	49.92	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 16/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	48.27	126	105
Unit 6	0.00	0.00	0	0
Unit 7	3.85	55.07	165	145
Total	6.63	103.34		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	62.24	170	155
Unit 4	10.65	170.52	490	400
Unit 5	11.71	176.96	510	415
Total	26.30	409.72		
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	3.22	52.10	139	129
Unit 3	4.62	73.67	199	180
Unit 4	4.62	72.89	198	189
Unit 5	0.00	100.33	0	0
Unit 6	10.46	128.77	450	415
Unit 7	0.00	130.73	0	0
Total	22.92	558.49		
Paras				
Unit 3	5.16	74.60	230	192
Unit 4	5.60	74.92	262	210
Total	10.76	149.52		
Khaparkheda				
Unit 1	3.88	49.40	170	145
Unit 2	3.96	57.00	175	150
Unit 3	3.14	62.22	157	0
Unit 4	0.00	38.61	0	0
Unit 5	10.53	146.98	485	380
Total	21.51	354.22		
Nasik				
Unit 3	4.60	71.72	200	180
Unit 4	4.49	43.95	195	160
Unit 5	4.58	72.96	197	178
Total	13.68	188.64		
Uran				
All Units	10.24	136.96	444	396
Total	10.24	136.96		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	1.00	10.25	50	17
Total	1.00	10.25		
Koyna				
Stage 1-2	5.95	60.14	560	40
Stage 4	6.70	58.64	700	0
Stage 3	2.70	24.21	240	0
Total	15.35	142.99		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	2.98	80	0
RNGR+BHTSA	0.32	1.34	25	0
BHANDARDRA	0.48	7.23	32	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	3.12	4	3
GHATGHAR	0.86	14.22	125	0
Total	1.97	31.49		
Wind				
Total	5.56	76.81	0	0
Total	5.56	76.81		
CPP				
APML(Mus)	57.15	883.69	0	0
JSWEL(Mus)	28.30	446.50	0	0
VIPL(Mus)	13.08	191.75	0	0
RPLAMT(Mus)	24.01	334.00	0	0
WPCL(Mus)	4.93	72.73	0	0
Other(Mus)	3.49	49.40	0	0
Total	130.96	1978.07		
SOLAR				
Total	1.20	17.92	0	0
Total	1.20	17.92		
Tata				
Trombay 5	11.72	177.57	493	468
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.90	40.62	115	0
Trombay 7B	1.18	24.37	67	0
Trombay 8	5.88	93.85	248	243
TATA Hydro	5.57	41.53	464	29
Total	26.24	377.95		
R-INFRA				
1-2	12.40	179.82	519	515
Total	12.40	179.82		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.72	1883.87
MSPGCL Thml+Gas	118.96	2020.83

Koradi 8	6.92	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	17.32	174.48
MSPGCL Total	136.27	2195.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	12.65	118.78
State Total	312.65	4825.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Oct/2015

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	4607	73	440	5120	394	5399	0	5467	5184	-989	15108	41	15149	2557	17706	49.93
2	4598	78	440	5116	380	5439	0	5232	5035	-1016	14954	37	14991	2446	17437	49.90
3	4589	73	440	5102	414	5423	0	4979	4809	-847	14901	43	14944	2279	17223	49.95
4	4581	75	440	5096	410	5447	0	4815	4751	-751	14953	45	14998	2163	17161	49.93
5	4541	116	440	5097	412	5412	0	4807	4733	-683	14971	103	15074	2112	17186	49.86
6	4492	459	442	5393	398	5344	0	5030	5033	-721	15447	203	15650	2152	17802	49.86
7	4516	952	444	5912	326	5430	0	5290	5273	-811	16130	335	16465	2209	18674	49.89
8	4567	1147	443	6157	287	5406	23	5461	5470	-873	16470	311	16781	2285	19066	49.97
9	4520	1271	434	6225	184	5440	73	5748	5767	-1086	16603	288	16891	2557	19448	49.94
10	4579	1182	421	6182	160	5487	116	6011	5715	-1384	16276	233	16509	2936	19445	49.90
11	4593	1289	417	6299	185	5527	146	5940	5963	-1323	16797	215	17012	3206	20218	49.96
12	4613	1238	415	6266	285	5486	173	5989	6044	-1433	16821	264	17085	3317	20402	49.94
13	4583	1014	413	6010	192	5447	182	5949	5992	-1459	16364	325	16689	3332	20021	49.93
14	4588	1186	405	6179	145	5538	174	5900	5874	-1412	16498	328	16826	3271	20097	49.95
15	4610	1221	396	6227	118	5467	137	6001	5860	-1503	16306	262	16568	3357	19925	49.90
16	4599	1377	412	6388	96	5536	109	6036	5781	-1501	16409	173	16582	3368	19950	49.89
17	4597	1144	415	6156	77	5501	53	5938	5833	-1505	16115	140	16255	3367	19622	49.89
18	4594	207	420	5221	112	5489	17	5619	5114	-1443	14510	147	14657	3304	17961	49.92
19	4513	727	421	5661	125	5472	2	5617	5599	-1536	15323	105	15428	3337	18765	49.90
20	4537	1046	422	6005	142	5494	0	5654	5648	-1571	15718	181	15899	3290	19189	49.97
21	4418	520	420	5358	140	5455	0	5713	5560	-1562	14951	163	15114	3122	18236	49.93
22	4312	359	432	5103	149	5472	0	5675	5453	-1558	14619	137	14756	2983	17739	49.93
23	4285	151	434	4870	189	5452	0	5628	5520	-1580	14451	105	14556	2887	17443	49.93
24	4288	411	432	5131	244	5398	0	5439	5531	-1549	14755	102	14857	2904	17761	49.90
MUs	108.7 2	17.32	10.24	136.27	5.56	130.96	1.20	133.94	131.54	-30.10	375.45	4.29	379.74	68.74	448.48	49.92

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 16/Oct/2015

Position as on 6.30 Hrs of 17/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
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 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	12/10/2015	18.56		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	14/10/2015	22.13		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	15/10/2015	17.27		Continued.	Turbine Problem Bearing Vibration High.	
MSPGCL	Chandrapur Unit 5	500	15/10/2015	18.05		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7A	120	16/10/2015	18.30	17/10/2015	03.19	Due to heavy sparking obserred at exciter slip ring brush.	
TPC-G	Trombay 7B	60	16/10/2015	18.30	17/10/2015	05.45	Due to heavy sparking obserred at exciter slip ring brush.	
MSPGCL	Khaparkheda Unit 3	210	16/10/2015	20.36		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 17/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Padgha Tarapur II	InterState	16/10/2015	09.15	16/10/2015	16.03	PO	Relay replacement work at Tarapur End.
Dhule Sar'Sarovar I	InterState	16/10/2015	11.10	16/10/2015	16.55	PO	Fixing new Arcing Horn at various location.
Talegaon PG-Aurangabad-I	InterState	16/10/2015	11.34	16/10/2015	18.31	PO	Attending problem TBC Isolator.
Dhule Sar'Sarovar I	InterState	16/10/2015	21.50	17/10/2015	06.34	HT	Over Voltage
Kolhapur Mapusa I	InterState	17/10/2015	02.10	17/10/2015	06.40	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Nagothane - Dabhol-II	IntraState	14/10/2015	17.35	16/10/2015	15.55	T	Distance Protection
karad -kolhapur-II	IntraState	15/10/2015	16.10	16/10/2015	08.50	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/10/2015	17.03	16/10/2015	09.09	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/10/2015	20.25	16/10/2015	06.25	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09		Continued.	HT	Controlling BBLR ICT Loading
Karad - Jaigad - II	IntraState	16/10/2015	16.33		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	16/10/2015	17.06		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/10/2015	17.41		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	16/10/2015	22.30	17/10/2015	01.18	PO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	16/10/2015	07.29	16/10/2015	11.57	PO	Testing Work
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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Kalwa Salsette III	IntraState	16/10/2015	00.10	16/10/2015	00.41	T	Tripped only Salsette End Only.
Kalwa-Salsette-IV	IntraState	16/10/2015	00.10	17/10/2015	01.25	T	Due to CVT Burst R Ph (Bus Fault @ 220KV Salsette Side). charged only from kalwa end.
Kalwa-Salsette-VI	IntraState	16/10/2015	00.10	16/10/2015	00.41	T	Tripped only Salsette End Only.
Kalwa-Salsette-VI	IntraState	16/10/2015	05.50	16/10/2015	06.38	PO	For Extending the Line CVT Connection to Kalwa-Salsette-IV line.
Bableshtar- Alephata	IntraState	16/10/2015	06.18	16/10/2015	17.09	HT	Controlling Line Loading
Jambhul - Anandnagar	IntraState	16/10/2015	09.52	16/10/2015	14.50	PO	Routine Maintenance Work
Chalisgaon-Malegaon	IntraState	16/10/2015	10.18	16/10/2015	18.05	PO	Reorientation of line at 220kv Chalisgaon.
Apta - Talaja	IntraState	16/10/2015	10.30	16/10/2015	18.16	PO	Relay Testing work.
Oni Kharepatan Line	IntraState	16/10/2015	10.52	16/10/2015	16.55	PO	Line Maintenance work
Padghe - Kamba	IntraState	16/10/2015	11.07	16/10/2015	14.32	PO	For LILO Work.
Karad(400kv) - Wathar	IntraState	16/10/2015	17.22		Continued.	T	Distance Protection
Bableshtar- Alephata	IntraState	17/10/2015	00.07		Continued.	HT	Over Voltage
Kalwa-Salsette-IV	IntraState	17/10/2015	01.50	17/10/2015	01.57	HT	Testing Work
Kalwa-Salsette-IV	IntraState	17/10/2015	02.18		Continued.	T	Testing Work
Pophali - Kdph	IntraState	17/10/2015	05.45		Continued.	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 16/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 17/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal