

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 10/Oct/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.212	1171.834	1) Gujrat	5.509	62.380
2) Hydro	17.951	72.181	2) Madhya Pradesh	11.898	116.304
3) Gas	10.224	80.947	3) Chattisgarh	4.710	43.800
Total MSPGCL	153.387	1324.962	4) Maharashtra Net	99.707	970.055
B) 1) APML	52.790	547.740	5) Goa	-8.063	-75.598
2) JSWEL	28.889	273.564	6) TAPS 1&2 Injection	3.563	35.418
3) VIPL	13.101	114.928	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	19.350	197.350	8) Pench (MS)	0.437	4.580
5) WPCL	4.100	43.748	9) Pench (Excess)	-0.437	-4.580
6) Other IPP	3.332	29.386	Total	116.887	1147.779
C) 1) TPCL Thermal	17.196	166.206	a) Mumbai Schedule	29.222	252.295
2) TPCL Hydro	2.673	22.247	b) Mumbai Drawl	33.568	295.930
3) TPCL Gas	3.635	42.204	c) MSEDCL Bilateral *	29.674	275.608
4) R-INFRA Thermal	6.166	112.215	Include PX	-1.272	-6.822
D) STATE			d) Mumbai Bilateral *	25.860	248.933
1) Thermal	270.136	2656.971	Include PX	4.794	50.685
(A1+C1+C4+(B1-B6))			Include Standby	3.363	3.363
2) Hydro	20.624	94.428	H) ENERGY CATERED (MUs)		
3) Gas	13.859	123.151	1) MSEDCL	365.627	3454.037
4) Wind	6.292	59.587	2) Mumbai Discoms	63.239	638.797
6) SOLAR	1.067	10.923	TOTAL STATE	428.866	4092.834
TOTAL STATE	311.978	2945.060			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5321	5284	5635	4811
MSPGCL Hydro	1379	1660	534	291
MSPGCL Gas	425	424	410	429
MSPGCL Total Generation	7125	7368	6579	5531
Central Sector Receipt	5855	5354	4832	4128
WIND	73	183	340	222
CPP / IPP	5049	4938	5057	5261
SOLAR	170	78	0	0
Exchange with Mumbai	-1600	-1602	-1488	-988
MSEDCL DEMAND MET	16672	16319	15320	14154
Load Shedding	376	539	73	35
MSEDCL DEMAND	17048	16858	15393	14189
TPCL GENERATION	1191	1135	1170	825
R-INFRA GENERATION	248	255	257	258
MUMBAI DEMAND	3039	2992	2915	2071
STATE DEMAND MET	19711	19311	18235	16225
STATE DEMAND	20087	19850	18308	16260
Frequency (Hz)	49.96	49.99	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.72 Hz at 18.12 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 10/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.16	31.09	150	124
Unit 6	0.00	0.00	0	0
Unit 7	2.51	33.49	155	0
Total	5.67	64.58		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.84	38.91	170	150
Unit 4	11.06	105.60	500	395
Unit 5	11.36	108.54	500	405
Total	26.25	253.06		
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	3.23	32.79	140	130
Unit 3	4.74	45.69	204	175
Unit 4	4.80	44.86	202	197
Unit 5	9.77	53.63	420	380
Unit 6	8.55	97.72	460	200
Unit 7	9.91	98.24	447	356
Total	41.00	372.94		
Paras				
Unit 3	0.00	43.63	225	210
Unit 4	5.42	47.89	245	213
Total	5.42	91.52		
Khaparkheda				
Unit 1	3.46	28.13	160	115
Unit 2	3.71	35.11	175	135
Unit 3	3.69	39.20	168	140
Unit 4	3.25	21.65	143	125
Unit 5	9.56	90.95	435	370
Total	23.66	215.05		
Nasik				
Unit 3	4.44	44.76	195	165
Unit 4	1.20	16.60	188	0
Unit 5	4.62	45.29	200	178
Total	10.27	106.65		
Uran				
All Units	10.22	80.95	434	410
Total	10.22	80.95		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.44	4.58	40	0
Total	0.44	4.58		
Koyna				
Stage 1-2	6.17	27.12	515	40
Stage 4	7.65	14.26	836	0
Stage 3	3.12	8.61	278	0
Total	16.95	49.99		
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.	0.20	1.80	80	0
RNGR+BHTSA	0.20	0.41	14	0
BHANDARDRA	0.46	4.87	34	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	2.13	13	3
GHATGHAR	0.00	10.38	0	0
Total	1.00	22.19		
Wind				
Total	6.29	59.59	0	0
Total	6.29	59.59		
CPP				
APML(Mus)	52.79	547.74	0	0
JSWEL(Mus)	28.89	273.56	0	0
VIPL(Mus)	13.10	114.93	0	0
RPLAMT(Mus)	19.35	197.35	0	0
WPCL(Mus)	4.10	43.75	0	0
Other(Mus)	3.33	29.39	0	0
Total	121.56	1206.72		
SOLAR				
Total	1.07	10.92	0	0
Total	1.07	10.92		
Tata				
Trombay 5	11.31	107.60	487	443
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.22	26.54	115	57
Trombay 7B	1.41	15.67	67	46
Trombay 8	5.89	58.61	248	243
TATA Hydro	2.67	22.25	366	0
Total	23.50	230.66		
R-INFRA				
1-2	6.17	112.22	260	248
Total	6.17	112.22		

Infirm Power	Chandrapur 8	4.09
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.21	1171.83
MSPGCL Thml+Gas	135.44	1252.78

Koradi 8	3.65	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	17.95	72.18
MSPGCL Total	153.39	1324.96

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.82	41.38
State Total	311.98	2945.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4685	386	432	5503	390	5251	0	4749	4842	-1532	14454	36	14490	2590	17080	49.95
2	4662	361	431	5454	427	5238	0	4593	4515	-1316	14318	32	14350	2368	16718	49.97
3	4763	371	432	5566	354	5215	0	4312	4073	-1130	14078	35	14113	2211	16324	49.97
4	4787	366	431	5584	271	5262	0	4005	4073	-1032	14158	35	14193	2115	16308	49.98
5	4811	291	429	5531	222	5261	0	4158	4128	-988	14154	35	14189	2071	16260	49.95
6	4916	372	432	5720	195	5157	0	4530	4642	-1032	14682	67	14749	2115	16864	49.91
7	4962	1086	434	6482	188	4946	0	4750	4819	-1014	15421	141	15562	2115	17677	50.02
8	5097	1466	434	6997	150	5065	21	4812	4936	-1058	16111	167	16278	2170	18448	50.01
9	5228	1320	427	6975	169	5041	72	4973	5034	-1228	16063	193	16256	2344	18600	50.02
10	5266	1154	426	6846	199	4990	121	5155	5027	-1505	15678	162	15840	2671	18511	49.99
11	5285	1212	421	6918	94	5080	156	5214	5413	-1429	16232	183	16415	2946	19361	50.02
12	5321	1379	425	7125	73	5049	170	5268	5855	-1600	16672	376	17048	3039	20087	49.96
13	5321	1217	419	6957	73	4919	172	5296	5100	-1628	15593	645	16238	3047	19285	49.97
14	5337	1096	425	6858	124	4925	127	5457	5313	-1558	15789	670	16459	2936	19395	49.96
15	5381	1356	422	7159	151	4922	87	5285	5537	-1585	16271	466	16737	2961	19698	49.94
16	5284	1660	424	7368	183	4938	78	5176	5354	-1602	16319	539	16858	2992	19850	49.99
17	5499	1213	426	7138	227	4956	51	5164	4862	-1570	15664	518	16182	2939	19121	49.92
18	5522	277	426	6225	386	5067	12	4770	4768	-1521	14937	317	15254	2865	18119	49.93
19	5647	340	425	6412	372	4910	0	4821	5029	-1459	15264	133	15397	2894	18291	49.86
20	5635	534	410	6579	340	5057	0	4986	4832	-1488	15320	73	15393	2915	18308	49.96
21	5522	275	410	6207	401	5058	0	5001	5148	-1639	15175	49	15224	2855	18079	49.91
22	5507	103	426	6036	477	5088	0	4810	4609	-1571	14639	29	14668	2706	17374	49.98
23	5414	58	428	5900	412	5100	0	4668	4464	-1544	14332	25	14357	2689	17046	49.89
24	5360	58	429	5847	414	5067	0	4591	4511	-1539	14300	25	14325	2684	17009	49.93
MUs	125.21	17.95	10.22	153.39	6.29	121.56	1.07	116.54	116.88	-33.57	365.62	4.95	370.57	63.24	433.81	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 10/Oct/2015

Position as on 6.30 Hrs of 11/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	
CPP	WPCL U-1	135	25/08/2015	19.18	10/10/2015	01.14	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32	10/10/2015	15.12	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	09/10/2015	10.21	10/10/2015	10.12	Boiler Tripped.	
MSPGCL	Koradi Unit 7	210	09/10/2015	16.14	10/10/2015	04.42	Auxiliary supply failure	
RINFRA-G	REL Unit 2	250	09/10/2015	23.29	11/10/2015	21.53	BTL	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-4	270	10/10/2015	05.48	11/10/2015	18.56	ID Fan Problem	
MSPGCL	Chandrapur Unit 6	500	11/10/2015	16.50		Continued.	ACW line Outage leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2015

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							
HVDC Pole-I	IntraState	07/10/2015	07.56		Continued.	PO	Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21		Continued.	PO	Line Maintenance work
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa I	InterState	09/10/2015	22.03	10/10/2015	06.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/10/2015	22.15	10/10/2015	06.42	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/10/2015	23.15	11/10/2015	07.02	HT	Over Voltage
Kolhapur Mapusa I	InterState	10/10/2015	23.55	11/10/2015	07.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	11/10/2015	16.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/10/2015	18.06		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Karad-Jaigad - I	IntraState	08/10/2015	17.05	10/10/2015	08.57	HT	Over Voltage
karad -kolhapur-II	IntraState	09/10/2015	17.05	10/10/2015	07.41	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/10/2015	18.05	10/10/2015	06.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/10/2015	21.05	10/10/2015	08.54	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	10/10/2015	09.57	10/10/2015	16.09	T	Distance Protection
karad -kolhapur-II	IntraState	10/10/2015	16.36	11/10/2015	07.03	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/10/2015	17.15	11/10/2015	10.35	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/10/2015	17.51	11/10/2015	07.06	HT	Over Voltage
Warora-Tirora-I	IntraState	11/10/2015	14.08	11/10/2015	16.47	PO	Attending Hot Spot
karad -kolhapur-II	IntraState	11/10/2015	16.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/10/2015	16.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/10/2015	17.19		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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	16/08/2015	08.00	11/10/2015	15.39	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Pigasus-Hinjewadi-II	IntraState	10/10/2015	10.12	10/10/2015	12.11	PO	isolator maintance work
Padghe - Jambhul 2	IntraState	10/10/2015	10.38	10/10/2015	16.05	PO	conductor repairing work
Pegasus - Infosys	IntraState	10/10/2015	12.46	10/10/2015	14.17	PO	Line Maintenance work
Main Bus I @ Dahanu	IntraState	10/10/2015	12.46	10/10/2015	14.17	PO	Line Maintenance work
Kandalgaon - Bhira	IntraState	10/10/2015	15.15	10/10/2015	18.05	PO	Attending Hot Spot
Chalisingaon -Babhaleshwar	IntraState	10/10/2015	16.33	10/10/2015	19.19	PO	CT raio change
Borivali - Ghodbunder	IntraState	11/10/2015	06.54	11/10/2015	12.39	PO	Replacement work
Boisar(M) - Ghodbunder	IntraState	11/10/2015	16.01		Continued.	HT	To control boiser-boiserPG line loading
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
132 KV LINE Outages/Trippings							

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/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshtar - Kopergaon	IntraState	10/10/2015	11.55	10/10/2015	18.05	PO	Line Maintenance work
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	11/10/2015	09.35	11/10/2015	19.30	PO	Annual Maintenance Work