

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 12/Oct/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.779	1425.913	1) Gujrat	5.516	71.791
2) Hydro	8.791	88.256	2) Madhya Pradesh	10.386	138.546
3) Gas	10.377	101.667	3) Chattisgarh	3.500	50.800
Total MSPGCL	146.947	1615.836	4) Maharashtra Net	101.670	1172.370
B) 1) APML	54.440	655.660	5) Goa	-7.264	-90.112
2) JSWEL	29.235	332.128	6) TAPS 1&2 Injection	3.567	42.542
3) VIPL	12.062	139.368	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.300	238.770	8) Pench (MS)	0.811	6.226
5) WPCL	4.850	52.877	9) Pench (Excess)	-0.811	-6.226
6) Other IPP	3.103	35.969	Total	116.564	1379.711
C) 1) TPCL Thermal	17.451	201.087	a) Mumbai Schedule	25.760	303.707
2) TPCL Hydro	2.977	25.251	b) Mumbai Drawl	28.982	352.554
3) TPCL Gas	3.971	49.882	c) MSEDCL Bilateral *	33.338	342.102
4) R-INFRA Thermal	11.682	130.274	Include PX	0.000	-5.078
D) STATE			d) Mumbai Bilateral *	25.760	300.344
1) Thermal	283.902	3212.046	Include PX	6.005	63.365
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	11.768	113.507	H) ENERGY CATERED (MUs)		
3) Gas	14.348	151.549	1) MSEDCL	364.118	4175.339
4) Wind	1.558	64.648	2) Mumbai Discoms	65.065	759.035
6) SOLAR	1.041	12.926	TOTAL STATE	429.183	4934.374
TOTAL STATE	312.617	3554.676			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5445	5564	5242	5224
MSPGCL Hydro	781	434	691	95
MSPGCL Gas	420	416	425	452
MSPGCL Total Generation	6646	6414	6358	5771
Central Sector Receipt	5537	5920	4690	3796
WIND	18	180	79	87
CPP / IPP	5350	5477	5343	4843
SOLAR	167	101	0	0
Exchange with Mumbai	-1546	-1563	-1338	-751
MSEDCL DEMAND MET	16172	16529	15132	13746
Load Shedding	513	538	78	32
MSEDCL DEMAND	16685	17067	15210	13778
TPCL GENERATION	1145	1124	1216	856
R-INFRA GENERATION	514	515	514	397
MUMBAI DEMAND	3205	3202	3068	2004
STATE DEMAND MET	19377	19731	18200	15750
STATE DEMAND	19890	20269	18278	15782
Frequency (Hz)	49.95	49.91	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 16:01 Hrs	49.62 Hz at 23:20 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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.12	37.19	150	95
Unit 6	0.00	0.00	0	0
Unit 7	3.82	40.24	181	150
Total	6.94	77.43		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.85	46.50	170	150
Unit 4	11.12	126.61	500	415
Unit 5	11.77	130.95	500	460
Total	26.74	304.06		
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	3.22	39.14	143	128
Unit 3	4.54	54.96	202	172
Unit 4	4.58	54.13	205	162
Unit 5	9.96	73.55	440	389
Unit 6	0.00	104.62	0	0
Unit 7	10.07	118.48	444	351
Total	32.38	444.88		
Paras				
Unit 3	5.32	54.16	230	211
Unit 4	0.00	53.59	254	204
Total	5.32	107.75		
Khaparkhedha				
Unit 1	3.67	35.40	170	130
Unit 2	3.82	42.55	175	145
Unit 3	4.15	47.31	180	164
Unit 4	3.60	28.79	151	148
Unit 5	8.62	109.14	381	335
Total	23.85	263.18		
Nasik				
Unit 3	4.42	53.58	200	175
Unit 4	4.52	25.80	199	175
Unit 5	4.56	54.54	199	184
Total	13.50	133.92		
Uran				
All Units	10.38	101.67	452	416
Total	10.38	101.67		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.81	6.23	50	16
Total	0.81	6.23		
Koyna				
Stage 1-2	3.96	34.56	505	40
Stage 4	1.74	17.06	203	0
Stage 3	0.00	9.56	160	0
Total	5.71	61.18		
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.	0.16	2.17	80	0
RNGR+BHTSA	0.10	0.51	13	0
BHANDARDRA	0.50	5.84	33	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	2.42	12	3
GHATGHAR	1.15	12.50	250	0
Total	2.06	26.04		
Wind				
Total	1.56	64.65	0	0
Total	1.56	64.65		
CPP				
APML(Mus)	54.44	655.66	0	0
JSWEL(Mus)	29.24	332.13	0	0
VIPL(Mus)	12.06	139.37	0	0
RPLAMT(Mus)	23.30	238.77	0	0
WPCL(Mus)	4.85	52.88	0	0
Other(Mus)	3.10	35.97	0	0
Total	126.99	1454.77		
SOLAR				
Total	1.04	12.93	0	0
Total	1.04	12.93		
Tata				
Trombay 5	11.60	130.76	492	467
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	31.26	115	74
Trombay 7B	1.51	18.62	68	54
Trombay 8	5.86	70.33	246	243
TATA Hydro	2.98	25.25	367	0
Total	24.40	276.22		
R-INFRA				
1-2	11.68	130.27	517	396
Total	11.68	130.27		

Infirm Power	Chandrapur 8	4.27
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.78	1425.91
MSPGCL Thml+Gas	138.16	1527.58

Koradi 8	9.03	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.79	88.26
MSPGCL Total	146.95	1615.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.71	51.62
State Total	312.62	3554.68

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Oct/2015

Annexure-2

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	5225	87	449	5761	183	5203	0	4319	4595	-1151	14591	32	14623	2405	17028	49.96
2	5227	90	452	5769	130	5078	0	4149	4174	-966	14185	29	14214	2202	16416	50.01
3	5212	90	452	5754	124	4862	0	4085	4074	-851	13963	32	13995	2092	16087	50.01
4	5224	95	452	5771	87	4843	0	3972	3796	-751	13746	32	13778	2004	15782	50.00
5	5182	101	449	5732	49	4936	0	4085	3949	-709	13957	32	13989	1961	15950	49.96
6	5173	141	451	5765	23	5133	0	4468	4523	-745	14699	85	14784	2027	16811	49.92
7	5338	607	451	6396	18	5181	1	4702	4055	-686	14965	188	15153	2092	17245	49.98
8	5377	651	436	6464	19	5361	21	4786	4576	-767	15674	383	16057	2194	18251	50.03
9	5391	516	435	6342	23	5329	56	4990	4969	-1057	15662	317	15979	2486	18465	49.99
10	5388	699	427	6514	21	5438	97	5363	5137	-1337	15870	189	16059	2866	18925	49.97
11	5331	753	422	6506	23	5450	135	5470	5796	-1540	16370	223	16593	3159	19752	49.98
12	5445	781	420	6646	18	5350	167	5540	5537	-1546	16172	513	16685	3205	19890	49.95
13	5450	464	418	6332	44	5539	163	5519	5393	-1530	15941	638	16579	3203	19782	49.96
14	5484	272	417	6173	39	5396	142	5461	5941	-1548	16143	629	16772	3160	19932	50.00
15	5564	434	416	6414	180	5477	101	5397	5920	-1563	16529	538	17067	3202	20269	49.91
16	5553	467	420	6440	89	5424	89	5257	5269	-1477	15834	438	16272	3206	19478	49.96
17	5548	630	422	6600	59	5372	50	5111	5144	-1522	15703	462	16165	3185	19350	49.99
18	5450	163	424	6037	57	5371	17	4862	4461	-1446	14497	306	14803	3121	17924	49.87
19	5390	265	426	6081	77	5369	2	4899	4810	-1321	15018	74	15092	3105	18197	49.89
20	5242	691	425	6358	79	5343	0	4910	4690	-1338	15132	78	15210	3068	18278	50.00
21	5350	466	429	6245	35	5344	0	4830	4737	-1275	15086	40	15126	2923	18049	49.94
22	5100	176	428	5704	65	5383	0	4821	5112	-1293	14971	31	15002	2819	17821	49.97
23	5078	76	427	5581	37	5392	0	4774	4968	-1305	14673	21	14694	2724	17418	49.93
24	5057	76	429	5562	79	5416	0	4671	4938	-1258	14737	21	14758	2654	17412	49.84
MUs	127.78	8.79	10.38	146.95	1.56	126.99	1.04	116.44	116.56	-28.98	364.12	5.33	369.45	65.06	434.51	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/Oct/2015

Position as on 6.30 Hrs of 13/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 6	500	11/10/2015	16.50		Continued.	ACW line Outage leakage	
MSPGCL	Chandrapur Unit-8	500	12/10/2015	18.56		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 13/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	13/10/2015	00.24	PO	Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21	12/10/2015	11.32	PO	Line Maintenance work
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa I	InterState	11/10/2015	16.42	12/10/2015	07.45	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/10/2015	18.06	12/10/2015	06.42	HT	Over Voltage
Kolhapur Mapusa II	InterState	12/10/2015	16.39		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	12/10/2015	18.01		Continued.	T	Distance Protection
Dhule Sar'Sarovar II	InterState	12/10/2015	18.17		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	12/10/2015	19.53	12/10/2015	20.53	T	Distance Protection
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
karad -kolhapur-II	IntraState	11/10/2015	16.14	12/10/2015	09.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/10/2015	16.16	12/10/2015	09.18	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/10/2015	17.19	12/10/2015	06.41	HT	Over Voltage
karad -kolhapur-I	IntraState	12/10/2015	16.08		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	12/10/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/10/2015	18.18		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	12/10/2015	05.05	12/10/2015	08.02	HT	Attending Hot Spot lv ct
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	13/10/2015	00.32	13/10/2015	05.42	T	P.T.Burst at Chikodi end
Mudshingi Chikodi	InterState	13/10/2015	00.32	13/10/2015	01.25	T	P.T.Burst at Chikodi end
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.
Boisar(M) - Ghodbunder	IntraState	11/10/2015	16.01	12/10/2015	00.39	HT	To control boiser-boiserPG line loading
Vankuswade - Kdph	IntraState	12/10/2015	15.35	12/10/2015	15.55	T	Distance Protection
Kalwa - Borivali	IntraState	13/10/2015	05.09		Continued.	PO	CT replacement work
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
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	12/10/2015	12.18	12/10/2015	19.14	PO	Measurement of Tan Delta of ICT Bushing
132 KV LINE Outages/Trippings							
Deepnagar (Gcr) - Pachora	IntraState	12/10/2015	04.31	12/10/2015	04.52	T	Distance Protection

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