

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Oct/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.173	1539.348	1) Gujrat	5.619	77.410
2) Hydro	18.646	105.872	2) Madhya Pradesh	9.836	148.382
3) Gas	8.541	110.208	3) Chattisgarh	3.850	54.650
Total MSPGCL	146.360	1755.428	4) Maharashtra Net	106.771	1279.141
B) 1) APML	57.280	712.940	5) Goa	-7.961	-98.073
2) JSWEL	29.087	361.215	6) TAPS 1&2 Injection	3.563	46.105
3) VIPL	13.098	152.466	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.260	262.030	8) Pench (MS)	0.957	7.183
5) WPCL	5.048	57.925	9) Pench (Excess)	-0.957	-7.183
6) Other IPP	3.169	39.138	Total	120.721	1500.432
C) 1) TPCL Thermal	17.575	218.662	a) Mumbai Schedule	27.622	331.329
2) TPCL Hydro	3.905	29.156	b) Mumbai Drawl	29.728	382.282
3) TPCL Gas	3.928	53.810	c) MSEDCL Bilateral *	36.525	378.627
4) R-INFRA Thermal	12.409	142.683	Include PX	3.971	-1.107
D) STATE			d) Mumbai Bilateral *	27.622	327.966
1) Thermal	280.099	3486.407	Include PX	6.724	70.089
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	22.551	135.028	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.469	164.018	1) MSEDCL	370.899	4539.470
4) Wind	1.376	66.024	2) Mumbai Discoms	67.544	826.579
6) SOLAR	1.228	14.154	TOTAL STATE	438.443	5366.049
TOTAL STATE	317.723	3865.631			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4837	4870	5031	5014
MSPGCL Hydro	1344	1535	1068	52
MSPGCL Gas	324	290	298	436
MSPGCL Total Generation	6505	6695	6397	5502
Central Sector Receipt	6114	5625	5049	3627
WIND	48	29	81	64
CPP / IPP	5550	5502	5473	5326
SOLAR	165	166	2	0
Exchange with Mumbai	-1514	-1429	-1497	-628
MSEDCL DEMAND MET	16868	16588	15505	13891
Load Shedding	239	345	78	20
MSEDCL DEMAND	17107	16933	15583	13911
TPCL GENERATION	1241	1273	1239	869
R-INFRA GENERATION	515	518	517	518
MUMBAI DEMAND	3270	3220	3253	2015
STATE DEMAND MET	20138	19808	18758	15906
STATE DEMAND	20377	20153	18836	15926
Frequency (Hz)	49.84	49.86	49.89	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.67 Hz at 11.14 Hrs	49.91	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 13/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	39.98	125	108
Unit 6	0.00	0.00	0	0
Unit 7	3.77	44.00	170	150
Total	6.55	83.98		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	50.46	170	155
Unit 4	11.38	138.00	490	440
Unit 5	11.80	142.75	500	470
Total	27.14	331.21		
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	42.37	139	131
Unit 3	4.68	59.64	199	191
Unit 4	4.78	58.91	203	194
Unit 5	9.83	83.39	430	390
Unit 6	0.00	104.62	0	0
Unit 7	6.90	125.37	359	230
Total	29.42	474.30		
Paras				
Unit 3	4.97	59.13	224	190
Unit 4	5.51	59.10	243	198
Total	10.48	118.23		
Khaparkhedha				
Unit 1	3.24	38.64	160	110
Unit 2	3.56	46.11	165	130
Unit 3	4.20	51.51	180	170
Unit 4	3.61	32.40	152	147
Unit 5	8.55	117.69	380	315
Total	23.16	286.34		
Nasik				
Unit 3	4.54	58.12	200	180
Unit 4	4.63	30.43	197	182
Unit 5	4.66	59.20	199	186
Total	13.83	147.75		
Uran				
All Units	8.54	110.21	436	287
Total	8.54	110.21		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.96	7.18	49	20
Total	0.96	7.18		
Koyna				
Stage 1-2	5.14	39.70	440	40
Stage 4	9.12	26.18	965	0
Stage 3	3.14	12.70	320	0
Total	17.39	78.58		
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	2.33	80	0
RNGR+BHTSA	0.00	0.51	0	0
BHANDARDRA	0.00	5.84	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.66	17	7
GHATGHAR	0.85	13.36	120	0
Total	1.25	27.29		
Wind				
Total	1.38	66.02	0	0
Total	1.38	66.02		
CPP				
APML(Mus)	57.28	712.94	0	0
JSWEL(Mus)	29.09	361.22	0	0
VIPL(Mus)	13.10	152.47	0	0
RPLAMT(Mus)	23.26	262.03	0	0
WPCL(Mus)	5.05	57.92	0	0
Other(Mus)	3.17	39.14	0	0
Total	130.94	1585.71		
SOLAR				
Total	1.23	14.15	0	0
Total	1.23	14.15		
Tata				
Trombay 5	11.71	142.47	492	468
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	33.68	115	79
Trombay 7B	1.50	20.13	68	55
Trombay 8	5.86	76.19	249	242
TATA Hydro	3.90	29.16	448	0
Total	25.41	301.63		
R-INFRA				
1-2	12.41	142.68	519	514
Total	12.41	142.68		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.17	1539.35
MSPGCL Thml+Gas	127.71	1649.56

Koradi 8	8.58	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	18.65	105.87
MSPGCL Total	146.36	1755.43

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.26	65.88
State Total	317.72	3865.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5014	52	428	5494	46	5460	0	4622	4538	-1129	14409	28	14437	2525	16962	49.91
2	5037	47	428	5512	51	5432	0	4461	4298	-875	14418	17	14435	2288	16723	49.94
3	5037	47	430	5514	47	5433	0	4308	4197	-779	14412	20	14432	2149	16581	49.98
4	5008	47	434	5489	48	5354	0	4179	4041	-694	14238	20	14258	2066	16324	49.98
5	5014	52	436	5502	64	5326	0	4323	3627	-628	13891	20	13911	2015	15926	49.93
6	4999	47	434	5480	55	5486	0	4468	4581	-690	14912	55	14967	2077	17044	49.95
7	4985	554	435	5974	69	5441	4	4818	5007	-787	15708	198	15906	2175	18081	49.92
8	4990	792	435	6217	70	5366	27	4999	4985	-914	15751	283	16034	2303	18337	49.89
9	4989	861	435	6285	45	5465	81	5234	5497	-1172	16201	238	16439	2585	19024	49.94
10	4958	1021	427	6406	42	5508	116	5595	5687	-1485	16274	164	16438	2944	19382	49.87
11	4877	1067	395	6339	36	5521	151	5963	6037	-1525	16559	116	16675	3173	19848	49.85
12	4837	1344	324	6505	48	5550	165	5988	6114	-1514	16868	239	17107	3270	20377	49.84
13	4873	1303	290	6466	28	5515	167	5706	5736	-1418	16494	358	16852	3289	20141	49.88
14	4870	1535	290	6695	29	5502	166	5558	5625	-1429	16588	345	16933	3220	20153	49.86
15	4917	1638	289	6844	39	5510	139	5588	5450	-1446	16536	297	16833	3317	20150	49.79
16	4927	1556	288	6771	103	5527	121	5654	5273	-1457	16338	206	16544	3329	19873	49.83
17	4963	1480	293	6736	61	5270	63	5683	5521	-1605	16046	146	16192	3324	19516	49.89
18	4972	898	293	6163	75	5364	26	5083	5076	-1531	15173	157	15330	3232	18562	49.86
19	5031	1068	298	6397	81	5473	2	5025	5049	-1497	15505	78	15583	3253	18836	49.89
20	5042	1328	297	6667	121	5463	0	4923	4712	-1518	15445	81	15526	3220	18746	49.99
21	5057	827	296	6180	67	5514	0	4875	4878	-1412	15227	67	15294	3076	18370	49.94
22	4995	402	287	5684	42	5498	0	4976	5071	-1429	14866	52	14918	2979	17897	49.94
23	4948	304	289	5541	35	5481	0	4873	4996	-1445	14608	22	14630	2902	17532	49.90
24	4833	376	290	5499	74	5483	0	4786	4725	-1349	14432	22	14454	2834	17288	50.00
MUs	119.17	18.65	8.54	146.36	1.38	130.94	1.23	121.69	120.72	-29.73	370.90	3.23	374.13	67.55	441.67	49.91

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 13/Oct/2015

Position as on 6.30 Hrs of 14/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	
MSPGCL	Koyna Unit 3	75	13/10/2015	07.55	13/10/2015	17.10	Preventive Maintenance Work	
MSPGCL	Uran Unit 5	108	13/10/2015	11.24		Continued.	Gas shortage	
MSPGCL	Koyna Unit 12	80	13/10/2015	15.50	14/10/2015	03.15	Conductor snapped	
IPP	RPL(AMT) U-3	270	13/10/2015	15.54	13/10/2015	17.25	High Drum Level	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 14/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							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa II	InterState	12/10/2015	16.39	13/10/2015	06.43	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	13/10/2015	08.51	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	13/10/2015	10.29	13/10/2015	19.10	PO	Commissioning of LR at A'bad end
Kolhapur Solapur (PG) II	InterState	13/10/2015	14.08	13/10/2015	22.06	PO	Testing Work
Kolhapur Mapusa I	InterState	13/10/2015	20.07	14/10/2015	06.51	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
karad -kolhapur-I	IntraState	12/10/2015	16.08	13/10/2015	08.37	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	12/10/2015	16.34	13/10/2015	08.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/10/2015	18.18	13/10/2015	06.44	HT	Over Voltage
karad -kolhapur-II	IntraState	13/10/2015	16.41	14/10/2015	06.40	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/10/2015	18.25	14/10/2015	06.54	HT	Over Voltage
Dhule - Ssnri I	IntraState	13/10/2015	20.16	14/10/2015	06.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/10/2015	01.22		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	13/10/2015	16.44	13/10/2015	17.30	T	Backup protection
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
Tillari Amona	InterState	13/10/2015	10.38	13/10/2015	17.49	PO	outage at Goa end
Mahalakshmi Amona	InterState	13/10/2015	10.54	13/10/2015	17.50	PO	Outage at Goa end
Vasai Boiser(PG)	InterState	13/10/2015	12.29	13/10/2015	12.47	T	Distance Protection
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	13/10/2015	05.09	13/10/2015	09.30	PO	CT replacement work
Dhule-Chalisagaon	IntraState	13/10/2015	09.15	13/10/2015	18.03	PO	For termination of 220kv C'gaon-Dhule line on newly constructed Bay at C'gaon S/S.
GIS Bhandup - Borivali	IntraState	13/10/2015	14.33	13/10/2015	15.03	T	B Phase to E/F
Raymond - Washala	IntraState	13/10/2015	16.26	13/10/2015	16.38	T	Distance Protection
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Chalisgaon-Malegaon	IntraState	13/10/2015	18.06	13/10/2015	18.37	T	Tripped at Malegaon end only
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
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	13/10/2015	11.00	13/10/2015	16.55	PO	OLTC Overhauling work
220/132 Kv 100 Mva Vijai Ict 2	IntraState	13/10/2015	20.25	13/10/2015	24.00	T	LV side tripped, DF/DT Frequency

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 13/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 14/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Virur							Based relay
132 KV LINE Outages/Trippings							
Gadchiroli - Mul	IntraState	13/10/2015	20.25	13/10/2015	20.50	T	Over Current Protection