

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 14/Oct/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.236	1658.584	1) Gujrat	6.412	83.822
2) Hydro	27.494	133.366	2) Madhya Pradesh	11.319	159.701
3) Gas	6.967	117.175	3) Chattisgarh	4.380	59.030
Total MSPGCL	153.697	1909.125	4) Maharashtra Net	104.888	1384.029
B) 1) APML	56.470	769.410	5) Goa	-7.943	-106.016
2) JSWEL	27.704	388.919	6) TAPS 1&2 Injection	3.571	49.676
3) VIPL	13.098	165.564	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.910	285.940	8) Pench (MS)	1.060	8.243
5) WPCL	5.007	62.932	9) Pench (Excess)	-1.060	-8.243
6) Other IPP	3.462	42.600	Total	121.567	1621.999
C) 1) TPCL Thermal	17.574	236.236	a) Mumbai Schedule	27.801	359.130
2) TPCL Hydro	3.634	32.790	b) Mumbai Drawl	30.938	413.220
3) TPCL Gas	4.102	57.912	c) MSEDCL Bilateral *	31.120	409.747
4) R-INFRA Thermal	12.366	155.049	Include PX	0.941	-0.166
D) STATE			d) Mumbai Bilateral *	27.801	355.768
1) Thermal	278.827	3765.234	Include PX	6.782	76.871
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	31.128	166.156	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	11.069	175.087	1) MSEDCL	377.340	4916.810
4) Wind	2.079	68.103	2) Mumbai Discoms	68.614	895.193
6) SOLAR	1.284	15.438	TOTAL STATE	445.954	5812.003
TOTAL STATE	324.387	4190.018			

* 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 4 Hrs
MSPGCL Thermal	5124	5113	5300	4655
MSPGCL Hydro	1872	1851	1578	237
MSPGCL Gas	290	288	287	295
MSPGCL Total Generation	7286	7252	7165	5187
Central Sector Receipt	5523	5362	5137	4228
WIND	64	153	64	64
CPP / IPP	5418	5391	5340	5420
SOLAR	177	178	2	0
Exchange with Mumbai	-1525	-1521	-1497	-619
MSEDCL DEMAND MET	16943	16815	16211	14280
Load Shedding	274	349	152	21
MSEDCL DEMAND	17217	17164	16363	14301
TPCL GENERATION	1238	1234	1321	920
R-INFRA GENERATION	512	516	516	518
MUMBAI DEMAND	3275	3271	3334	2057
STATE DEMAND MET	20218	20086	19545	16337
STATE DEMAND	20492	20435	19697	16358
Frequency (Hz)	50.04	50.00	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.79 Hz at 05.12 Hrs	49.99	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 14/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.78	42.76	125	104
Unit 6	0.00	0.00	0	0
Unit 7	3.29	47.29	155	120
Total	6.06	90.05		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	54.37	170	150
Unit 4	10.68	148.68	490	395
Unit 5	10.98	153.73	490	415
Total	25.57	356.78		
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	3.26	45.63	141	129
Unit 3	4.71	64.35	199	192
Unit 4	4.70	63.61	202	192
Unit 5	9.88	93.26	420	405
Unit 6	3.35	107.97	445	0
Unit 7	5.36	130.73	258	0
Total	31.26	505.56		
Paras				
Unit 3	5.09	64.23	226	200
Unit 4	4.96	64.06	216	195
Total	10.05	128.28		
Khaparkheda				
Unit 1	3.40	42.04	160	110
Unit 2	3.42	49.54	155	115
Unit 3	3.78	55.30	170	148
Unit 4	3.62	36.02	152	149
Unit 5	9.44	127.13	450	355
Total	23.67	310.02		
Nasik				
Unit 3	4.48	62.60	190	180
Unit 4	4.59	35.02	196	181
Unit 5	4.65	63.85	197	190
Total	13.72	161.48		
Uran				
All Units	6.97	117.18	296	283
Total	6.97	117.18		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	1.06	8.24	50	23
Total	1.06	8.24		
Koyna				
Stage 1-2	7.44	47.14	565	40
Stage 4	14.09	40.26	1001	0
Stage 3	4.83	17.53	320	0
Total	26.36	104.93		
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	2.53	80	0
RNGR+BHTSA	0.25	0.76	15	0
BHANDARDRA	0.46	6.30	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	2.89	17	6
GHATGHAR	0.00	13.36	0	0
Total	1.14	28.43		
Wind				
Total	2.08	68.10	0	0
Total	2.08	68.10		
CPP				
APML(Mus)	56.47	769.41	0	0
JSWEL(Mus)	27.70	388.92	0	0
VIPL(Mus)	13.10	165.56	0	0
RPLAMT(Mus)	23.91	285.94	0	0
WPCL(Mus)	5.01	62.93	0	0
Other(Mus)	3.46	42.60	0	0
Total	129.65	1715.36		
SOLAR				
Total	1.28	15.44	0	0
Total	1.28	15.44		
Tata				
Trombay 5	11.71	154.18	492	483
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	36.24	119	80
Trombay 7B	1.55	21.67	68	56
Trombay 8	5.86	82.06	250	239
TATA Hydro	3.63	32.79	405	0
Total	25.31	326.94		
R-INFRA				
1-2	12.37	155.05	518	508
Total	12.37	155.05		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.24	1658.58
MSPGCL Thml+Gas	126.20	1775.76

Koradi 8	8.90	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	27.49	133.37
MSPGCL Total	153.70	1909.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	21.53	87.41
State Total	324.39	4190.02

Hourly Load Data As on 14/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	4761	527	296	5584	27	5501	0	4623	5059	-1215	14956	15	14971	2604	17575	49.94
2	4736	694	296	5726	31	5452	0	4462	4613	-945	14877	21	14898	2329	17227	49.97
3	4727	406	296	5429	44	5428	0	4394	4286	-737	14450	22	14472	2156	16628	50.02
4	4655	237	295	5187	64	5420	0	4362	4228	-619	14280	21	14301	2057	16358	50.01
5	4659	409	294	5362	76	5436	0	4383	4393	-599	14668	21	14689	2036	16725	49.95
6	4712	845	296	5853	77	5432	0	4411	4814	-657	15519	59	15578	2085	17663	49.94
7	4700	1403	295	6398	81	5339	5	4827	4738	-757	15804	267	16071	2160	18231	49.95
8	4792	1461	296	6549	66	5430	23	5010	5320	-882	16506	274	16780	2272	19052	50.02
9	4825	1426	291	6542	73	5465	76	5226	5347	-1140	16363	252	16615	2541	19156	50.01
10	4936	1491	291	6718	44	5515	108	5413	5235	-1547	16073	206	16279	2996	19275	49.98
11	4961	1813	289	7063	49	5491	145	5270	5426	-1510	16664	218	16882	3193	20075	50.01
12	5124	1872	290	7286	64	5418	177	5342	5523	-1525	16943	274	17217	3275	20492	50.04
13	5113	1851	288	7252	153	5391	178	5303	5362	-1521	16815	349	17164	3271	20435	50.00
14	5087	1653	286	7026	199	5306	186	5204	5403	-1563	16557	325	16882	3223	20105	50.02
15	5045	1827	287	7159	151	5270	149	5188	5341	-1559	16511	268	16779	3320	20099	49.94
16	5054	1872	287	7213	137	5230	100	5219	5655	-1581	16754	253	17007	3405	20412	49.98
17	5133	1616	286	7035	140	5257	82	5285	5289	-1601	16202	281	16483	3380	19863	49.96
18	5207	705	283	6195	102	5324	37	5025	4803	-1613	14848	243	15091	3307	18398	49.97
19	5257	1464	286	7007	84	5345	16	4978	5094	-1596	15950	114	16064	3316	19380	50.01
20	5300	1578	287	7165	64	5340	2	4980	5137	-1497	16211	152	16363	3334	19697	50.03
21	5257	705	287	6249	111	5438	0	5041	5161	-1510	15449	125	15574	3209	18783	50.01
22	5226	461	288	5975	69	5423	0	5073	5091	-1595	14963	103	15066	3098	18164	50.01
23	4995	492	289	5776	74	5461	0	5075	5282	-1623	14970	58	15028	3061	18089	50.00
24	4974	686	288	5948	99	5539	0	4915	4967	-1546	15007	52	15059	2986	18045	49.99
MUs	119.24	27.49	6.97	153.70	2.08	129.65	1.28	119.01	121.57	-30.94	377.34	3.97	381.31	68.61	449.93	49.99

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 14/Oct/2015

Position as on 6.30 Hrs of 15/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	14/10/2015	14.38	ACW line Outage leakage	
MSPGCL	Chandrapur Unit-8	500	12/10/2015	18.56		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	13/10/2015	11.24	15/10/2015	02.15	Gas shortage	
MSPGCL	Koyana Unit 12	80	13/10/2015	15.50	14/10/2015	03.15	Conductor snapped	
MSPGCL	Koyana Unit 1	75	14/10/2015	20.00	14/10/2015	23.00	Preventive Maintenance Work	
MSPGCL	Chandrapur Unit 7	500	14/10/2015	22.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 15/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.
Dabhol New koyna I	InterState	12/10/2015	18.01	14/10/2015	12.54	T	Distance Protection
Kolhapur Mapusa I	InterState	13/10/2015	20.07	14/10/2015	06.51	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	14/10/2015	12.29	14/10/2015	19.20	PO	Line Maintenance work
Kolhapur Solapur (PG) II	InterState	14/10/2015	13.54	14/10/2015	16.40	EO	To attend Hot Spot
Kolhapur Mapusa I	InterState	14/10/2015	17.04		Continued.	HT	Over Voltage
Wardha (Pg) Warora I	InterState	14/10/2015	18.38	15/10/2015	03.19	T	Tripped from Warora end only PLCC problem
Dhule Sar'Sarovar I	InterState	14/10/2015	19.34		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	15/10/2015	01.43	15/10/2015	03.35	T	Tripped at Tarapur end only
Padgha Tarapur II	InterState	15/10/2015	04.21	15/10/2015	05.19	T	Tripped at Tarapur end only
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
karad -kolhapur-II	IntraState	13/10/2015	16.41	14/10/2015	06.40	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	13/10/2015	18.04		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	13/10/2015	18.25	14/10/2015	06.54	HT	Over Voltage
Dhule - Ssnl 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	14/10/2015	07.40	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	14/10/2015	10.50	14/10/2015	17.16	PO	Line Maintenance work
Padghe - Talegaon (PG)	IntraState	14/10/2015	12.03	14/10/2015	20.17	PO	A/R Bypass for OPGW work
Nagothane - Dabhol-II	IntraState	14/10/2015	12.37		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	14/10/2015	17.12		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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Bableshwar Ahamadnagar-li	IntraState	14/10/2015	08.08	14/10/2015	11.47	T	Distance Protection
Koradi-Khaperkheda	IntraState	14/10/2015	09.06	14/10/2015	15.42	PO	Tan Delta Measurment of CTs
Karad - Kadegaon	IntraState	14/10/2015	09.51	14/10/2015	18.06	PO	Insulator Replacement Work
Talandge-Mudshingi Ckt-I	IntraState	14/10/2015	10.00	14/10/2015	14.54	PO	Annual Maintenance Work
Osmanabad - Barshi	IntraState	14/10/2015	10.00	14/10/2015	13.51	PO	Quarterly Maintainance Work
Badnera Tss-I	IntraState	14/10/2015	10.35	14/10/2015	14.37	PO	Tan Delta Measurment of CTs
Dahanu Versova	IntraState	14/10/2015	10.50	14/10/2015	15.03	T	Distance Protection
Parli New Tps - Beed Ckt 2	IntraState	14/10/2015	11.28	14/10/2015	15.49	PO	Tightening of Jumper Nut Bolt
Kandalgaon - Sona Alloys	IntraState	14/10/2015	13.18	14/10/2015	13.45	T	Distance Protection
Lamboti - Pandharpur li	IntraState	14/10/2015	15.43	14/10/2015	16.58	PO	Annual Maintenance Work
Lamboti-Vita	IntraState	14/10/2015	18.18	14/10/2015	20.44	PO	Replacement of Wavetrap Jumper
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 Panel
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	14/10/2015	12.11	14/10/2015	18.28	PO	Tan Delta Measurment of CTs

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