

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.590	1639.086	1) Gujrat	-0.113	9.093
2) Hydro	7.696	119.641	2) Madhya Pradesh	6.390	99.167
3) Gas	6.045	119.430	3) Chattisgarh	4.460	73.110
Total MSPGCL	155.331	1878.157	4) Maharashtra Net	82.080	1155.480
B) 1) APML	44.095	707.769	5) Goa (Amona)	-0.514	-7.404
2) JSWEL	23.197	315.843	6) TAPS 1&2 Injection	3.681	50.081
3) VIPL	5.686	126.039	7) RGPPL Injection	6.036	88.007
4) RPL(AMT)	19.768	293.723	8) Pench (MS)	0.110	2.786
5) WPCL	5.813	75.678	9) Pench (Excess)	-0.110	-2.786
6) Other IPP	11.297	154.675	Total	101.910	1464.748
C) 1) TPCL Thermal	14.884	203.499	a) Mumbai Schedule	15.708	262.448
2) TPCL Hydro	3.313	35.512	b) Mumbai Drawl	22.421	341.232
3) TPCL Gas	2.185	45.089	c) MSEDCL Bilateral *	26.841	364.151
4) R-INFRA Thermal	10.026	143.774	Include PX	-1.928	-13.922
D) STATE			d) Mumbai Bilateral *	15.708	262.448
1) Thermal	276.356	3660.086	Include PX	2.282	13.723
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.009	155.153	H) ENERGY CATERED (MUs)		
3) Gas	8.230	164.519	1) MSEDCL	349.199	4777.090
4) Wind	3.283	85.890	2) Mumbai Discoms	52.829	769.103
6) SOLAR	1.240	15.800	TOTAL STATE	402.028	5546.193
TOTAL STATE	300.118	4081.448			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6157	6178	6049	5606
MSPGCL Hydro	614	392	385	127
MSPGCL Gas	286	296	141	311
MSPGCL Total Generation	7057	6866	6575	6044
Central Sector Receipt	5202	5165	4850	2326
WIND	42	30	133	113
CPP / IPP	4958	4907	4686	4485
SOLAR	182	201	0	0
Exchange with Mumbai	-1031	-1080	-1257	-474
MSEDCL DEMAND MET	16410	16089	14987	12494
Load Shedding	22	22	13	18
MSEDCL DEMAND	16432	16111	15000	12512
TPCL GENERATION	1180	1122	994	607
R-INFRA GENERATION	517	513	401	401
MUMBAI DEMAND	2728	2715	2652	1482
STATE DEMAND MET	19138	18804	17639	13976
STATE DEMAND	19160	18826	17652	13994
Frequency (Hz)	49.93	49.97	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18:01 Hrs	49.7 Hz at 06:41 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 14/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.90	39.94	125	115
Unit 6	0.00	0.00	0	0
Unit 7	3.59	32.30	170	125
Total	6.49	72.24		
Bhusawal				
Unit 2	4.10	57.54	185	140
Unit 3	4.19	57.52	180	170
Unit 4	11.18	145.86	505	415
Unit 5	11.17	148.37	510	410
Total	30.63	409.28		
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	3.04	41.36	130	122
Unit 3	4.40	60.22	199	140
Unit 4	4.41	61.47	195	170
Unit 5	9.53	131.91	430	370
Unit 6	9.79	18.96	470	355
Unit 7	10.12	138.09	440	406
Total	41.29	452.01		
Paras				
Unit 3	5.50	64.72	255	206
Unit 4	5.51	64.90	255	206
Total	11.01	129.62		
Khaparkheda				
Unit 1	3.90	53.11	170	150
Unit 2	3.70	53.10	170	130
Unit 3	4.30	52.38	186	170
Unit 4	3.98	39.35	170	160
Unit 5	10.27	133.89	497	384
Total	26.14	331.83		
Nasik				
Unit 3	4.58	33.16	195	190
Unit 4	4.53	57.63	194	184
Unit 5	4.65	64.88	200	189
Total	13.76	155.66		
Uran				
All Units	6.04	119.43	313	140
Total	6.04	119.43		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	2.79	24	0
Total	0.11	2.79		
Koyna				
Stage 1-2	1.88	33.08	375	40
Stage 4	0.10	14.94	96	0
Stage 3	0.37	10.36	80	0
Total	2.34	58.38		
Hydro				
KDPH	0.74	8.45	37	18
VTRNA	0.55	7.73	61	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.06	0.67	3	2
BHIRA T.R.	0.12	1.99	40	0
RNGR+BHTSA	0.26	3.27	14	0
BHANDARDRA	0.55	7.00	45	11
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.79	10.86	40	30
GHATGHAR	2.29	17.72	250	0
Total	5.35	61.26		
Wind				
Total	3.28	85.89	0	0
Total	3.28	85.89		
CPP				
APML(Mus)	44.10	707.77	0	0
JSWEL(Mus)	23.20	315.84	0	0
VIPL(Mus)	5.69	126.04	0	0
RPLAMT(Mus)	19.77	293.72	0	0
WPCL(Mus)	5.81	75.68	0	0
Other(Mus)	11.30	154.68	0	0
Total	109.86	1673.73		
SOLAR				
Total	1.24	15.80	0	0
Total	1.24	15.80		
Tata				
Trombay 5	9.48	127.38	471	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	26.81	50	49
Trombay 7B	0.99	18.28	42	40
Trombay 8	5.41	76.12	251	199
TATA Hydro	3.31	35.51	368	0
Total	20.38	284.10		
R-INFRA				
1-2	10.03	143.77	517	399
Total	10.03	143.77		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	141.59	1639.09
MSPGCL Thml+Gas	147.64	1758.52

Koradi 8	12.27	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.70	119.64
MSPGCL Total	155.33	1878.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.97	48.02
State Total	300.12	4081.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Dec/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	5664	147	311	6122	107	4281	0	3090	2988	-667	12831	19	12850	1674	14524	49.99
2	5621	137	311	6069	80	4456	0	2891	2973	-538	13040	12	13052	1547	14599	50.00
3	5606	127	311	6044	113	4485	0	2690	2326	-474	12494	18	12512	1482	13994	50.02
4	5594	113	311	6018	184	4482	0	2632	2444	-430	12698	18	12716	1442	14158	50.00
5	5611	108	312	6031	243	4481	0	3150	2688	-455	12988	18	13006	1465	14471	50.01
6	5629	113	313	6055	247	4469	0	3833	3430	-572	13629	22	13651	1580	15231	50.02
7	5657	152	311	6120	262	4335	0	4658	4795	-698	14814	22	14836	1759	16595	49.90
8	5884	607	312	6803	264	4272	15	4779	5157	-739	15772	22	15794	1925	17719	49.92
9	6091	452	306	6849	174	4567	62	4952	4926	-842	15736	22	15758	2140	17898	49.92
10	6124	523	309	6956	91	4780	111	5023	5213	-1006	16145	22	16167	2489	18656	49.87
11	6185	615	292	7092	63	4933	178	5108	5103	-1123	16246	22	16268	2714	18982	49.89
12	6157	614	286	7057	42	4958	182	5141	5202	-1031	16410	22	16432	2728	19160	49.93
13	6178	392	296	6866	30	4907	201	5116	5165	-1080	16089	22	16111	2715	18826	49.97
14	6181	288	298	6767	27	4767	172	5009	4773	-1060	15446	23	15469	2618	18087	50.01
15	6190	424	286	6900	47	4702	163	5028	5249	-1124	15937	13	15950	2621	18571	49.93
16	6174	559	292	7025	45	4673	109	5026	5119	-1080	15891	13	15904	2627	18531	49.89
17	6151	514	191	6856	84	4702	42	4726	4798	-1126	15356	13	15369	2617	17986	49.90
18	6096	264	140	6500	70	4686	5	4198	4196	-1183	14274	13	14287	2592	16879	49.93
19	6049	385	141	6575	133	4686	0	4841	4850	-1257	14987	13	15000	2652	17652	50.00
20	5982	267	142	6391	139	4703	0	4898	4870	-1357	14746	13	14759	2609	17368	49.94
21	5710	203	143	6056	250	4614	0	4394	4656	-1267	14309	13	14322	2463	16785	49.96
22	5710	264	142	6116	237	4428	0	3661	3965	-1272	13474	13	13487	2295	15782	50.02
23	5669	253	145	6067	185	4376	0	3562	3545	-1081	13092	13	13105	2106	15211	49.96
24	5677	175	144	5996	166	4113	0	3885	3479	-959	12795	13	12808	1969	14777	49.98
MUs	141.59	7.70	6.04	155.33	3.28	109.86	1.24	102.29	101.91	-22.42	349.20	0.41	349.61	52.83	402.44	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 14/Dec/2015

Position as on 6.30 Hrs of 15/Dec/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	
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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
MSPGCL	Uran Unit B0	120	09/12/2015	12.34		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	09/12/2015	12.42		Continued.	Gas shortage	
IPP	VIPL U-2	300	09/12/2015	23.51	14/12/2015	22.20	Inspection and Testing of U-2 Boiler	
IPP	RPL(AMT) U-5	270	12/12/2015	21.29	15/12/2015	01.23	Cooling Water Line Leakage.	
IPP	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
MSPGCL	Uran Unit 6	108	14/12/2015	16.35		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 15/Dec/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							
Dhule Sar'Sarovar I	InterState	13/12/2015	13.40	14/12/2015	06.46	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/12/2015	17.13	14/12/2015	06.53	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	14/12/2015	10.46	14/12/2015	14.31	PO	CSD COMMISSIONING
Dhule Sar'Sarovar I	InterState	14/12/2015	17.35		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/12/2015	22.19		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	10/12/2015	06.37		Continued.	PO	Line Rectification work(RFC 17.27Hrs)
Karad - Lonikand 1	IntraState	12/12/2015	10.02		Continued.	PO	Insulator Disc Replacement.
karad -kolhapur-II	IntraState	13/12/2015	16.04	14/12/2015	09.18	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/12/2015	16.11	14/12/2015	10.11	T	Over Voltage
Bhusawal-Aurangabad	IntraState	13/12/2015	16.35	14/12/2015	07.12	HT	Over Voltage
karad -kolhapur-I	IntraState	14/12/2015	16.35		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/12/2015	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/12/2015	17.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/12/2015	21.57		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	14/12/2015	22.07	15/12/2015	00.25	EO	Brekar pole to ips tube connection
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	14/12/2015	16.08	14/12/2015	20.38	PO	Testing Work
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	15/12/2015	05.28		Continued.	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	14/12/2015	09.21		Continued.	PO	Insulator Replacement Work
Nasik Navsari II	InterState	14/12/2015	09.38		Continued.	PO	Insulator Replacement 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.
Wadkhali - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Halkarni-Mahalaxmiline	IntraState	13/12/2015	15.40	14/12/2015	07.55	T	R-ph C.T.burst
Parvati - Hybrid Pass	IntraState	14/12/2015	08.58	14/12/2015	17.32	HT	Control urse-chinchwad line loading
Hinjawadi I- Chinchwad	IntraState	14/12/2015	09.30	14/12/2015	16.35	HT	Control urse-chinchwad line loading
Hamidwada-Mumewadi	IntraState	14/12/2015	09.53	14/12/2015	17.15	PO	Replacement work
New Koyna - Niwali	IntraState	14/12/2015	10.18	14/12/2015	16.57	PO	R.m.work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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