

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.345	1702.244	1) Gujrat	-1.911	-6.182
2) Hydro	23.817	296.317	2) Madhya Pradesh	16.055	233.151
3) Gas	7.097	68.255	3) Chattisgarh	5.990	75.890
Total MSPGCL	134.259	2066.816	4) Maharashtra Net	87.675	1226.293
B) 1) APMIL	47.030	640.720	5) Goa	-6.831	-96.742
2) JSWEL	21.030	304.771	6) TAPS 1&2 Injection	3.552	50.532
3) VIPL	9.167	154.335	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.240	100.989	8) Pench (MS)	0.000	0.674
5) WPCL	2.612	37.434	9) Pench (Excess)	0.000	-0.674
6) Other IPP	8.043	117.422	Total	104.530	1482.268
C) 1) TPCL Thermal	17.335	251.159	a) Mumbai Schedule	20.119	300.484
2) TPCL Hydro	3.365	49.890	b) Mumbai Drawl	22.489	321.807
3) TPCL Gas	2.151	33.026	c) MSEDCL Bilateral *	24.258	307.560
4) R-INFRA Thermal	12.432	163.040	Include PX	0.075	-24.365
D) STATE			d) Mumbai Bilateral *	20.119	300.484
1) Thermal	226.234	3472.114	Include PX	0.796	4.564
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	27.182	346.207	H) ENERGY CATERED (MUs)		
3) Gas	9.248	101.281	1) MSEDCL	313.788	4742.829
4) Wind	2.946	141.922	2) Mumbai Discoms	57.773	818.866
6) SOLAR	1.420	17.285	TOTAL STATE	371.561	5561.695
TOTAL STATE	267.030	4078.809			

* 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 4 Hrs
MSPGCL Thermal	4143	4226	4506	4053
MSPGCL Hydro	1677	1457	771	292
MSPGCL Gas	295	288	301	299
MSPGCL Total Generation	6115	5971	5578	4644
Central Sector Receipt	4781	4931	4771	3817
WIND	23	115	357	56
CPP / IPP	4167	4087	3747	3921
SOLAR	209	131	0	0
Exchange with Mumbai	-1138	-1205	-986	-539
MSEDCL DEMAND MET	14157	14030	13467	11899
Load Shedding	42	38	40	41
MSEDCL DEMAND	14199	14068	13507	11940
TPCL GENERATION	1180	1077	1134	821
R-INFRA GENERATION	515	518	519	520
MUMBAI DEMAND	2833	2800	2639	1880
STATE DEMAND MET	16990	16830	16106	13779
STATE DEMAND	17032	16868	16146	13820
Frequency (Hz)	49.98	49.99	49.90	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17:03 Hrs	49.75 Hz at 20:05 Hrs	49.97	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/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.11	32.50	114	0
Unit 6	0.00	0.00	0	0
Unit 7	3.50	55.07	160	130
Total	3.61	87.57		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	56.35	175	155
Unit 4	9.01	134.52	405	360
Unit 5	7.63	132.28	375	270
Total	20.62	323.16		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.54	47.88	155	140
Unit 6	1.60	63.22	201	0
Unit 7	2.26	62.24	209	0
Total	7.40	198.80		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.15	44.92	137	126
Unit 3	4.51	63.16	210	170
Unit 4	4.26	56.88	190	160
Unit 5	0.73	114.88	190	0
Unit 6	9.69	132.78	435	365
Unit 7	9.44	129.93	425	366
Total	31.78	542.56		
Paras				
Unit 3	2.20	65.01	210	0
Unit 4	5.01	35.82	226	193
Total	7.22	100.83		
Khaparkheda				
Unit 1	4.24	58.80	195	165
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.43	41.40	197	170
Unit 5	10.89	154.81	500	400
Total	19.55	266.82		
Nasik				
Unit 3	4.43	64.14	190	180
Unit 4	4.39	62.81	190	179
Unit 5	4.34	55.55	186	175
Total	13.16	182.50		
Uran				
All Units	7.10	68.26	301	286
Total	7.10	68.26		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.67	0	0
Total	0.00	0.67		
Koyna				
Stage 1-2	6.20	77.99	520	60
Stage 4	10.06	108.46	935	0
Stage 3	3.37	40.30	240	0
Total	19.63	226.76		
Hydro				
KDPH	0.43	8.56	19	18
VTRNA	0.96	15.04	61	0
TILLARI	0.31	5.10	64	0
BHTGR/VEER	0.05	0.79	3	2
BHIRA T.R.	0.24	2.76	80	0
RNGR+BHTSA	0.29	3.33	13	12
BHANDARDRA	0.44	6.80	43	10
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.93	13.45	39	38
GHATGHAR	0.53	13.01	127	0
Total	4.18	69.56		
Wind				
Total	2.95	141.92	0	0
Total	2.95	141.92		
CPP				
APML(Mus)	47.03	640.72	0	0
JSWEL(Mus)	21.03	304.77	0	0
VIPL(Mus)	9.17	154.34	0	0
RPLAMT(Mus)	5.24	100.99	0	0
WPCL(Mus)	2.61	37.43	0	0
Other(Mus)	8.04	117.42	0	0
Total	93.12	1355.67		
SOLAR				
Total	1.42	17.28	0	0
Total	1.42	17.28		
Tata				
Trombay 5	11.37	150.34	491	437
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.20	18.38	51	49
Trombay 7B	0.96	14.64	41	39
Trombay 8	5.97	80.89	250	246
TATA Hydro	3.36	49.89	348	0
Total	22.85	334.08		
R-INFRA				
1-2	12.43	163.04	520	515
Total	12.43	163.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.34	1702.24
MSPGCL Thml+Gas	110.44	1770.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.82	296.32
MSPGCL Total	134.26	2066.82

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	16.26	186.46
State Total	267.03	4078.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Apr/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	4595	562	292	5449	143	3600	0	4186	4085	-905	12372	79	12451	2277	14728	49.96
2	4457	287	297	5041	107	3653	0	4093	3930	-743	11988	41	12029	2085	14114	49.99
3	4052	282	299	4633	61	3723	0	4093	4188	-567	12038	41	12079	1953	14032	49.93
4	4053	292	299	4644	56	3921	0	4093	3817	-539	11899	41	11940	1880	13820	49.94
5	4050	336	298	4684	91	4034	0	4093	3736	-496	12049	42	12091	1839	13930	49.97
6	4108	895	298	5301	109	3760	0	4165	3736	-576	12330	42	12372	1881	14253	49.96
7	4137	1448	296	5881	66	3708	2	4496	4109	-573	13193	42	13235	1901	15136	49.99
8	4131	1528	294	5953	29	3734	37	4591	4310	-648	13415	42	13457	1991	15448	50.00
9	4088	1500	294	5882	27	4039	80	4720	5026	-763	14291	42	14333	2203	16536	49.88
10	4219	1717	290	6226	21	4017	133	4835	4667	-973	14091	42	14133	2546	16679	49.93
11	4339	1652	289	6280	22	4186	180	5000	4600	-1177	14091	42	14133	2791	16924	49.96
12	4143	1677	295	6115	23	4167	209	5112	4781	-1138	14157	42	14199	2833	17032	49.98
13	4105	1602	298	6005	42	4117	206	5167	4530	-1137	13763	42	13805	2760	16565	49.95
14	4130	1258	298	5686	56	4151	187	5102	4754	-1202	13632	46	13678	2791	16469	50.02
15	4177	1144	286	5607	72	4137	150	5098	4945	-1171	13740	38	13778	2804	16582	49.94
16	4226	1457	288	5971	115	4087	131	5145	4931	-1205	14030	38	14068	2800	16868	49.99
17	4335	1621	288	6244	147	3780	75	4858	4406	-1220	13432	38	13470	2754	16224	50.02
18	4412	908	297	5617	299	3754	28	4470	3732	-1232	12198	38	12236	2644	14880	50.04
19	4433	603	300	5336	420	3777	2	4323	3811	-1185	12161	40	12201	2598	14799	49.99
20	4506	771	301	5578	357	3747	0	4903	4771	-986	13467	40	13507	2639	16146	49.90
21	4582	516	301	5399	297	3752	0	4729	4380	-935	12893	40	12933	2552	15485	49.94
22	4671	417	300	5388	193	3830	0	4430	4509	-1009	12911	40	12951	2468	15419	50.00
23	4743	465	299	5507	106	3737	0	4317	4431	-1078	12703	40	12743	2419	15162	49.95
24	4653	879	300	5832	87	3711	0	4264	4345	-1031	12944	40	12984	2363	15347	49.96
MUs	103.34	23.82	7.10	134.26	2.95	93.12	1.42	110.28	104.53	-22.49	313.79	1.02	314.81	57.77	372.58	49.97

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/Apr/2015

Position as on 6.30 Hrs of 15/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		Continued.	Annual Overhaul	
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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
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	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
IPP	WPCL U-3	135	11/04/2015	23.56		Continued.	ID Fan Vibration Problem.	
MSPGCL	Chandrapur Unit 5	500	12/04/2015	14.38	14/04/2015	19.18	Boiler Tube Leakage	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Apr/2015

Position as on 6.30 Hrs of 15/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	14/04/2015	01.01		Continued.	Flame Failure	
MSPGCL	Parli Unit 6	250	14/04/2015	02.05	14/04/2015	16.08	Aux.supply fail,due to Bus Bar Prot Optd.	
MSPGCL	Parli Unit 7	250	14/04/2015	02.05	14/04/2015	13.45	Aux.supply fail,due to Bus Bar Prot Optd.	
MSPGCL	Koyana Unit 1	75	14/04/2015	08.18	14/04/2015	18.50	Maintenance work	
MSPGCL	Paras Unit 3	250	14/04/2015	10.53		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	14/04/2015	16.10		Continued.	PA Fan problem	

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

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa II	InterState	13/04/2015	16.07	14/04/2015	09.43	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/04/2015	17.35	14/04/2015	07.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/04/2015	18.06	14/04/2015	11.43	HT	Over Voltage
Karad Solapur (PG)	InterState	14/04/2015	13.45	14/04/2015	14.35	T	Distance Protection
Kolhapur Mapusa I	InterState	14/04/2015	16.41		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/04/2015	18.47		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
karad -kolhapur-I	IntraState	13/04/2015	15.23	14/04/2015	08.31	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/04/2015	16.05	14/04/2015	08.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/04/2015	16.52	14/04/2015	08.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/04/2015	21.52	14/04/2015	07.06	HT	Over Voltage
Padghe - Nagothane - II	IntraState	14/04/2015	09.54	14/04/2015	19.42	PO	Insulator Replacement Work
Chandrapur-Parali 2	IntraState	14/04/2015	11.03	14/04/2015	19.25	PO	Replacement of Broken Spacer
karad -kolhapur-II	IntraState	14/04/2015	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/04/2015	16.11		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/04/2015	17.05		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2015	18.23		Continued.	HT	From Nashik end to Control Bus section Loading.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).open at location 14 b
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 deenergising 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 deenergising the line bet.86 to 107.
Uran - Apta 2	IntraState	13/04/2015	09.45		Continued.	PO	Breaker O/H work.Ckt on TBC.
Nerul - Sonkhar	IntraState	13/04/2015	21.05	14/04/2015	03.10	PO	Relay testing work.
Solapur(Bale) - Tuljapur	IntraState	14/04/2015	06.05	14/04/2015	20.33	HT	To control O/L of Parli ICT's.
Osmanabad - Solapur (Bale)	IntraState	14/04/2015	06.05	14/04/2015	20.33	HT	To control O/L of Parli ICT's.
Umred-Virangana 1	IntraState	14/04/2015	07.42	14/04/2015	19.05	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	14/04/2015	09.40	14/04/2015	19.40	PO	Cold washing of Insulator String
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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