

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Apr/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.603	841.653	1) Gujrat	0.168	-1.692
2) Hydro	28.855	153.900	2) Madhya Pradesh	16.357	124.592
3) Gas	3.431	38.787	3) Chattisgarh	6.980	40.030
Total MSPGCL	156.889	1034.340	4) Maharashtra Net	93.110	585.521
B) 1) APML	44.910	331.890	5) Goa	-7.275	-45.139
2) JSWEL	22.709	153.421	6) TAPS 1&2 Injection	3.635	25.268
3) VIPL	12.512	76.076	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	0.119	65.769	8) Pench (MS)	0.000	0.464
5) WPCL	2.662	19.030	9) Pench (Excess)	0.000	-0.464
6) Other IPP	8.454	61.888	Total	112.975	728.116
C) 1) TPCL Thermal	17.245	134.476	a) Mumbai Schedule	23.136	147.045
2) TPCL Hydro	5.473	20.320	b) Mumbai Drawl	23.014	153.192
3) TPCL Gas	2.494	17.632	c) MSEDCL Bilateral *	21.940	154.323
4) R-INFRA Thermal	12.211	81.375	Include PX	-0.890	-22.207
D) STATE			d) Mumbai Bilateral *	23.136	147.045
1) Thermal	245.425	1765.578	Include PX	0.331	1.331
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	34.328	174.220	H) ENERGY CATERED (MUs)		
3) Gas	5.925	56.419	1) MSEDCL	350.011	2424.046
4) Wind	10.553	96.753	2) Mumbai Discoms	60.437	406.992
6) SOLAR	1.242	9.491	TOTAL STATE	410.448	2831.038
TOTAL STATE	297.473	2102.461			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5363	5137	5331	4940
MSPGCL Hydro	2401	2055	785	192
MSPGCL Gas	140	136	141	144
MSPGCL Total Generation	7904	7328	6257	5276
Central Sector Receipt	5356	5432	4607	4548
WIND	44	239	457	921
CPP / IPP	3854	3853	3968	3604
SOLAR	177	100	0	0
Exchange with Mumbai	-1210	-1184	-1049	-751
MSEDCL DEMAND MET	16125	15768	14240	13598
Load Shedding	159	382	215	49
MSEDCL DEMAND	16284	16150	14455	13647
TPCL GENERATION	1302	1317	1137	625
R-INFRA GENERATION	514	515	518	382
MUMBAI DEMAND	3026	3016	2704	1758
STATE DEMAND MET	19151	18784	16944	15356
STATE DEMAND	19310	19166	17159	15405
Frequency (Hz)	49.78	49.81	49.94	49.82

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.03 Hrs	49.46 Hz at 21.03 Hrs	49.86	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 07/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.45	10.72	162	80
Unit 6	0.00	0.00	0	0
Unit 7	4.00	28.11	177	157
Total	7.45	38.83		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	27.69	190	20
Unit 4	11.38	62.18	525	380
Unit 5	10.92	71.28	510	360
Total	26.38	161.14		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	9.25	0	0
Unit 5	2.51	23.64	152	0
Unit 6	4.82	32.90	250	188
Unit 7	4.79	33.35	250	187
Total	12.12	99.14		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.25	22.97	141	130
Unit 3	4.79	31.25	207	180
Unit 4	4.48	30.37	191	180
Unit 5	10.00	68.24	430	405
Unit 6	9.78	65.88	422	375
Unit 7	10.18	64.48	445	400
Total	42.49	283.18		
Paras				
Unit 3	4.95	34.84	220	197
Unit 4	1.04	1.04	208	0
Total	5.98	35.88		
Khaparkheda				
Unit 1	4.35	29.77	190	165
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	0.00	14.80	0	0
Unit 5	12.01	78.28	505	500
Total	16.36	134.67		
Nasik				
Unit 3	4.72	31.98	210	180
Unit 4	4.58	31.43	199	178
Unit 5	4.53	25.39	196	177
Total	13.83	88.80		
Uran				
All Units	3.43	38.79	156	133
Total	3.43	38.79		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.46	0	0
Total	0.00	0.46		
Koyna				
Stage 1-2	7.55	38.79	545	40
Stage 4	12.00	57.77	1120	0
Stage 3	4.08	21.20	240	0
Total	23.64	117.76		
Hydro				
KDPH	0.87	5.19	37	36
VTRNA	1.10	7.98	61	0
TILLARI	0.32	2.59	64	0
BHTGR/VEER	0.06	0.41	3	2
BHIRA T.R.	0.09	0.89	71	0
RNGR+BHTSA	0.30	1.43	13	12
BHANDARDRA	0.46	3.46	20	19
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.96	6.78	41	40
GHATGHAR	1.07	6.69	250	0
Total	5.22	36.14		
Wind				
Total	10.55	96.75	0	0
Total	10.55	96.75		
CPP				
APML(Mus)	44.91	331.89	0	0
JSWEL(Mus)	22.71	153.42	0	0
VIPL(Mus)	12.51	76.08	0	0
RPLAMT(Mus)	0.12	65.77	0	0
WPCL(Mus)	2.66	19.03	0	0
Other(Mus)	8.45	61.89	0	0
Total	91.37	708.07		
SOLAR				
Total	1.24	9.49	0	0
Total	1.24	9.49		
Tata				
Trombay 5	11.36	74.54	492	327
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.39	9.85	65	49
Trombay 7B	1.10	7.78	51	39
Trombay 8	5.88	40.01	252	201
TATA Hydro	5.47	20.32	463	0
Total	25.21	172.43		
R-INFRA				
1-2	12.21	81.38	520	382
Total	12.21	81.38		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.60	841.65
MSPGCL Thml+Gas	128.03	880.44

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	28.86	153.90
MSPGCL Total	156.89	1034.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	19.56	96.56
State Total	297.47	2102.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4822	1022	154	5998	771	3765	0	4184	4510	-838	14206	63	14269	2218	16487	49.78
2	5147	512	156	5815	790	3681	0	4095	4237	-667	13856	47	13903	2015	15918	49.78
3	5193	154	156	5503	898	3783	0	4095	4307	-561	13930	49	13979	1896	15875	49.81
4	5006	178	156	5340	946	3693	0	4099	4149	-576	13552	49	13601	1810	15411	49.87
5	4940	192	144	5276	921	3604	0	4095	4548	-751	13598	49	13647	1758	15405	49.82
6	5079	629	145	5853	722	3584	0	4157	4569	-672	14056	88	14144	1853	15997	49.74
7	5072	1295	147	6514	596	3780	0	4140	4351	-609	14632	123	14755	1967	16722	49.88
8	5102	1727	147	6976	437	3823	29	4148	4544	-621	15188	127	15315	2089	17404	49.94
9	5270	1797	142	7209	290	3812	85	4386	4780	-850	15326	127	15453	2418	17871	49.89
10	5265	1974	138	7377	202	3828	125	4712	5361	-1048	15845	127	15972	2724	18696	49.84
11	5254	2217	138	7609	104	3902	147	4732	5330	-1168	15924	126	16050	2961	19011	49.88
12	5363	2401	140	7904	44	3854	177	4908	5356	-1210	16125	159	16284	3026	19310	49.78
13	5401	2225	134	7760	94	3849	165	4899	5148	-1228	15788	228	16016	3020	19036	49.73
14	5371	1800	133	7304	158	3862	177	4848	5181	-1138	15544	329	15873	2952	18825	49.80
15	5331	2026	133	7490	182	3846	138	4832	4954	-1172	15438	263	15701	3002	18703	49.73
16	5137	2055	136	7328	239	3853	100	4749	5432	-1184	15768	382	16150	3016	19166	49.81
17	5016	1748	137	6901	241	3814	72	4624	5109	-1191	14946	625	15571	3015	18586	49.89
18	5154	797	139	6090	313	3809	26	4039	4164	-1312	13090	845	13935	2944	16879	50.00
19	5192	453	140	5785	431	3803	1	3898	3850	-1228	12642	445	13087	2790	15877	49.93
20	5198	724	142	6064	444	3854	0	4436	4676	-1067	13971	349	14320	2828	17148	49.91
21	5331	785	141	6257	457	3968	0	4405	4607	-1049	14240	215	14455	2704	17159	49.94
22	5342	560	143	6045	450	3943	0	4362	4532	-927	14043	119	14162	2547	16709	49.92
23	5327	626	145	6098	451	3857	0	4311	4543	-989	13960	53	14013	2478	16491	49.91
24	5290	958	145	6393	372	3799	0	4316	4737	-958	14343	53	14396	2406	16802	49.94
MUs	124.60	28.86	3.43	156.89	10.55	91.37	1.24	105.47	112.98	-23.01	350.01	5.04	355.05	60.44	415.49	49.86

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 07/Apr/2015

Position as on 6.30 Hrs of 08/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	Paras Unit 4	250	05/03/2015	00.00	07/04/2015	17.40	Annual Overhaul	
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-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		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	Parli Unit 4	210	03/04/2015	22.10		Continued.	Condenser Tube Leakage Withdrawn.	
IPP	Adani U-3	660	04/04/2015	02.12		Continued.	Due to Main Steam drain line leakage.	
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	
CENT.SECTOR	TARAPUR-3	540	04/04/2015	20.15		Continued.	Reheater Problem	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Apr/2015

Position as on 6.30 Hrs of 08/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 4	210	05/04/2015	21.18		Continued.	Fire at HP turbine side.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Koyna Unit 10	80	06/04/2015	08.15		Continued.	To attend leakages.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Bhusawal Unit 3	210	06/04/2015	18.46	07/04/2015	00.41	R-Ph CT Burst of 132KV Muktinagar feeder at BSL.	
IPP	RPL(AMT) U-2	270	07/04/2015	00.27		Continued.	R-Ph CT Burst of Akola II Ckt.I at IBL.	
MSPGCL	Parli Unit 5	210	07/04/2015	15.56	07/04/2015	19.03	Auxiliary supply failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 08/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							
Kolhapur Mapusa II	InterState	06/04/2015	16.37	07/04/2015	09.23	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/04/2015	18.17	07/04/2015	07.41	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Chandrapur-II - Warora - I	InterState	07/04/2015	11.11	07/04/2015	14.20	PO	Connecting detached conductor of R Phase CT
Kolhapur Mapusa I	InterState	07/04/2015	18.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2015	21.19	07/04/2015	07.31	HT	Over Voltage
karad -kolhapur-I	IntraState	06/04/2015	16.34	07/04/2015	07.28	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/04/2015	16.36	07/04/2015	08.46	HT	Over Voltage
Koradi-India Bulls	IntraState	07/04/2015	14.08	08/04/2015	00.09	T	CT Cable Checking
Akola-Indiabulls	IntraState	07/04/2015	14.09	08/04/2015	00.03	EO	CT Cable Checking
N.Koyna-Karad -Ckt II	IntraState	07/04/2015	14.22	07/04/2015	18.58	T	Routine Maintenance Work
karad -kolhapur-II	IntraState	07/04/2015	16.41		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/04/2015	18.03		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Maisal-Jath I	InterState	07/04/2015	10.40	07/04/2015	13.00	HT	Quarterly Maintainance Work
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
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
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.
Butibori-Indorama	IntraState	07/04/2015	06.18	07/04/2015	21.26	PO	Annual Maintenance Work
Kalwa - Airoli Knowledge Park	IntraState	07/04/2015	06.37	07/04/2015	17.45	PO	CT Painting work,shifted on TBC
Nigade- Peth Line	IntraState	07/04/2015	09.45	07/04/2015	12.03	PO	Quarterly Maintainance Work
Parli 3 (Old Gcr)-Osmanabad	IntraState	07/04/2015	09.46		Continued.	T	Distance Protection
Halkarni - Tillari II	IntraState	07/04/2015	10.30		Continued.	PO	Testing Work
Deoli(Pgcil)-Badnera	IntraState	07/04/2015	15.42	07/04/2015	18.03	HT	Hand Tripped by WRLDC
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings							
Seloo - Mahatmasugar	InterState	06/04/2015	12.45	07/04/2015	10.25	T	B phase CT Burst at Seloo end
Deepnagar- Muktainagar	IntraState	06/04/2015	18.23	07/04/2015	15.00	T	R Phase CT Burst

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