

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.160	1598.899	1) Gujrat	-2.659	-4.271
2) Hydro	14.003	272.500	2) Madhya Pradesh	15.498	217.096
3) Gas	5.161	61.158	3) Chattisgarh	4.930	69.900
Total MSPGCL	134.324	1932.557	4) Maharashtra Net	90.414	1138.618
B) 1) APMIL	46.640	593.690	5) Goa	-6.851	-89.911
2) JSWEL	20.103	283.741	6) TAPS 1&2 Injection	3.550	46.980
3) VIPL	9.148	145.168	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.220	95.749	8) Pench (MS)	0.031	0.674
5) WPCL	2.587	34.822	9) Pench (Excess)	-0.031	-0.674
6) Other IPP	7.789	109.379	Total	104.851	1377.738
C) 1) TPCL Thermal	16.150	233.824	a) Mumbai Schedule	20.655	280.365
2) TPCL Hydro	4.291	46.525	b) Mumbai Drawl	26.186	299.318
3) TPCL Gas	2.169	30.875	c) MSEDCL Bilateral *	18.531	283.302
4) R-INFRA Thermal	11.514	150.608	Include PX	-0.195	-24.440
D) STATE			d) Mumbai Bilateral *	20.655	280.365
1) Thermal	234.311	3245.880	Include PX	1.280	3.768
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	18.294	319.025	H) ENERGY CATERED (MUs)		
3) Gas	7.330	92.033	1) MSEDCL	311.725	4429.041
4) Wind	6.170	138.976	2) Mumbai Discoms	60.308	761.093
6) SOLAR	1.079	15.865	TOTAL STATE	372.033	5190.134
TOTAL STATE	267.184	3811.779			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4943	4974	4625	4687
MSPGCL Hydro	1208	1008	545	112
MSPGCL Gas	170	240	290	148
MSPGCL Total Generation	6321	6222	5460	4947
Central Sector Receipt	5083	4987	4515	3803
WIND	35	94	425	222
CPP / IPP	4092	4084	3652	3680
SOLAR	147	147	0	0
Exchange with Mumbai	-1328	-1333	-1074	-839
MSEDCL DEMAND MET	14350	14201	12978	11813
Load Shedding	43	43	40	42
MSEDCL DEMAND	14393	14244	13018	11855
TPCL GENERATION	1215	1203	1092	612
R-INFRA GENERATION	512	517	521	379
MUMBAI DEMAND	3055	3053	2687	1830
STATE DEMAND MET	17405	17254	15665	13643
STATE DEMAND	17448	17297	15705	13685
Frequency (Hz)	49.96	49.94	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13:03 Hrs	49.75 Hz at 19:27 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 13/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.52	32.39	165	120
Unit 6	0.00	0.00	0	0
Unit 7	3.84	51.57	175	133
Total	7.36	83.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.01	52.38	170	165
Unit 4	9.07	125.52	395	360
Unit 5	7.64	124.66	340	280
Total	20.72	302.54		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	1.45	25.46	140	0
Unit 5	3.56	44.34	158	129
Unit 6	4.72	61.62	206	189
Unit 7	4.78	59.97	205	192
Total	14.51	191.40		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.12	41.77	134	126
Unit 3	4.41	58.65	207	160
Unit 4	4.30	52.62	192	168
Unit 5	0.00	114.15	0	0
Unit 6	9.49	123.09	430	364
Unit 7	9.63	120.49	439	370
Total	30.96	510.77		
Paras				
Unit 3	4.61	62.81	220	180
Unit 4	4.61	30.81	209	181
Total	9.22	93.62		
Khaparkheda				
Unit 1	4.38	54.56	195	170
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.50	36.97	196	174
Unit 5	10.27	143.92	490	375
Total	19.14	247.27		
Nasik				
Unit 3	4.52	59.71	205	180
Unit 4	4.40	58.42	197	173
Unit 5	4.34	51.21	196	162
Total	13.26	169.34		
Uran				
All Units	5.16	61.16	293	147
Total	5.16	61.16		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.67	31	0
Total	0.03	0.67		
Koyna				
Stage 1-2	5.32	71.79	535	40
Stage 4	3.01	98.41	480	0
Stage 3	1.80	36.93	240	0
Total	10.12	207.12		
Hydro				
KDPH	0.60	8.12	37	18
VTRNA	0.91	14.08	61	0
TILLARI	0.37	4.78	64	0
BHTGR/VEER	0.05	0.73	3	2
BHIRA T.R.	0.28	2.52	80	0
RNGR+BHTSA	0.17	3.04	12	0
BHANDARDRA	0.48	6.36	42	10
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.88	12.52	37	36
GHATGHAR	0.13	12.48	126	0
Total	3.88	65.38		
Wind				
Total	6.17	138.98	0	0
Total	6.17	138.98		
CPP				
APML(Mus)	46.64	593.69	0	0
JSWEL(Mus)	20.10	283.74	0	0
VIPL(Mus)	9.15	145.17	0	0
RPLAMT(Mus)	5.22	95.75	0	0
WPCL(Mus)	2.59	34.82	0	0
Other(Mus)	7.79	109.38	0	0
Total	91.49	1262.55		
SOLAR				
Total	1.08	15.86	0	0
Total	1.08	15.86		
Tata				
Trombay 5	10.43	138.98	491	315
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.20	17.19	55	49
Trombay 7B	0.96	13.69	43	39
Trombay 8	5.72	74.92	251	201
TATA Hydro	4.29	46.52	387	0
Total	22.61	311.22		
R-INFRA				
1-2	11.51	150.61	521	378
Total	11.51	150.61		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.16	1598.90
MSPGCL Thml+Gas	120.32	1660.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.00	272.50
MSPGCL Total	134.32	1932.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.33	170.20
State Total	267.18	3811.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4861	428	147	5436	284	3699	0	4164	4273	-1242	12450	80	12530	2236	14766	49.99
2	4788	132	147	5067	254	3700	0	4163	4277	-1056	12242	42	12284	2047	14331	49.98
3	4720	107	148	4975	264	3698	0	4061	3826	-928	11835	42	11877	1916	13793	49.99
4	4687	112	148	4947	222	3680	0	3815	3803	-839	11813	42	11855	1830	13685	49.99
5	4685	228	148	5061	184	3702	0	3815	3901	-803	12045	43	12088	1798	13886	49.98
6	4801	396	149	5346	128	3707	0	4093	4205	-821	12565	43	12608	1849	14457	49.94
7	4923	428	149	5500	79	3760	1	4522	4480	-722	13098	43	13141	1939	15080	49.96
8	4946	519	150	5615	23	3664	34	4710	5045	-688	13693	43	13736	2078	15814	49.99
9	4978	853	149	5980	22	3896	73	4523	4735	-923	13783	43	13826	2376	16202	49.97
10	4965	1250	147	6362	22	4090	114	4593	4713	-1226	14075	43	14118	2747	16865	49.95
11	5011	1384	161	6556	18	4072	157	4740	4788	-1359	14232	43	14275	3015	17290	49.96
12	4943	1208	170	6321	35	4092	147	4864	5083	-1328	14350	43	14393	3055	17448	49.96
13	4974	1008	240	6222	94	4084	147	4895	4987	-1333	14201	43	14244	3053	17297	49.94
14	4926	372	271	5569	158	4034	112	4800	4841	-1226	13488	46	13534	2932	16466	50.00
15	4970	510	274	5754	209	4148	121	4795	4790	-1308	13714	38	13752	2970	16722	49.95
16	4947	589	272	5808	351	4068	91	4855	4805	-1421	13702	38	13740	3001	16741	49.98
17	4614	343	275	5232	560	3951	54	4711	4561	-1360	12998	38	13036	2985	16021	49.94
18	4659	268	278	5205	599	3598	27	3918	4091	-1265	12255	38	12293	2865	15158	49.98
19	4667	524	280	5471	758	3595	1	3625	3245	-1195	11875	40	11915	2755	14670	49.98
20	4624	518	290	5432	848	3613	0	4488	4034	-1132	12795	40	12835	2780	15615	49.90
21	4625	545	290	5460	425	3652	0	4330	4515	-1074	12978	40	13018	2687	15705	50.00
22	4607	706	292	5605	302	3681	0	4139	3751	-941	12398	40	12438	2516	14954	49.98
23	4641	670	293	5604	162	3620	0	4179	4592	-1006	12972	40	13012	2463	15475	49.98
24	4598	905	293	5796	169	3683	0	4154	3510	-990	12168	40	12208	2417	14625	50.00
MUs	115.16	14.00	5.16	134.32	6.17	91.49	1.08	104.95	104.85	-26.19	311.72	1.03	312.76	60.31	373.07	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 13/Apr/2015

Position as on 6.30 Hrs of 14/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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50	13/04/2015	10.52	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	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Apr/2015

Position as on 6.30 Hrs of 14/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	12/04/2015	14.38		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Koradi Unit 5	200	14/04/2015	01.01		Continued.	Flame Failure	
MSPGCL	Parli Unit 6	250	14/04/2015	02.05		Continued.	Aux.supply fail,due to Bus Bar Prot Optd.	
MSPGCL	Parli Unit 7	250	14/04/2015	02.05		Continued.	Aux.supply fail,due to Bus Bar Prot Optd.	

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

Statement-VII

Position as on 6.30 Hrs of 14/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 I	InterState	11/04/2015	16.28	13/04/2015	10.50	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/04/2015	18.17	13/04/2015	10.45	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	12/04/2015	18.21	13/04/2015	07.32	HT	Over Voltage
Wardha (Pg) Warora I	InterState	13/04/2015	11.57	13/04/2015	13.09	PO	Attending main BKR problem,Ckt in service through Tie Bay.
Kolhapur Mapusa II	InterState	13/04/2015	16.07		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/04/2015	17.35		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/04/2015	18.06		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLASHWER - PADGHA
karad -kolhapur-II	IntraState	12/04/2015	16.16	13/04/2015	07.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/04/2015	16.33	13/04/2015	07.14	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/04/2015	17.03	13/04/2015	06.12	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/04/2015	17.19	13/04/2015	06.11	HT	Over Voltage
Padghe - Nagothane - I	IntraState	13/04/2015	08.49	13/04/2015	20.15	PO	String replace work.
karad -kolhapur-I	IntraState	13/04/2015	15.23		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/04/2015	16.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/04/2015	16.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/04/2015	21.52		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.
Tillari Amona	InterState	13/04/2015	10.20	13/04/2015	15.22	PO	Relay Testing Work.
Badnera - Deoli (PG)	InterState	13/04/2015	14.59	13/04/2015	21.53	PO	Relay Testing 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
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.
Babhaleshwar - Degaon Rangari	IntraState	11/04/2015	15.05	13/04/2015	10.43	T	R-Ph Fault , Pole Stuck up . Cause of LBB Operated.
Mururd - Tuljapur	IntraState	13/04/2015	00.27	13/04/2015	18.51	T	Distance Protection
Osmanabad - Solapur (Bale)	IntraState	13/04/2015	01.23	13/04/2015	18.51	HT	Attending B/down of Murud-Tuljapur as both ckt on same tower.
Boisar Versova Line	IntraState	13/04/2015	07.10	13/04/2015	09.35	PO	R-Ph jumper replace.
Uran - Apta 2	IntraState	13/04/2015	09.45		Continued.	PO	Breaker O/H work.Ckt on TBC.
Peth- Mudshingi -I	IntraState	13/04/2015	09.52	13/04/2015	20.56	PO	Y-Ph wave trap installation.

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/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 14/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Eklahare (Gcr) - Ghatghar	IntraState	13/04/2015	15.44	13/04/2015	15.53	T	R-Ph Z-I Bkr trip at Ghatghar end only.
Bhokardan-Jafarabad	IntraState	13/04/2015	19.40	13/04/2015	20.55	T	Distance Protection
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		Continued.	HT	To control O/L of Parli ICT's.
Osmanabad - Solapur (Bale)	IntraState	14/04/2015	06.05		Continued.	HT	To control O/L of Parli ICT's.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	13/04/2015	18.02	13/04/2015	19.28	T	Bus Bar Prot Optd,Reason under investigation.
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	13/04/2015	18.02	13/04/2015	19.28	T	Bus Bar Prot Optd,Reason under investigation.
132 KV LINE Outages/Trippings							
Beed (220kv) - Beed (132kv)	IntraState	13/04/2015	18.02	13/04/2015	23.01	T	Bus Bar Prot Optd,Reason under investigation.
Beed(220kv) -Telgaon	IntraState	13/04/2015	18.02	13/04/2015	22.56	T	Bus Bar Prot Optd,Reason under investigation.
Beed (220kv) - Georai	IntraState	13/04/2015	18.02	13/04/2015	22.59	T	Bus Bar Prot Optd,Reason under investigation.
Bhugaon - Deoli	IntraState	13/04/2015	18.40	13/04/2015	19.40	T	Distance Protection
Pusad-Gunj	IntraState	13/04/2015	22.15	13/04/2015	22.32	T	Distance Protection

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