

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Apr/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.980	1483.739	1) Gujrat	-1.765	-1.612
2) Hydro	14.861	258.497	2) Madhya Pradesh	17.068	201.598
3) Gas	3.430	55.997	3) Chattisgarh	3.980	64.970
Total MSPGCL	138.271	1798.233	4) Maharashtra Net	85.117	1048.204
B) 1) APLM	40.900	547.050	5) Goa	-6.706	-83.060
2) JSWEL	19.006	263.638	6) TAPS 1&2 Injection	3.537	43.430
3) VIPL	9.168	136.020	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.290	90.529	8) Pench (MS)	0.032	0.643
5) WPCL	2.483	32.235	9) Pench (Excess)	-0.032	-0.643
6) Other IPP	7.677	101.590	Total	101.199	1272.887
C) 1) TPCL Thermal	13.944	217.674	a) Mumbai Schedule	16.132	259.710
2) TPCL Hydro	2.046	42.234	b) Mumbai Drawl	23.482	273.132
3) TPCL Gas	2.159	28.706	c) MSEDCL Bilateral *	18.362	264.771
4) R-INFRA Thermal	9.100	139.094	Include PX	-0.319	-24.245
D) STATE			d) Mumbai Bilateral *	16.132	259.710
1) Thermal	226.548	3011.569	Include PX	0.264	2.488
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	16.907	300.731	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	5.589	84.703	1) MSEDCL	306.245	4117.285
4) Wind	5.872	132.806	2) Mumbai Discoms	50.677	700.785
6) SOLAR	0.861	14.786	TOTAL STATE	356.922	4818.070
TOTAL STATE	255.777	3544.595			

* 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	5243	5196	4742	5159
MSPGCL Hydro	1492	1402	861	135
MSPGCL Gas	138	137	140	144
MSPGCL Total Generation	6873	6735	5743	5438
Central Sector Receipt	4642	4258	4276	3665
WIND	55	207	396	219
CPP / IPP	3454	3509	3414	3453
SOLAR	121	74	0	0
Exchange with Mumbai	-1019	-985	-928	-897
MSEDCL DEMAND MET	14126	13798	12901	11878
Load Shedding	41	41	35	39
MSEDCL DEMAND	14167	13839	12936	11917
TPCL GENERATION	811	850	962	612
R-INFRA GENERATION	379	380	379	381
MUMBAI DEMAND	2209	2215	2269	1890
STATE DEMAND MET	16335	16013	15170	13768
STATE DEMAND	16376	16054	15205	13807
Frequency (Hz)	49.99	50.01	49.90	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 16.04 Hrs	49.71 Hz at 00.05 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 12/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.72	28.88	170	140
Unit 6	0.00	0.00	0	0
Unit 7	4.06	47.73	178	160
Total	7.78	76.60		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.05	48.36	170	165
Unit 4	9.10	116.44	390	365
Unit 5	8.00	117.02	385	280
Total	21.15	281.82		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.14	24.02	140	118
Unit 5	3.58	40.78	155	143
Unit 6	4.70	56.91	208	190
Unit 7	4.21	55.19	216	0
Total	15.63	176.89		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.14	38.66	137	127
Unit 3	4.10	54.24	177	166
Unit 4	4.05	48.31	172	158
Unit 5	5.54	114.15	390	0
Unit 6	8.94	113.60	378	370
Unit 7	9.10	110.86	390	368
Total	34.87	479.82		
Paras				
Unit 3	4.53	58.20	202	162
Unit 4	4.57	26.20	203	172
Total	9.10	84.40		
Khaparkheda				
Unit 1	4.12	50.18	185	150
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.58	32.48	194	184
Unit 5	9.54	133.65	414	385
Total	18.24	228.13		
Nasik				
Unit 3	4.50	55.20	197	180
Unit 4	4.38	54.01	191	177
Unit 5	4.32	46.86	187	165
Total	13.20	156.07		
Uran				
All Units	3.43	56.00	154	136
Total	3.43	56.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.64	32	0
Total	0.03	0.64		
Koyna				
Stage 1-2	4.90	66.48	480	40
Stage 4	2.93	95.40	485	0
Stage 3	1.38	35.13	160	0
Total	9.20	197.00		
Hydro				
KDPH	0.44	7.52	19	18
VTRNA	1.06	13.17	61	0
TILLARI	0.38	4.41	64	0
BHTGR/VEER	0.05	0.68	3	2
BHIRA T.R.	0.16	2.24	80	0
RNGR+BHTSA	0.26	2.87	11	10
BHANDARDRA	0.48	5.88	21	20
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.84	11.64	35	34
GHATGHAR	1.99	12.36	250	0
Total	5.66	61.50		
Wind				
Total	5.87	132.81	0	0
Total	5.87	132.81		
CPP				
APML(Mus)	40.90	547.05	0	0
JSWEL(Mus)	19.01	263.64	0	0
VIPL(Mus)	9.17	136.02	0	0
RPLAMT(Mus)	4.29	90.53	0	0
WPCL(Mus)	2.48	32.24	0	0
Other(Mus)	7.68	101.59	0	0
Total	83.52	1171.06		
SOLAR				
Total	0.86	14.79	0	0
Total	0.86	14.79		
Tata				
Trombay 5	8.47	128.55	401	322
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.20	15.98	50	49
Trombay 7B	0.96	12.72	41	39
Trombay 8	5.48	69.20	250	201
TATA Hydro	2.05	42.23	252	0
Total	18.15	288.61		
R-INFRA				
1-2	9.10	139.09	381	378
Total	9.10	139.09		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.98	1483.74
MSPGCL Thml+Gas	123.41	1539.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.86	258.50
MSPGCL Total	138.27	1798.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.82	161.87
State Total	255.78	3544.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5011	693	154	5858	387	3441	0	3995	3954	-1219	12421	74	12495	2272	14767	49.91
2	5039	287	154	5480	327	3448	0	4021	4344	-1122	12477	39	12516	2122	14638	49.96
3	5118	126	154	5398	271	3472	0	3968	3946	-990	12097	39	12136	1983	14119	49.92
4	5159	135	144	5438	219	3453	0	3843	3665	-897	11878	39	11917	1890	13807	49.98
5	5198	131	146	5475	165	3447	0	3843	3773	-862	11998	41	12039	1856	13895	49.97
6	5221	151	145	5517	132	3444	0	4034	4198	-885	12406	41	12447	1878	14325	49.96
7	5247	233	146	5626	95	3470	0	4535	4503	-861	12833	41	12874	1854	14728	50.05
8	5217	317	145	5679	91	3464	30	4488	4791	-854	13201	41	13242	1851	15093	50.00
9	5219	512	141	5872	34	3473	60	4422	4746	-882	13303	41	13344	1933	15277	49.98
10	5259	997	140	6396	38	3504	111	4318	4863	-956	13956	41	13997	2082	16079	50.05
11	5244	1370	138	6752	26	3482	128	4293	4398	-1006	13780	41	13821	2161	15982	49.99
12	5243	1492	138	6873	55	3454	121	4399	4642	-1019	14126	41	14167	2209	16376	49.99
13	5196	1402	137	6735	207	3509	74	4462	4258	-985	13798	41	13839	2215	16054	50.01
14	5142	645	136	5923	327	3545	68	4461	4474	-937	13400	41	13441	2164	15605	49.98
15	4957	1280	136	6373	132	3536	66	4460	4226	-917	13416	35	13451	2155	15606	50.02
16	4740	1102	138	5980	235	3513	111	4516	4429	-898	13370	35	13405	2158	15563	50.06
17	4691	584	138	5413	363	3516	57	4339	3931	-875	12405	35	12440	2127	14567	50.04
18	4705	309	140	5154	458	3434	33	3642	3280	-858	11501	35	11536	2087	13623	50.05
19	4720	272	142	5134	447	3468	2	3337	3339	-871	11519	35	11554	2104	13658	49.98
20	4742	861	140	5743	396	3414	0	4224	4276	-928	12901	35	12936	2269	15205	49.90
21	4721	803	144	5668	365	3458	0	4292	4292	-1080	12703	35	12738	2390	15128	49.95
22	4720	295	144	5159	463	3522	0	4295	4033	-1073	12104	35	12139	2288	14427	49.95
23	4733	297	144	5174	399	3545	0	4220	4490	-1229	12379	35	12414	2362	14776	49.95
24	4738	567	146	5451	240	3512	0	4217	4348	-1278	12273	35	12308	2321	14629	50.00
MUs	119.98	14.86	3.43	138.27	5.87	83.52	0.86	100.62	101.20	-23.48	306.24	0.95	307.20	50.73	357.93	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 12/Apr/2015

Position as on 6.30 Hrs of 13/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		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	
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.	
MSPGCL	Koyna Unit 7	80	10/04/2015	10.20		Continued.	Defector servomotor Replacement Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Apr/2015

Position as on 6.30 Hrs of 13/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	11/04/2015	16.25	12/04/2015	02.25	Auxiliary supply failure	
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		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 13/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(Rattaniindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Kolhapur Mapusa I	InterState	11/04/2015	16.28		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/04/2015	18.17		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	InterState	11/04/2015	19.35		Continued.	T	Distance Protection
Kolhapur Solapur(PG) I	InterState	12/04/2015	18.21		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
Chandrapur - Khaperkheda	IntraState	10/04/2015	09.18	12/04/2015	15.16	PO	Strining of Conductor Between 765kv Raipur-Wardha 2 line (2 days).
karad -kolhapur-II	IntraState	11/04/2015	17.14	12/04/2015	08.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/04/2015	17.36	12/04/2015	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/04/2015	17.57	12/04/2015	09.33	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/04/2015	03.00	12/04/2015	07.23	HT	Over Voltage
Akola-Indiabulls	IntraState	12/04/2015	1352	12/04/2015	14.35	T	Distance Protection
karad -kolhapur-II	IntraState	12/04/2015	16.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/04/2015	16.33		Continued.	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
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	Panel 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.
Bableshevar - Bhenda	IntraState	11/04/2015	15.05	12/04/2015	18.43	T	220kv A Bus LBB Operated.
Babhaleshwar - Degaon Rangari	IntraState	11/04/2015	15.05		Continued.	T	R-Ph Fault , Pole Stuck up . Cause of LBB Operated.
Kharghar Trombay	IntraState	12/04/2015	12.49	12/04/2015	20.01	PO	Conductor Repl.work.
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 Vijay Elect Ict 2 @Kalmeshwar	IntraState	12/04/2015	07.50	12/04/2015	08.50	T	132KV Bus Bar Prot.Optd.
132 KV LINE Outages/Trippings							
Kalmeshwar-Saoner 2	IntraState	12/04/2015	07.50	12/04/2015	08.47	T	132KV Bus Bar Prot.Optd.
Kalmeshwar-Katol	IntraState	12/04/2015	07.50	12/04/2015	08.40	T	132KV Bus Bar Prot.Optd.

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