

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Apr/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.849	1236.692	1) Gujrat	-2.314	0.054
2) Hydro	21.181	229.170	2) Madhya Pradesh	12.134	170.451
3) Gas	3.438	49.104	3) Chattisgarh	5.210	57.870
Total MSPGCL	157.468	1514.966	4) Maharashtra Net	93.452	869.602
B) 1) APML	40.790	463.400	5) Goa	-7.739	-68.538
2) JSWEL	24.106	224.783	6) TAPS 1&2 Injection	3.718	36.350
3) VIPL	12.739	115.000	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.850	80.859	8) Pench (MS)	0.062	0.611
5) WPCL	2.748	27.240	9) Pench (Excess)	-0.062	-0.611
6) Other IPP	8.280	86.316	Total	104.399	1065.178
C) 1) TPCL Thermal	17.544	187.294	a) Mumbai Schedule	25.253	222.405
2) TPCL Hydro	4.867	35.302	b) Mumbai Drawl	24.998	225.876
3) TPCL Gas	2.160	24.390	c) MSEDCL Bilateral *	22.800	224.059
4) R-INFRA Thermal	12.429	118.563	Include PX	-0.610	-23.501
D) STATE			d) Mumbai Bilateral *	25.253	222.405
1) Thermal	257.335	2540.147	Include PX	0.156	2.207
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	26.048	264.472	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	5.598	73.494	1) MSEDCL	340.443	3484.700
4) Wind	7.920	119.137	2) Mumbai Discoms	61.996	591.426
6) SOLAR	1.141	13.086	TOTAL STATE	402.439	4076.126
TOTAL STATE	298.042	3010.336			

* 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 5 Hrs
MSPGCL Thermal	5743	5598	5144	5378
MSPGCL Hydro	1866	1780	1104	130
MSPGCL Gas	137	138	144	144
MSPGCL Total Generation	7746	7516	6392	5652
Central Sector Receipt	4730	4983	3975	4121
WIND	80	82	454	483
CPP / IPP	3992	4015	3954	3743
SOLAR	173	168	0	0
Exchange with Mumbai	-1458	-1315	-1226	-507
MSEDCL DEMAND MET	15263	15449	13549	13492
Load Shedding	47	47	38	46
MSEDCL DEMAND	15310	15496	13587	13538
TPCL GENERATION	1150	1286	1136	831
R-INFRA GENERATION	516	519	519	520
MUMBAI DEMAND	3149	3124	2881	1858
STATE DEMAND MET	18412	18573	16430	15350
STATE DEMAND	18459	18620	16468	15396
Frequency (Hz)	49.91	49.93	49.92	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.02 Hrs	49.59 Hz at 22.10 Hrs	49.92	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 10/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.64	21.69	165	103
Unit 6	0.00	0.00	0	0
Unit 7	3.95	40.12	175	145
Total	7.58	61.81		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.32	40.44	190	160
Unit 4	11.51	96.52	510	385
Unit 5	9.08	99.06	500	250
Total	24.90	236.02		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.13	17.95	147	103
Unit 5	3.52	33.61	155	137
Unit 6	4.85	47.36	250	188
Unit 7	4.74	47.64	250	180
Total	16.24	146.56		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.11	32.34	134	124
Unit 3	4.66	45.53	208	141
Unit 4	3.49	42.64	191	0
Unit 5	10.06	98.93	441	398
Unit 6	9.83	95.16	425	390
Unit 7	9.48	92.75	437	312
Total	40.63	407.35		
Paras				
Unit 3	3.99	49.08	224	0
Unit 4	5.37	16.65	244	214
Total	9.35	65.73		
Khaparkheda				
Unit 1	4.28	41.91	190	160
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.59	23.27	197	182
Unit 5	11.55	112.90	500	434
Total	20.42	189.90		
Nasik				
Unit 3	4.66	46.08	205	185
Unit 4	4.59	45.18	199	180
Unit 5	4.46	38.05	194	173
Total	13.71	129.32		
Uran				
All Units	3.44	49.10	148	137
Total	3.44	49.10		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	0.61	25	0
Total	0.06	0.61		
Koyna				
Stage 1-2	5.95	58.97	465	45
Stage 4	7.38	87.27	792	0
Stage 3	2.61	31.83	240	0
Total	15.94	178.07		
Hydro				
KDPH	0.44	6.64	19	18
VTRNA	0.98	11.04	61	0
TILLARI	0.38	3.66	64	0
BHTGR/VEER	0.05	0.58	3	2
BHIRA T.R.	0.32	1.80	80	0
RNGR+BHTSA	0.29	2.32	13	12
BHANDARDRA	0.46	4.94	45	10
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.03	9.82	44	43
GHATGHAR	1.28	9.57	250	0
Total	5.24	51.10		
Wind				
Total	7.92	119.14	0	0
Total	7.92	119.14		
CPP				
APML(Mus)	40.79	463.40	0	0
JSWEL(Mus)	24.11	224.78	0	0
VIPL(Mus)	12.74	115.00	0	0
RPLAMT(Mus)	5.85	80.86	0	0
WPCL(Mus)	2.75	27.24	0	0
Other(Mus)	8.28	86.32	0	0
Total	94.51	997.60		
SOLAR				
Total	1.14	13.09	0	0
Total	1.14	13.09		
Tata				
Trombay 5	11.57	109.38	493	448
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.19	13.59	50	49
Trombay 7B	0.97	10.80	41	39
Trombay 8	5.97	57.98	251	243
TATA Hydro	4.87	35.30	471	0
Total	24.57	246.99		
R-INFRA				
1-2	12.43	118.56	520	515
Total	12.43	118.56		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	132.85	1236.69
MSPGCL Thml+Gas	136.29	1285.80

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	21.18	229.17
MSPGCL Total	157.47	1514.97

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.33	146.24
State Total	298.04	3010.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5466	980	146	6592	286	3930	0	4400	4280	-950	14138	60	14198	2282	16480	49.90
2	5722	414	146	6282	380	3811	0	4361	4494	-791	14176	46	14222	2098	16320	49.90
3	5727	130	146	6003	411	3879	0	4332	4131	-643	13781	46	13827	1965	15792	49.88
4	5695	130	145	5970	425	3918	0	4337	3771	-537	13547	46	13593	1881	15474	49.88
5	5378	130	144	5652	483	3743	0	4263	4121	-507	13492	46	13538	1858	15396	49.86
6	5394	447	144	5985	451	3731	0	4250	4180	-551	13796	47	13843	1929	15772	49.78
7	5756	722	147	6625	327	3866	7	4379	4457	-634	14648	47	14695	2004	16699	49.93
8	5780	815	148	6743	127	3933	27	4504	4463	-755	14538	47	14585	2118	16703	50.04
9	5836	812	147	6795	121	3952	67	4822	4774	-962	14747	47	14794	2446	17240	49.95
10	5740	1005	142	6887	159	3994	120	4958	5032	-1154	15038	47	15085	2811	17896	49.87
11	5761	1703	142	7606	121	3919	152	4841	4821	-1349	15270	47	15317	3079	18396	49.90
12	5743	1866	137	7746	80	3992	173	4903	4730	-1458	15263	47	15310	3149	18459	49.91
13	5598	1780	138	7516	82	4015	168	4739	4983	-1315	15449	47	15496	3124	18620	49.93
14	5632	1872	140	7644	171	3957	164	4451	4399	-1280	15055	38	15093	2999	18092	49.98
15	5663	1828	142	7633	366	3975	130	4435	4549	-1281	15372	34	15406	3059	18465	49.90
16	5588	1376	140	7104	542	3998	83	4956	4813	-1362	15178	36	15214	3085	18299	50.00
17	5365	1069	140	6574	426	4014	35	4588	4701	-1324	14426	44	14470	3081	17551	49.96
18	5344	278	140	5762	369	3850	15	4203	4000	-1333	12663	36	12699	2989	15688	50.01
19	5336	364	140	5840	432	3992	0	3786	3842	-1307	12799	34	12833	2865	15698	49.97
20	5144	1104	144	6392	454	3954	0	4316	3975	-1226	13549	38	13587	2881	16468	49.92
21	5208	791	142	6141	523	4111	0	4201	3678	-1069	13384	38	13422	2685	16107	49.95
22	5296	329	142	5767	430	4038	0	4152	4249	-1153	13331	38	13369	2642	16011	49.85
23	5382	411	148	5941	373	4019	0	3986	3954	-1046	13241	38	13279	2541	15820	49.85
24	5295	825	148	6268	381	3922	0	3914	4005	-1011	13565	38	13603	2489	16092	49.87
MUs	132.85	21.18	3.44	157.47	7.92	94.51	1.14	106.08	104.40	-25.00	340.45	1.03	341.48	62.06	403.54	49.92

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 10/Apr/2015

Position as on 6.30 Hrs of 11/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-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	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.	
MSPGCL	Koyana 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Apr/2015

Position as on 6.30 Hrs of 11/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
MSPGCL	Paras Unit 3	250	10/04/2015	15.47	10/04/2015	21.02	Furnace Pressure High	
MSPGCL	Chandrapur Unit 4	210	10/04/2015	18.37		Continued.	Station Board Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 11/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
Dabhol Nagothane I	InterState	10/04/2015	04.28	10/04/2015	12.07	T	Distance Protection
Chandrapur-II - Warora - I	InterState	10/04/2015	11.16	10/04/2015	13.27	PO	For Attending Hot Spot at R Phase TIE CT of Both Lines.
Kolhapur Mapusa I	InterState	10/04/2015	17.55		Continued.	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	10/04/2015	22.18	10/04/2015	23.29	T	Distance Protection
Dhule Sar'Sarovar II	InterState	10/04/2015	22.19		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
karad -kolhapur-II	IntraState	09/04/2015	16.37	10/04/2015	08.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/04/2015	18.05	10/04/2015	07.55	HT	Over Voltage
Chandrapur-Parali III	IntraState	09/04/2015	23.19	10/04/2015	01.10	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	10/04/2015	09.18		Continued.	PO	Strining of Conductor Between 765kv Raipur-Wardha 2 line (2 days).
Bhusawal-Aurangabad	IntraState	10/04/2015	10.25	10/04/2015	13.35	PO	PID Work.
Warora-Adani(Tiroda)1	IntraState	10/04/2015	11.16	10/04/2015	13.27	PO	Foe Attending Hot Spot at R Phase TIE CT of Both lines.
karad -kolhapur-I	IntraState	10/04/2015	16.34		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/04/2015	17.02		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/04/2015	17.44		Continued.	HT	Over Voltage
Chandrapur-Parali 2	IntraState	10/04/2015	19.34	10/04/2015	21.13	PO	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	10/04/2015	09.28	10/04/2015	14.27	PO	Attending Hot Spot on R Phase HV Bushing Clamp.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	10/04/2015	21.21		Continued.	PO	NDR.
400/220 Kv 500 Mva Ict 2 @Lamboti	IntraState	11/04/2015	01.25	11/04/2015	04.45	PO	NDR.
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	09/04/2015	10.23	10/04/2015	21.29	PO	Relay Pannel Repl. Work.
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
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.
Bableshwar- Alephata	IntraState	10/04/2015	06.25	10/04/2015	17.41	HT	Due to ICT O/L.
Bableshwar- Ranjangaon	IntraState	10/04/2015	08.07	10/04/2015	17.33	HT	Due to BBSLR ICT O/L.
Hinjawadi I- Chinchwad	IntraState	10/04/2015	08.32	10/04/2015	17.45	HT	Due to BBSLR ICT O/L.

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 10/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 11/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chinchwad- Parvati	IntraState	10/04/2015	09.24	10/04/2015	17.22	HT	Pass Breaker Opened At Parvati End.
Boisar li - Pgcil 2	IntraState	10/04/2015	10.12	10/04/2015	14.39	PO	Attending Hot Spot
Padghe - Kamba	IntraState	10/04/2015	10.41	10/04/2015	17.40	PO	To attend Hot Spot
Ghatghar - Bapgaon	IntraState	10/04/2015	10.47	10/04/2015	17.20	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	10/04/2015	11.25	10/04/2015	19.00	PO	Replacement of Control Cables.
Chalisgaon -Babhaleshwar	IntraState	10/04/2015	14.44	10/04/2015	17.24	PO	For Tapping the Line At Kopergaon.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 100 Mva Imp lct 2 @Vasai-li	IntraState	10/04/2015	11.55	10/04/2015	18.09	PO	Replacement Of Relay of CT-2.
220/22-22 Kv 100 Mva Aval Ptr 3 @Wada	IntraState	10/04/2015	13.45	10/04/2015	16.13	PO	Replacement of WTI, OTI.
220/132 Kv 200 Mva Cgl lct 1 @Boisar-li	IntraState	10/04/2015	14.59	10/04/2015	18.05	PO	CTR Replacement.

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