

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jul/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.370	398.289	1) Gujrat	3.797	16.998
2) Hydro	8.295	33.746	2) Madhya Pradesh	14.358	54.882
3) Gas	6.475	25.900	3) Chattisgarh	5.740	23.220
Total MSPGCL	111.140	457.935	4) Maharashtra Net	96.331	358.031
B) 1) APML	51.730	224.660	5) Goa	-7.130	-27.578
2) JSWEL	16.760	73.249	6) TAPS 1&2 Injection	2.899	11.476
3) VIPL	12.537	48.684	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	14.890	62.760	8) Pench (MS)	0.197	0.659
5) WPCL	3.572	15.343	9) Pench (Excess)	-0.197	-0.531
6) Other IPP	4.447	16.431	Total	115.798	436.498
C) 1) TPCL Thermal	16.661	64.998	a) Mumbai Schedule	26.850	108.043
2) TPCL Hydro	3.369	17.088	b) Mumbai Drawl	26.724	111.214
3) TPCL Gas	2.509	10.632	c) MSEDCL Bilateral *	30.353	115.646
4) R-INFRA Thermal	12.350	48.735	Include PX	6.465	14.523
D) STATE			d) Mumbai Bilateral *	26.850	108.043
1) Thermal	229.317	953.149	Include PX	2.504	10.139
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.664	50.834	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	8.984	36.532	1) MSEDCL	344.896	1360.450
4) Wind	39.405	130.588	2) Mumbai Discoms	61.615	252.665
6) SOLAR	1.341	4.985	TOTAL STATE	406.511	1613.115
TOTAL STATE	290.711	1176.088			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3881	3813	4186	4020
MSPGCL Hydro	568	510	249	60
MSPGCL Gas	277	277	269	270
MSPGCL Total Generation	4726	4600	4704	4350
Central Sector Receipt	5841	5714	4845	4036
WIND	1603	1516	1579	1697
CPP / IPP	4304	4574	4134	4514
SOLAR	131	173	0	0
Exchange with Mumbai	-1409	-1343	-1140	-867
MSEDCL DEMAND MET	15196	15234	14122	13730
Load Shedding	43	41	33	41
MSEDCL DEMAND	15239	15275	14155	13771
TPCL GENERATION	1056	1146	1069	612
R-INFRA GENERATION	512	516	516	516
MUMBAI DEMAND	2977	3005	2725	1995
STATE DEMAND MET	18173	18239	16847	15725
STATE DEMAND	18216	18280	16880	15766
Frequency (Hz)	49.98	49.93	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 05.04 Hrs	49.72 Hz at 13.38 Hrs	49.96	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 04/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.88	1.19	130	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	3.27	0	0
Total	0.88	4.46		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	16.32	175	160
Unit 4	11.51	35.52	500	425
Unit 5	0.00	23.36	0	0
Total	15.55	75.20		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.58	14.34	160	143
Unit 6	0.00	0.00	0	0
Unit 7	4.70	19.53	234	155
Total	8.29	33.88		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.46	13.73	152	138
Unit 3	4.32	16.86	200	131
Unit 4	4.34	16.59	188	162
Unit 5	9.54	36.85	410	365
Unit 6	0.00	0.00	0	0
Unit 7	8.77	32.97	390	320
Total	30.43	117.00		
Paras				
Unit 3	5.02	21.73	226	188
Unit 4	5.12	21.11	227	201
Total	10.14	42.84		
Khaparkheda				
Unit 1	3.78	15.48	180	135
Unit 2	3.73	15.20	175	120
Unit 3	3.75	15.45	170	137
Unit 4	0.00	0.00	0	0
Unit 5	10.58	41.88	480	390
Total	21.84	88.01		
Nasik				
Unit 3	4.68	18.70	200	185
Unit 4	4.57	18.21	198	178
Unit 5	0.00	0.00	0	0
Total	9.25	36.91		
Uran				
All Units	6.48	25.90	277	262
Total	6.48	25.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.20	0.66	49	0
Total	0.20	0.66		
Koyna				
Stage 1-2	3.72	15.04	410	40
Stage 4	1.58	9.11	500	0
Stage 3	1.71	5.72	160	0
Total	7.02	29.87		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.18	40	0
RNGR+BHTSA	0.13	0.38	10	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.28	9	0
GHATGHAR	0.89	2.03	250	0
Total	1.28	3.87		
Wind				
Total	39.40	130.59	0	0
Total	39.40	130.59		
CPP				
APML(Mus)	51.73	224.66	0	0
JSWEL(Mus)	16.76	73.25	0	0
VIPL(Mus)	12.54	48.68	0	0
RPLAMT(Mus)	14.89	62.76	0	0
WPCL(Mus)	3.57	15.34	0	0
Other(Mus)	4.45	16.43	0	0
Total	103.94	441.13		
SOLAR				
Total	1.34	4.98	0	0
Total	1.34	4.98		
Tata				
Trombay 5	11.01	42.40	495	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	6.01	90	53
Trombay 7B	1.09	4.62	58	43
Trombay 8	5.65	22.60	249	198
TATA Hydro	3.37	17.09	340	0
Total	22.54	92.72		
R-INFRA				
1-2	12.35	48.74	518	493
Total	12.35	48.74		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.37	398.29
MSPGCL Thml+Gas	102.84	424.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.30	33.75
MSPGCL Total	111.14	457.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.31	24.15
State Total	290.71	1176.09

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Jul/2015

Annexure-2

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	4053	234	269	4556	1603	4500	0	4253	4313	-1002	13970	54	14024	2411	16435	49.95
2	4051	85	269	4405	1588	4453	0	4194	4085	-887	13644	41	13685	2236	15921	49.96
3	4050	50	270	4370	1642	4442	0	4188	4150	-834	13770	41	13811	2097	15908	49.94
4	4035	55	270	4360	1718	4500	0	4159	4098	-826	13850	41	13891	2025	15916	49.99
5	4020	60	270	4350	1697	4514	0	4170	4036	-867	13730	41	13771	1995	15766	49.98
6	4029	150	270	4449	1679	4601	1	4222	4523	-895	14358	42	14400	2047	16447	50.00
7	4004	532	270	4806	1652	4540	21	4401	4717	-748	14988	42	15030	2072	17102	50.02
8	3982	465	270	4717	1629	4614	48	4668	5055	-800	15263	42	15305	2151	17456	50.01
9	3943	230	270	4443	1970	4362	72	4979	5171	-983	15035	45	15080	2374	17454	50.00
10	3955	242	273	4470	1683	4451	104	5261	5526	-1283	14951	45	14996	2760	17756	49.98
11	3881	568	277	4726	1603	4304	131	5431	5841	-1409	15196	43	15239	2977	18216	49.98
12	3830	651	277	4758	1667	4401	140	5523	5488	-1395	15059	41	15100	3035	18135	49.93
13	3813	510	277	4600	1516	4574	173	5254	5714	-1343	15234	41	15275	3005	18280	49.93
14	3902	515	267	4684	1542	4582	166	5063	5455	-1301	15128	33	15161	2932	18093	49.94
15	3936	446	262	4644	1631	4518	124	5231	5573	-1259	15231	33	15264	2954	18218	49.91
16	4030	802	265	5097	1639	4101	261	5215	5403	-1271	15230	33	15263	2947	18210	49.94
17	4048	940	268	5256	1800	3978	64	4855	4833	-1249	14682	33	14715	2892	17607	49.98
18	4094	324	268	4686	1694	3934	29	4384	4464	-1258	13549	33	13582	2804	16386	50.01
19	4094	90	269	4453	1649	3977	6	4229	4188	-1390	12883	33	12916	2692	15608	49.99
20	4108	264	269	4641	1553	4164	1	4432	4649	-1285	13723	33	13756	2730	16486	49.92
21	4186	249	269	4704	1579	4134	0	4804	4845	-1140	14122	33	14155	2725	16880	49.96
22	4168	133	269	4570	1543	4164	0	4409	4507	-1186	13598	33	13631	2643	16274	49.96
23	4118	210	269	4597	1541	4201	0	4302	4527	-1050	13816	33	13849	2580	16429	49.88
24	4040	490	268	4798	1587	3927	0	4276	4637	-1063	13886	33	13919	2529	16448	49.94
MUs	96.37	8.30	6.48	111.14	39.40	103.94	1.34	111.90	115.80	-26.72	344.90	0.92	345.82	61.61	407.43	49.96

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 04/Jul/2015

Position as on 6.30 Hrs of 05/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27	05/07/2015	16.00	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		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	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 5	200	01/07/2015	02.25	04/07/2015	14:53	ID Fan Problem	
MSPGCL	Koradi Unit 7	210	01/07/2015	23.20	05/07/2015	00.58	BTL.	
MSPGCL	Bhusawal Unit 5	500	03/07/2015	11.04	05/07/2015	18.27	Boiler Tube Leakage	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Jul/2015

Position as on 6.30 Hrs of 05/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	WPCL U-3	135	04/07/2015	17:45		Continued.	Not schdule.	
MSPGCL	Koyna STG-IV Unit-2	250	04/07/2015	22.30	05/07/2015	07.00	Preventive Maintenance Work	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 05/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/06/2015	12.52	05/07/2015	16.35	T	Convertor transformer diff prot optd.Charged on No Load @ 23.48 Hrs dt 4.7.15.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	03/07/2015	16.45	04/07/2015	07:27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/07/2015	17.20	04/07/2015	07:00	HT	Over Voltage
Kolhapur Mapusa I	InterState	04/07/2015	16:44	05/07/2015	06.13	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/07/2015	17.42	05/07/2015	07.56	HT	Over Voltage
Dhule Khandwa II	InterState	04/07/2015	20:19	05/07/2015	15.29	T	Distance Protection Operated Z-II.
Kolhapur Mapusa II	InterState	05/07/2015	16.11		Continued.	HT	Over Voltage
Parli (Pg) Wardha (Pg) li	InterState	05/07/2015	16.52	05/07/2015	18.52	EO	Emergency outage
Dhule Sar'Sarovar II	InterState	05/07/2015	17.01		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/07/2015	18.43	05/07/2015	21.15	HT	Over Voltage
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BLSR ICT loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	25/06/2015	08.22	04/07/2015	21.22	PO	Premonsoon Maint.Work.
karad -kolhapur-I	IntraState	03/07/2015	16.39	04/07/2015	06.33	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/07/2015	17.04	04/07/2015	06:43	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/07/2015	18.11	04/07/2015	06.21	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	04/07/2015	07:25	04/07/2015	21:30	PO	A/R non auto for opgw work.
Dhule - Bableshtar - li	IntraState	04/07/2015	07:25	04/07/2015	21:30	PO	A/R non auto for opgw work.
Akola II - Akola I Ckt-I	IntraState	04/07/2015	15.49	04/07/2015	19.49	PO	Hot Spot on R Ph Protn CT,Rectification of 400KV LA Earthing Strips by APTCL.
karad -kolhapur-II	IntraState	04/07/2015	16:33	05/07/2015	07.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/07/2015	16:36	05/07/2015	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/07/2015	18.07	05/07/2015	07.03	HT	Over Voltage
Padghe - Kalwa- I	IntraState	05/07/2015	06.38	05/07/2015	15.25	PO	Insulator Replacement Work.
karad -kolhapur-I	IntraState	05/07/2015	16.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/07/2015	16.40		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/07/2015	18.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	26/06/2015	19.43	05/07/2015	04.25	T	Tripped due to Fire at LV side,Charged on No Load @ 04.25 Hrs dt 5.7.15.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	05/07/2015	13.31	05/07/2015	17.07	PO	For releasing Air
220 KV LINE Outages/Trippings							
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.
Bableshtar- Alephata	IntraState	02/07/2015	23:08	04/07/2015	17:21	HT	Bableshtar 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 04/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 05/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshtar- Ranjangaon	IntraState	04/07/2015	06:00	04/07/2015	17:21	HT	Bableshtar ict o/l.
Babhaleshtar-Nagar-I	IntraState	04/07/2015	10:00	04/07/2015	15:24	PO	Jumper tighttning work.
Shivajinagar - Malegaon	IntraState	04/07/2015	11.54	05/07/2015	12.28	T	Distance Protection
Mahad - Pedambe	IntraState	04/07/2015	11:15	04/07/2015	13:42	EO	To attend Hot Spot
Bableshtar- Alephata	IntraState	04/07/2015	23.39	05/07/2015	05.08	HT	ICT Over Loading @ Babaleshtar
Talandge-Mudshingi Ckt-I	IntraState	05/07/2015	00.16	05/07/2015	00.43	T	Distance Protection
Boisar Versova Line	IntraState	05/07/2015	08.08		Continued.	PO	Making LILO for 220KV Viraj S/S
Trombay Salsette 1 Backbay	IntraState	05/07/2015	08.15	05/07/2015	13.46	PO	Line Maintenance work
Dahanu Boisar Line	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S
Chakan (400kv)-Bridgestone	IntraState	05/07/2015	10.02	05/07/2015	12.03	PO	Y Phase CT Oil Leakage
Salsette Borivli 2	IntraState	05/07/2015	14.38	05/07/2015	16.07	PO	Line Maintenance work
Dahanu Versova	IntraState	05/07/2015	16.39	05/07/2015	16.40	PO	Temporily arrangement for LILO work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/33kv 125 Mva Transformer 5 @Aarey R/S	IntraState	04/07/2015	14:48	04/07/2015	16:02	PO	To work on 33kv bus of the transformer.
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	05/07/2015	18.35		Continued.	T	Differential protection

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