

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Sep/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	106.019	579.269	1) Gujrat	6.273	25.978
2) Hydro	4.172	77.726	2) Madhya Pradesh	11.156	80.856
3) Gas	6.382	38.052	3) Chattisgarh	5.010	31.130
Total MSPGCL	116.573	695.047	4) Maharashtra Net	99.902	633.417
B) 1) APML	57.980	340.210	5) Goa	-7.301	-44.261
2) JSWEL	26.679	163.535	6) TAPS 1&2 Injection	4.580	21.215
3) VIPL	9.921	73.095	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	21.460	120.183	8) Pench (MS)	0.690	5.582
5) WPCL	3.455	22.679	9) Pench (Excess)	-0.690	-5.582
6) Other IPP	2.011	12.918	Total	118.930	742.753
C) 1) TPCL Thermal	16.013	102.858	a) Mumbai Schedule	17.962	145.791
2) TPCL Hydro	0.097	14.037	b) Mumbai Drawl	18.806	143.739
3) TPCL Gas	3.447	15.189	c) MSEDCL Bilateral *	36.827	216.795
4) R-INFRA Thermal	11.960	72.912	Include PX	9.927	41.362
D) STATE			d) Mumbai Bilateral *	17.962	144.841
1) Thermal	255.498	1487.659	Include PX	0.586	9.727
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.950
2) Hydro (A2+C2)	4.269	91.763	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.829	53.241	1) MSEDCL	347.298	2093.358
4) Wind	8.014	60.093	2) Mumbai Discoms	50.322	348.720
6) SOLAR	1.081	6.584	TOTAL STATE	397.620	2442.078
TOTAL STATE	278.691	1699.340			

* 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	4555	4603	4417	4350
MSPGCL Hydro	337	206	307	102
MSPGCL Gas	260	257	263	271
MSPGCL Total Generation	5152	5066	4987	4723
Central Sector Receipt	5825	5740	4619	4165
WIND	183	183	304	353
CPP / IPP	5284	5228	5034	5228
SOLAR	159	153	0	0
Exchange with Mumbai	-737	-753	-1007	-588
MSEDCL DEMAND MET	15866	15617	13937	13881
Load Shedding	25	25	27	23
MSEDCL DEMAND	15891	15642	13964	13904
TPCL GENERATION	913	913	781	723
R-INFRA GENERATION	517	518	508	519
MUMBAI DEMAND	2167	2184	2296	1830
STATE DEMAND MET	18033	17801	16233	15711
STATE DEMAND	18058	17826	16260	15734
Frequency (Hz)	49.86	49.84	49.94	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 17:04 Hrs	49.65 Hz at 01:04 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 06/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.46	19.62	155	120
Unit 6	0.00	0.00	0	0
Unit 7	3.91	23.14	170	150
Total	7.37	42.77		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.08	24.35	175	165
Unit 4	10.04	63.24	475	375
Unit 5	8.96	20.62	410	310
Total	23.08	108.20		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.40	17.82	152	115
Unit 3	3.15	16.23	179	10
Unit 4	0.00	0.00	0	0
Unit 5	9.28	55.41	400	375
Unit 6	9.57	56.49	430	380
Unit 7	8.74	49.23	395	308
Total	34.14	195.17		
Paras				
Unit 3	5.17	28.62	230	201
Unit 4	5.84	31.54	257	209
Total	11.01	60.16		
Khaparkheda				
Unit 1	0.00	9.01	0	0
Unit 2	3.49	19.36	160	90
Unit 3	3.16	18.87	185	0
Unit 4	3.31	19.19	146	134
Unit 5	7.26	44.57	343	260
Total	17.22	111.01		
Nasik				
Unit 3	4.46	26.83	190	180
Unit 4	4.24	12.56	190	170
Unit 5	4.51	22.56	196	182
Total	13.20	61.96		
Uran				
All Units	6.38	38.05	279	253
Total	6.38	38.05		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.69	5.58	50	3
Total	0.69	5.58		
Koyna				
Stage 1-2	1.74	26.04	235	40
Stage 4	0.00	26.16	0	0
Stage 3	0.46	11.77	80	0
Total	2.20	63.98		
Hydro				
KDPH	0.45	3.05	19	18
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.	0.24	1.36	43	0
RNGR+BHTSA	0.31	0.31	15	0
BHANDARDRA	0.51	3.06	41	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	1.43	14	4
GHATGHAR	0.28	4.53	120	0
Total	1.97	13.75		
Wind				
Total	8.01	60.09	0	0
Total	8.01	60.09		
CPP				
APML(Mus)	57.98	340.21	0	0
JSWEL(Mus)	26.68	163.54	0	0
VIPL(Mus)	9.92	73.10	0	0
RPLAMT(Mus)	21.46	120.18	0	0
WPCL(Mus)	3.46	22.68	0	0
Other(Mus)	2.01	12.92	0	0
Total	121.51	732.62		
SOLAR				
Total	1.08	6.58	0	0
Total	1.08	6.58		
Tata				
Trombay 5	10.34	67.71	495	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	14.08	114	77
Trombay 7B	1.11	1.11	65	0
Trombay 8	5.67	35.15	251	198
TATA Hydro	0.10	14.04	75	0
Total	19.56	132.08		
R-INFRA				
1-2	11.96	72.91	519	394
Total	11.96	72.91		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	106.02	579.27
MSPGCL Thml+Gas	112.40	617.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.17	77.73
MSPGCL Total	116.57	695.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.74	52.21
State Total	278.69	1699.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Sep/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	4336	156	277	4769	268	5520	0	4811	4873	-836	14594	37	14631	2169	16800	49.78
2	4329	112	278	4719	336	5492	0	4685	4633	-762	14418	23	14441	2093	16534	49.85
3	4357	92	279	4728	345	5467	0	4626	4464	-631	14373	23	14396	1964	16360	49.91
4	4320	92	279	4691	339	5299	0	4600	4379	-612	14096	23	14119	1870	15989	49.93
5	4350	102	271	4723	353	5228	0	4603	4165	-588	13881	23	13904	1830	15734	49.91
6	4383	97	270	4750	346	5118	0	4883	4718	-613	14319	25	14344	1876	16220	49.91
7	4350	129	273	4752	239	5035	1	5108	4908	-518	14417	25	14442	1868	16310	49.98
8	4427	163	274	4864	273	4937	30	5223	5334	-510	14928	25	14953	1911	16864	49.91
9	4503	199	269	4971	247	5160	78	5510	5809	-575	15690	25	15715	2008	17723	49.92
10	4434	269	262	4965	264	5034	108	5626	6005	-677	15699	25	15724	2109	17833	49.91
11	4470	377	261	5108	166	5121	145	5672	5691	-734	15497	25	15522	2165	17687	49.88
12	4555	337	260	5152	183	5284	159	5774	5825	-737	15866	25	15891	2167	18058	49.86
13	4603	206	257	5066	183	5228	153	5756	5740	-753	15617	25	15642	2184	17826	49.84
14	4644	138	255	5037	267	4953	134	5771	5601	-717	15275	27	15302	2146	17448	49.95
15	4587	143	253	4983	500	4935	112	5762	5383	-759	15154	25	15179	2116	17295	49.97
16	4490	110	259	4859	574	4894	98	5800	5447	-867	15005	25	15030	2086	17116	49.97
17	4376	98	259	4733	719	4648	42	5433	4824	-938	14028	25	14053	2055	16108	49.97
18	4391	98	259	4748	656	4640	21	4349	3994	-960	13099	25	13124	2037	15161	50.02
19	4345	129	259	4733	529	4724	0	4204	3935	-965	12956	25	12981	2059	15040	49.93
20	4417	307	263	4987	304	5034	0	4770	4619	-1007	13937	27	13964	2296	16260	49.94
21	4374	321	264	4959	313	5125	0	4904	4364	-953	13808	27	13835	2337	16172	49.97
22	4305	278	265	4848	215	4957	0	4837	4533	-1087	13466	27	13493	2332	15825	49.87
23	4308	92	266	4666	200	4900	0	4790	4926	-1061	13631	27	13658	2333	15991	49.97
24	4365	127	270	4762	195	4773	0	4880	4760	-946	13544	27	13571	2312	15883	49.95
MUs	106.02	4.17	6.38	116.57	8.01	121.51	1.08	122.38	118.93	-18.81	347.30	0.62	347.91	50.32	398.24	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 06/Sep/2015

Position as on 6.30 Hrs of 07/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 7B	60	17/07/2015	20.00	06/09/2015	05.54	Gas Path Inspection	
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	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	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	ESP problem	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Khaparkheda Unit 1	210	03/09/2015	22.26		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	04/09/2015	04.22	06/09/2015	00.19	Steam valve problem	
MSPGCL	Chandrapur Unit-8	500	05/09/2015	21.25	06/09/2015	02.27	steam temp.low	
MSPGCL	Chandrapur Unit-8	500	06/09/2015	04.57	06/09/2015	11.55	Furnace Pressure low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Sep/2015

Position as on 6.30 Hrs of 07/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
MSPGCL	Khaparkheda Unit 3	210	06/09/2015	18.41	06/09/2015	21.41	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	06/09/2015	22.14	07/09/2015	02.40	Main Steam Temp.Low	
MSPGCL	Chandrapur Unit-8	500	07/09/2015	03.48		Continued.	Main Steam Temp.Low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 07/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	05/09/2015	19.43	06/09/2015	07.23	HT	Over Voltage
Kolhapur Mapusa II	InterState	05/09/2015	21.04	06/09/2015	07.34	HT	Over Voltage
Dhule Khandwa II	InterState	06/09/2015	08.55	06/09/2015	17.07	EO	Replacement of Insulator String
Dhule Sar'Sarovar I	InterState	06/09/2015	10.56	06/09/2015	12.36	T	Distance Protection
Kolhapur Mapusa I	InterState	06/09/2015	16.01	07/09/2015	06.07	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/09/2015	17.54		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	04/09/2015	15.23		Continued.	HT	To control padgha-bblr 2 line overloading
karad -kolhapur-I	IntraState	05/09/2015	17.08	06/09/2015	06.45	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/09/2015	17.16	06/09/2015	06.52	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/09/2015	18.14	06/09/2015	07.53	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	06/09/2015	08.48	06/09/2015	19.58	PO	Line Maintenance work
Deepnagar - Aurangabad	IntraState	06/09/2015	09.05	06/09/2015	18.50	PO	Line Rectification work
karad -kolhapur-II	IntraState	06/09/2015	16.14	07/09/2015	06.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/09/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/09/2015	17.10		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	06/09/2015	13.55	06/09/2015	15.20	PO	DC Leakage
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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Trombay - Mulund	IntraState	06/09/2015	01.03	06/09/2015	04.57	EO	Attending Hot Spot
Kalwa - Mulund 2	IntraState	06/09/2015	05.27	06/09/2015	10.12	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-I	IntraState	06/09/2015	07.03	06/09/2015	07.36	T	Distance Protection
Gangakhed - Kandhar	IntraState	06/09/2015	12.36	06/09/2015	13.00	T	Distance Protection
Khadka - Malkapur	IntraState	06/09/2015	12.48	06/09/2015	12.57	T	Distance Protection
Kalmeshwar-Katol	IntraState	06/09/2015	12.48	06/09/2015	21.53	T	Distance Protection
Pusad-Umarkhed	IntraState	06/09/2015	19.23	06/09/2015	19.32	T	Distance Protection

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