

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	98.226	1791.030	1) Gujrat	-0.885	44.023
2) Hydro	3.321	150.844	2) Madhya Pradesh	-0.119	161.488
3) Gas	7.639	113.406	3) Chattisgarh	2.880	72.680
Total MSPGCL	109.186	2055.280	4) Maharashtra Net	71.332	1659.660
B) 1) APML	30.870	817.690	5) Goa	-4.701	-123.485
2) JSWEL	25.951	472.028	6) TAPS 1&2 Injection	3.504	63.703
3) VIPL	9.207	187.387	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.840	320.744	8) Pench (MS)	0.555	10.903
5) WPCL	2.589	66.840	9) Pench (Excess)	-0.555	-10.903
6) Other IPP	2.066	35.286	Total	71.456	1867.166
C) 1) TPCL Thermal	12.855	276.450	a) Mumbai Schedule	17.521	375.143
2) TPCL Hydro	0.220	33.122	b) Mumbai Drawl	25.566	439.099
3) TPCL Gas	4.312	57.400	c) MSEDCL Bilateral *	9.264	474.001
4) R-INFRA Thermal	10.065	198.018	Include PX	-14.727	6.604
D) STATE			d) Mumbai Bilateral *	17.521	374.108
1) Thermal	208.669	4165.473	Include PX	-0.215	16.581
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro	3.541	183.966	H) ENERGY CATERED (MUs)		
3) Gas	11.951	170.806	1) MSEDCL	271.204	5578.596
4) Wind	27.790	178.374	2) Mumbai Discoms	53.019	1004.083
6) SOLAR	0.815	16.900	TOTAL STATE	324.223	6582.679
TOTAL STATE	252.766	4715.519			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4051	4028	4171	4324
MSPGCL Hydro	67	204	438	165
MSPGCL Gas	267	262	363	366
MSPGCL Total Generation	4385	4494	4972	4855
Central Sector Receipt	4117	3001	2924	1789
WIND	998	937	1498	1228
CPP / IPP	3730	3236	3749	3805
SOLAR	35	148	0	0
Exchange with Mumbai	-962	-1084	-1325	-1283
MSEDCL DEMAND MET	12303	10732	11818	10394
Load Shedding	20	20	19	19
MSEDCL DEMAND	12323	10752	11837	10413
TPCL GENERATION	720	735	722	701
R-INFRA GENERATION	397	507	393	394
MUMBAI DEMAND	2079	2326	2440	2378
STATE DEMAND MET	14382	13058	14258	12772
STATE DEMAND	14402	13078	14277	12791
Frequency (Hz)	49.98	49.85	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 15:03 Hrs	49.67 Hz at 12:39 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 17/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	57.58	145	135
Unit 6	0.00	0.00	0	0
Unit 7	3.78	54.21	170	150
Total	7.22	111.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	69.45	175	160
Unit 4	9.80	178.48	445	395
Unit 5	9.86	127.36	480	385
Total	23.62	375.29		
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	1.82	52.59	135	5
Unit 3	3.86	62.68	203	128
Unit 4	0.00	0.00	0	0
Unit 5	7.32	155.43	360	230
Unit 6	0.75	150.26	252	100
Unit 7	6.53	142.49	320	234
Total	20.28	563.44		
Paras				
Unit 3	4.97	83.83	220	190
Unit 4	5.13	87.48	242	201
Total	10.09	171.31		
Khaparkheda				
Unit 1	3.18	41.11	170	110
Unit 2	3.50	58.98	175	105
Unit 3	4.30	62.02	187	171
Unit 4	3.71	61.16	169	138
Unit 5	8.97	136.74	480	359
Total	23.66	360.02		
Nasik				
Unit 3	4.45	76.16	190	180
Unit 4	4.43	60.85	192	172
Unit 5	4.47	72.18	198	183
Total	13.35	209.19		
Uran				
All Units	7.64	113.41	428	258
Total	7.64	113.41		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.56	10.90	48	0
Total	0.56	10.90		
Koyna				
Stage 1-2	1.60	52.28	225	40
Stage 4	0.00	37.76	0	0
Stage 3	0.55	22.12	114	0
Total	2.15	112.17		
Hydro				
KDPH	0.00	7.93	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.13	80	0
RNGR+BHTSA	0.19	1.19	8	7
BHANDARDRA	0.00	6.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	4.10	23	13
GHATGHAR	0.40	16.20	149	0
Total	1.17	38.68		
Wind				
Total	27.79	178.37	0	0
Total	27.79	178.37		
CPP				
APML(Mus)	30.87	817.69	0	0
JSWEL(Mus)	25.95	472.03	0	0
VIPL(Mus)	9.21	187.39	0	0
RPLAMT(Mus)	16.84	320.74	0	0
WPCL(Mus)	2.59	66.84	0	0
Other(Mus)	2.07	35.29	0	0
Total	87.52	1899.98		
SOLAR				
Total	0.82	16.90	0	0
Total	0.82	16.90		
Tata				
Trombay 5	7.77	179.48	368	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	41.35	115	111
Trombay 7B	1.58	16.05	66	65
Trombay 8	5.09	96.97	242	199
TATA Hydro	0.22	33.12	58	0
Total	17.39	366.97		
R-INFRA				
1-2	10.06	198.02	518	392
Total	10.06	198.02		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	98.23	1791.03
MSPGCL Thml+Gas	105.86	1904.44

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.32	150.84
MSPGCL Total	109.19	2055.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.60	90.04
State Total	252.77	4715.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4243	106	428	4777	893	3973	0	3358	3116	-1064	11695	29	11724	2363	14087	49.83
2	4148	61	426	4635	909	3971	0	3331	2852	-850	11517	20	11537	2151	13688	49.91
3	3999	67	426	4492	1021	3772	0	2725	3122	-901	11506	20	11526	2017	13543	49.89
4	3945	67	425	4437	1119	3813	0	2570	2896	-825	11440	20	11460	1936	13396	49.93
5	3979	77	337	4393	1032	3807	0	2836	2440	-796	10876	20	10896	1897	12793	49.86
6	3950	107	310	4367	1267	3695	0	3074	3592	-791	12130	20	12150	1951	14101	49.86
7	4008	127	309	4444	1097	3735	0	3578	3472	-837	11911	20	11931	1976	13907	49.93
8	4164	77	269	4510	1146	3851	14	3891	3648	-816	12353	20	12373	2003	14376	49.99
9	4051	67	267	4385	998	3730	35	4038	4117	-962	12303	20	12323	2079	14402	49.98
10	3988	76	266	4330	958	3682	55	4050	3861	-1106	11780	20	11800	2197	13997	49.93
11	3985	108	264	4357	915	3305	91	3687	3891	-1068	11491	20	11511	2297	13808	49.90
12	4020	208	263	4491	943	3244	129	3563	3340	-1064	11083	20	11103	2326	13429	49.96
13	4028	204	262	4494	937	3236	148	3137	3001	-1084	10732	20	10752	2326	13078	49.85
14	4033	67	262	4362	935	3180	105	3141	3253	-1136	10699	19	10718	2236	12954	49.91
15	3998	77	260	4335	1168	3328	107	2995	2872	-1148	10662	19	10681	2242	12923	49.96
16	4057	62	258	4377	1347	3500	72	2580	2656	-1142	10810	19	10829	2233	13062	49.97
17	4103	67	260	4430	1172	3583	44	2183	2220	-1106	10343	19	10362	2195	12557	49.98
18	4120	122	260	4502	1368	3580	15	1918	2076	-1083	10458	19	10477	2174	12651	49.93
19	4119	329	263	4711	1467	3671	0	2270	2700	-1163	11386	19	11405	2303	13708	49.86
20	4171	438	363	4972	1498	3749	0	3135	2924	-1325	11818	19	11837	2440	14277	49.94
21	4177	287	365	4829	1673	3728	0	2973	2625	-1346	11509	19	11528	2438	13966	49.97
22	4288	149	365	4802	1502	3705	0	2269	2853	-1339	11523	19	11542	2434	13976	49.89
23	4328	206	365	4899	1197	3880	0	1837	2140	-1331	10785	19	10804	2426	13230	49.91
24	4324	165	366	4855	1228	3805	0	1840	1789	-1283	10394	19	10413	2378	12791	49.95
MUs	98.23	3.32	7.64	109.19	27.79	87.52	0.81	70.98	71.46	-25.57	271.20	0.48	271.68	53.02	324.70	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 17/Sep/2015

Position as on 6.30 Hrs of 18/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refueling work	
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	
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	
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	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
IPP	RPL(AMT) U-4	270	14/09/2015	02.37	17/09/2015	02.52	Turbine Shaft Vibration High	
IPP	WPCL U-3	135	15/09/2015	23.54	17/09/2015	20.12	ESP back filter replacement	
MSPGCL	Chandrapur Unit 2	210	16/09/2015	20.32	17/09/2015	07.46	LBB Protection of GT-6 Optd,Main Bus-II Bus Bar Protection Optd.	
MSPGCL	Chandrapur Unit 6	500	16/09/2015	20.32	17/09/2015	20.02	LBB Protection of GT-6 Optd,Main Bus-II Bus Bar	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Sep/2015

Position as on 6.30 Hrs of 18/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Protection Optd.	
MSPGCL	Chandrapur Unit-8	500	16/09/2015	21.21	17/09/2015	22.27	Turbine Bearing Oil Leakage.	
MSPGCL	Uran Unit 6	108	17/09/2015	05.17	17/09/2015	19.09	Bearing Vibration High.	
IPP	Adani U-2	660	17/09/2015	10.11	17/09/2015	13.58	Flame Failure	
MSPGCL	Uran Unit 6	108	18/09/2015	01.37		Continued.	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 18/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							
Kolhapur Mapusa II	InterState	16/09/2015	16.10		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	16/09/2015	19.45		Continued.	T	Distance Protection(RFC 14.50Hrs 17-9-15)
Kolhapur Solapur (PG) II	InterState	17/09/2015	02.52	17/09/2015	07.47	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/09/2015	08.44	17/09/2015	21.06	PO	OPGW work
Dhule Sar'Sarovar I	InterState	17/09/2015	17.43		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/09/2015	23.59	18/09/2015	07.31	T	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
Koradi-Khaperkheda I	IntraState	16/09/2015	08.18		Continued.	PO	Bay Maintenance Work.(RFC @ 18.25)
karad -kolhapur-I	IntraState	16/09/2015	15.56		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/09/2015	16.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2015	16.33		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	16/09/2015	20.32	17/09/2015	06.40	T	LBB Protection of GT-6 Optd,Main Bus-II Bus Bar Protection Operated.
Lonikand I - Koyna stage-IV	IntraState	16/09/2015	23.50		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	17/09/2015	04.02		Continued.	T	Over Voltage
Padghe - Kharghar	IntraState	17/09/2015	12.02	17/09/2015	15.44	EO	To attend Hot Spot
Padghe - Nagothane - I	IntraState	17/09/2015	16.12		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/09/2015	16.17		Continued.	HT	Over Voltage
Dhule - Bableswhar - li	IntraState	18/09/2015	03.58		Continued.	T	Over Voltage
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) II	InterState	17/09/2015	09.45	17/09/2015	12.28	T	Distance Protection
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	Tripped on B ph Diff Prot. cable damage near reliance sub station.
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
Gadchandur - Virur-I	IntraState	16/09/2015	23.50	17/09/2015	00.04	T	Distance Protection
Boisar Versova Line	IntraState	17/09/2015	10.18	17/09/2015	12.23	HT	To control Bo-Bo Line
Jejuri (400 Kv)-Jejuri- I	IntraState	17/09/2015	12.27	17/09/2015	15.20	PO	CT Tan Delta Measurement
Jejuri (400 Kv)-Jejuri- li	IntraState	17/09/2015	15.30	17/09/2015	17.53	PO	CT Tan Delta Measurement
Telco- Chinchwad	IntraState	18/09/2015	04.55		Continued.	T	Telco EHV Consumer B Phase metering PT Burst
Bhosari 2 - Telco	IntraState	18/09/2015	04.55		Continued.	T	Telco EHV Consumer B Phase metering PT Burst
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and

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 17/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 18/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	15/09/2015	16.34		Continued.	T	Relay Panal
							On Snake Fault,R,Y,B Ph Breaker Pole Burst.
132 KV LINE Outages/Trippings							
Kanhan-Pench	IntraState	18/09/2015	02.28		Continued.	T	Distance Protection

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