

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Sep/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.810	2461.824	1) Gujrat	8.438	82.717
2) Hydro	9.005	204.660	2) Madhya Pradesh	15.555	205.424
3) Gas	9.411	178.928	3) Chattisgarh	5.130	96.440
Total MSPGCL	114.226	2845.412	4) Maharashtra Net	96.377	2172.228
B) 1) APML	54.240	1136.460	5) Goa	-8.037	-169.745
2) JSWEL	28.138	662.619	6) TAPS 1&2 Injection	3.527	89.600
3) VIPL	12.372	260.008	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	21.960	460.664	8) Pench (MS)	0.389	15.484
5) WPCL	4.287	95.166	9) Pench (Excess)	-0.389	-15.484
6) Other IPP	2.106	50.766	Total	120.601	2461.180
C) 1) TPCL Thermal	17.026	387.532	a) Mumbai Schedule	24.663	519.363
2) TPCL Hydro	2.301	41.729	b) Mumbai Drawl	27.045	623.837
3) TPCL Gas	3.399	86.286	c) MSEDCL Bilateral *	34.142	561.168
4) R-INFRA Thermal	11.739	275.916	Include PX	6.405	-92.784
D) STATE			d) Mumbai Bilateral *	24.663	518.328
1) Thermal	247.678	5790.955	Include PX	3.741	29.840
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro (A2+C2)	11.306	246.389	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.810	265.214	1) MSEDCL	337.276	7691.780
4) Wind	5.136	319.773	2) Mumbai Discoms	61.507	1415.291
6) SOLAR	1.255	23.569	TOTAL STATE	398.783	9107.071
TOTAL STATE	278.185	6645.900			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4122	4108	3842	3902
MSPGCL Hydro	619	453	1273	48
MSPGCL Gas	373	356	383	434
MSPGCL Total Generation	5114	4917	5498	4384
Central Sector Receipt	5892	5634	4863	4333
WIND	51	161	378	173
CPP / IPP	5255	5260	5332	4697
SOLAR	154	177	0	0
Exchange with Mumbai	-1452	-1494	-1323	-717
MSEDCL DEMAND MET	15014	14655	14748	12870
Load Shedding	18	18	17	18
MSEDCL DEMAND	15032	14673	14765	12888
TPCL GENERATION	1073	1071	1051	748
R-INFRA GENERATION	510	515	517	397
MUMBAI DEMAND	3035	3080	2891	1862
STATE DEMAND MET	18049	17735	17639	14732
STATE DEMAND	18067	17753	17656	14750
Frequency (Hz)	49.98	49.97	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17:30 Hrs	49.66 Hz at 18:43 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 24/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.96	79.94	134	115
Unit 6	0.00	0.00	0	0
Unit 7	3.75	72.55	165	140
Total	6.72	152.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	97.12	170	165
Unit 4	8.64	247.50	385	340
Unit 5	10.05	157.18	500	260
Total	22.74	501.80		
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	2.25	73.86	146	0
Unit 3	4.45	92.32	195	167
Unit 4	0.00	0.00	0	0
Unit 5	6.95	207.91	356	190
Unit 6	5.77	200.38	410	0
Unit 7	8.80	196.89	410	325
Total	28.21	771.35		
Paras				
Unit 3	5.10	118.66	220	206
Unit 4	1.58	118.94	220	0
Total	6.68	237.60		
Khaparkheda				
Unit 1	3.54	63.04	180	110
Unit 2	3.16	81.84	155	95
Unit 3	3.15	85.32	141	125
Unit 4	3.63	85.09	170	138
Unit 5	8.85	198.84	443	300
Total	22.32	514.14		
Nasik				
Unit 3	0.00	89.88	0	0
Unit 4	4.58	91.40	200	178
Unit 5	4.56	103.16	202	178
Total	9.14	284.44		
Uran				
All Units	9.41	178.93	440	330
Total	9.41	178.93		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.39	15.48	47	0
Total	0.39	15.48		
Koyna				
Stage 1-2	3.68	73.76	360	40
Stage 4	2.10	50.38	416	0
Stage 3	1.42	31.40	270	0
Total	7.20	155.54		
Hydro				
KDPH	0.00	7.93	0	0
VTRNA	0.00	0.31	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.14	80	0
RNGR+BHTSA	0.00	1.41	0	0
BHANDARDRA	0.04	6.64	25	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	5.81	18	8
GHATGHAR	1.35	22.78	234	0
Total	1.81	49.12		
Wind				
Total	5.14	319.77	0	0
Total	5.14	319.77		
CPP				
APML(Mus)	54.24	1136.46	0	0
JSWEL(Mus)	28.14	662.62	0	0
VIPL(Mus)	12.37	260.01	0	0
RPLAMT(Mus)	21.96	460.66	0	0
WPCL(Mus)	4.29	95.17	0	0
Other(Mus)	2.11	50.77	0	0
Total	123.10	2665.68		
SOLAR				
Total	1.26	23.57	0	0
Total	1.26	23.57		
Tata				
Trombay 5	11.06	251.61	489	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.03	59.45	115	56
Trombay 7B	1.36	26.84	67	45
Trombay 8	5.96	135.92	252	246
TATA Hydro	2.30	41.73	242	0
Total	22.73	515.55		
R-INFRA				
1-2	11.74	275.92	519	397
Total	11.74	275.92		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	95.81	2461.82
MSPGCL Thml+Gas	105.22	2640.75

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.00	204.66
MSPGCL Total	114.23	2845.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.78	124.14
State Total	278.18	6645.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	3937	65	434	4436	292	5289	0	4237	4203	-939	13281	26	13307	2254	15561	49.99
2	3933	73	434	4440	284	4956	0	4167	4198	-760	13118	18	13136	2055	15191	49.95
3	3935	48	434	4417	235	4753	0	4092	4320	-745	12980	18	12998	1939	14937	50.00
4	3902	48	434	4384	173	4697	0	4089	4333	-717	12870	18	12888	1862	14750	50.03
5	3987	68	435	4490	175	4699	0	4231	4556	-702	13218	18	13236	1844	15080	50.00
6	4108	48	436	4592	142	4866	0	4321	4602	-655	13547	18	13565	1924	15489	49.97
7	4078	183	440	4701	130	5082	0	4760	5144	-621	14436	18	14454	2041	16495	50.00
8	3972	489	438	4899	113	5058	30	5109	5685	-755	15030	18	15048	2182	17230	50.03
9	4059	494	432	4985	103	5126	84	5464	5811	-1078	15031	18	15049	2489	17538	49.99
10	4122	548	378	5048	103	5252	113	5446	5591	-1417	14690	18	14708	2826	17534	49.97
11	4122	619	373	5114	51	5255	154	5464	5892	-1452	15014	18	15032	3035	18067	49.98
12	4126	655	360	5141	68	5300	155	5280	5796	-1495	14965	18	14983	3082	18065	49.97
13	4108	453	356	4917	161	5260	177	5214	5634	-1494	14655	18	14673	3080	17753	49.97
14	4159	265	354	4778	246	5270	175	5109	5426	-1406	14489	17	14506	2968	17474	49.92
15	4090	383	330	4803	276	5313	139	5200	5431	-1490	14472	17	14489	2994	17483	49.92
16	4070	579	330	4979	252	5224	111	5316	5576	-1475	14667	17	14684	3013	17697	49.91
17	4033	385	332	4750	222	5320	85	5163	5179	-1430	14126	17	14143	2985	17128	49.90
18	3943	485	363	4791	296	5273	29	4379	4358	-1402	13345	17	13362	2925	16287	49.97
19	3841	429	383	4653	382	5295	3	4832	4760	-1276	13817	17	13834	2887	16721	49.86
20	3842	1273	383	5498	378	5332	0	4896	4863	-1323	14748	17	14765	2891	17656	49.95
21	3837	472	387	4696	382	5501	0	4831	4987	-1189	14377	17	14394	2737	17131	49.93
22	3862	480	395	4737	275	4755	0	4621	4846	-1160	13453	17	13470	2568	16038	49.94
23	3863	214	380	4457	227	5243	0	4530	4832	-1049	13710	17	13727	2476	16203	49.87
24	3881	249	390	4520	170	4984	0	4395	4565	-1015	13224	17	13241	2453	15694	49.91
MUs	95.81	9.00	9.41	114.23	5.14	123.10	1.26	115.15	120.59	-27.04	337.26	0.43	337.69	61.51	399.20	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 24/Sep/2015

Position as on 6.30 Hrs of 25/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.	Refuelling 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-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Chandrapur Unit-8	500	19/09/2015	18.01	24/09/2015	12.19	ESP Problem	
MSPGCL	Nasik Unit 3	210	21/09/2015	15.00		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	23/09/2015	17.12	24/09/2015	07.33	Flame Failure	
MSPGCL	Paras Unit 4	250	24/09/2015	07.14		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	24/09/2015	15.49	24/09/2015	18.56	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Sep/2015

Position as on 6.30 Hrs of 25/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 2	210	24/09/2015	17.41		Continued.	Boiler ring header leakage.	
MSPGCL	Chandrapur Unit-8	500	24/09/2015	19.48		Continued.	Steam Temperature low.	
IPP	RPL(AMT) U-4	270	24/09/2015	21.00		Continued.	Bottom ash Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 25/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							
Dabhol Nagothane II	InterState	22/09/2015	11.16		Continued.	PO	Maintenance & testing work at Dabhol end.
Kolhapur Mapusa I	InterState	23/09/2015	18.13	24/09/2015	06.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/09/2015	02.41	24/09/2015	06.41	HT	Over Voltage
Kolhapur Mapusa II	InterState	24/09/2015	16.45		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/09/2015	21.45		Continued.	HT	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.
New Koyna - Dabhol-I	IntraState	22/09/2015	03.22		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	23/09/2015	16.09	24/09/2015	06.45	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/09/2015	16.58	24/09/2015	08.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/09/2015	19.23	24/09/2015	06.47	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	23/09/2015	22.00	24/09/2015	06.02	EO	Attending R Ph Broken Jumper Conductor.
karad -kolhapur-I	IntraState	24/09/2015	16.38	25/09/2015	07.03	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/09/2015	18.10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/09/2015	21.50		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	24/09/2015	09.00	24/09/2015	17.40	PO	Routine Maintenance Work
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 de-energising 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 de-energising 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
Talandage(400kv) - Five Star Midc	IntraState	24/09/2015	07.12	24/09/2015	15.37	PO	Daignostic Testing
Jejuri- Ismt- Lonand	IntraState	24/09/2015	09.05	24/09/2015	17.45	PO	CT Replacement work
Babheshwar- Babheshwar-I	IntraState	24/09/2015	09.24	24/09/2015	10.30	PO	To attend Y-ph CT Oil Leakage.
Babheshwar- Alephata	IntraState	25/09/2015	06.22		Continued.	HT	Over Voltage
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 Relay Panel
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	15/09/2015	16.34		Continued.	T	On Snake Fault,33kv Breaker R,Y,B Ph Pole Burst.

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