

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.338	1019.429	1) Gujrat	1.514	41.088
2) Hydro	5.668	116.424	2) Madhya Pradesh	7.590	117.551
3) Gas	6.501	63.746	3) Chattisgarh	4.360	47.620
Total MSPGCL	123.507	1199.599	4) Maharashtra Net	92.503	1026.496
B) 1) APML	53.390	553.760	5) Goa	-7.779	-75.733
2) JSWEL	29.163	277.872	6) TAPS 1&2 Injection	4.020	39.877
3) VIPL	10.686	118.513	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.760	210.703	8) Pench (MS)	0.486	7.036
5) WPCL	4.977	39.444	9) Pench (Excess)	-0.486	-7.036
6) Other IPP	1.813	20.710	Total	101.722	1189.863
C) 1) TPCL Thermal	16.397	169.108	a) Mumbai Schedule	22.449	238.567
2) TPCL Hydro	2.535	23.829	b) Mumbai Drawl	27.966	251.155
3) TPCL Gas	2.769	29.746	c) MSEDCL Bilateral *	27.314	322.050
4) R-INFRA Thermal	11.782	121.068	Include PX	-0.423	39.173
D) STATE			d) Mumbai Bilateral *	22.364	237.532
1) Thermal	260.306	2530.607	Include PX	0.525	12.854
(A1+C1+C4+(B1-B6))			Include Standby	0.085	1.035
2) Hydro	8.203	140.253	H) ENERGY CATERED (MUs)		
3) Gas	9.270	93.492	1) MSEDCL	323.385	3448.652
4) Wind	4.319	78.822	2) Mumbai Discoms	61.452	594.895
6) SOLAR	1.014	10.521	TOTAL STATE	384.837	4043.547
TOTAL STATE	283.112	2853.695			

* 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 5 Hrs
MSPGCL Thermal	4728	4724	4711	4541
MSPGCL Hydro	356	155	761	122
MSPGCL Gas	271	270	270	272
MSPGCL Total Generation	5355	5149	5742	4935
Central Sector Receipt	4531	4550	4740	3598
WIND	149	78	87	247
CPP / IPP	5298	5164	5266	4760
SOLAR	121	168	0	0
Exchange with Mumbai	-1409	-1417	-1325	-819
MSEDCL DEMAND MET	14045	13692	14510	12721
Load Shedding	25	25	28	25
MSEDCL DEMAND	14070	13717	14538	12746
TPCL GENERATION	1125	1141	1036	606
R-INFRA GENERATION	514	515	516	397
MUMBAI DEMAND	3048	3073	2877	1822
STATE DEMAND MET	17093	16765	17387	14543
STATE DEMAND	17118	16790	17415	14568
Frequency (Hz)	49.96	49.89	49.97	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.7 Hz at 05.17 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/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.56	33.58	155	140
Unit 6	0.00	0.00	0	0
Unit 7	0.00	30.19	0	0
Total	3.56	63.77		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.95	40.58	175	140
Unit 4	10.58	105.27	490	400
Unit 5	9.16	58.09	415	360
Total	23.69	203.94		
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	3.51	31.73	153	134
Unit 3	4.33	33.42	208	164
Unit 4	0.00	0.00	0	0
Unit 5	9.53	93.16	415	380
Unit 6	9.85	95.40	445	367
Unit 7	9.33	84.55	403	372
Total	36.56	338.26		
Paras				
Unit 3	5.13	49.21	224	197
Unit 4	5.54	52.85	244	211
Total	10.68	102.06		
Khaparkheda				
Unit 1	3.58	16.76	180	105
Unit 2	3.94	33.80	180	135
Unit 3	3.92	33.96	175	150
Unit 4	3.80	34.23	166	138
Unit 5	7.97	76.52	360	310
Total	23.21	195.27		
Nasik				
Unit 3	4.56	44.88	200	180
Unit 4	4.52	30.43	200	180
Unit 5	4.57	40.84	202	180
Total	13.64	116.14		
Uran				
All Units	6.50	63.75	275	268
Total	6.50	63.75		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.49	7.04	42	0
Total	0.49	7.04		
Koyna				
Stage 1-2	2.14	38.67	455	40
Stage 4	0.20	35.45	114	0
Stage 3	0.39	16.78	80	0
Total	2.74	90.90		
Hydro				
KDPH	0.87	5.37	37	36
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	1.93	80	0
RNGR+BHTSA	0.12	1.00	15	0
BHANDARDRA	0.50	5.13	41	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	2.94	23	13
GHATGHAR	0.86	9.14	125	0
Total	2.93	25.52		
Wind				
Total	4.32	78.82	0	0
Total	4.32	78.82		
CPP				
APML(Mus)	53.39	553.76	0	0
JSWEL(Mus)	29.16	277.87	0	0
VIPL(Mus)	10.69	118.51	0	0
RPLAMT(Mus)	20.76	210.70	0	0
WPCL(Mus)	4.98	39.44	0	0
Other(Mus)	1.81	20.71	0	0
Total	120.79	1221.00		
SOLAR				
Total	1.01	10.52	0	0
Total	1.01	10.52		
Tata				
Trombay 5	10.70	110.86	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	24.15	115	77
Trombay 7B	0.38	5.60	66	0
Trombay 8	5.69	58.25	252	200
TATA Hydro	2.54	23.83	294	0
Total	21.70	222.68		
R-INFRA				
1-2	11.78	121.07	520	396
Total	11.78	121.07		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.34	1019.43
MSPGCL Thml+Gas	117.84	1083.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.67	116.42
MSPGCL Total	123.51	1199.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.34	74.12
State Total	283.11	2853.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4570	125	272	4967	119	4749	0	4363	3957	-794	12998	40	13038	2244	15282	49.88
2	4541	102	271	4914	156	4632	0	4102	3730	-657	12775	25	12800	2050	14850	49.94
3	4545	202	272	5019	198	4587	0	3888	3743	-748	12799	25	12824	1927	14751	49.90
4	4555	102	272	4929	227	4744	0	3917	3826	-847	12879	25	12904	1852	14756	49.95
5	4541	122	272	4935	247	4760	0	4025	3598	-819	12721	25	12746	1822	14568	49.90
6	4572	114	270	4956	306	4789	0	4290	3897	-918	13030	25	13055	1920	14975	49.83
7	4600	117	271	4988	294	4818	0	4752	4486	-1032	13554	25	13579	2034	15613	49.93
8	4560	142	270	4972	266	4752	21	4775	4594	-1092	13513	25	13538	2185	15723	49.93
9	4682	159	274	5115	249	5164	70	4708	4402	-1182	13818	25	13843	2501	16344	49.97
10	4616	194	275	5085	189	5325	114	4750	4613	-1325	14001	25	14026	2836	16862	50.01
11	4728	356	271	5355	149	5298	121	4936	4531	-1409	14045	25	14070	3048	17118	49.96
12	4735	292	271	5298	123	5277	120	4866	4517	-1422	13913	25	13938	3086	17024	49.89
13	4724	155	270	5149	78	5164	168	4995	4550	-1417	13692	25	13717	3073	16790	49.89
14	4720	121	270	5111	102	5100	146	4579	4056	-1353	13162	27	13189	2965	16154	49.89
15	4684	203	270	5157	107	5192	136	4552	4485	-1395	13682	27	13709	2946	16655	49.86
16	4737	228	268	5233	137	5334	83	4573	4181	-1413	13555	27	13582	2962	16544	49.91
17	4607	144	268	5019	283	5117	25	4533	4514	-1461	13497	27	13524	3000	16524	49.90
18	4492	405	272	5169	360	4870	10	4104	4058	-1424	13043	27	13070	2978	16048	49.95
19	4522	609	270	5401	340	4896	0	4241	4323	-1347	13613	27	13640	2922	16562	49.97
20	4711	761	270	5742	87	5266	0	4877	4740	-1325	14510	28	14538	2877	17415	49.97
21	4783	358	270	5411	81	5305	0	4661	4657	-1265	14189	28	14217	2754	16971	49.91
22	4784	335	270	5389	64	5331	0	4465	4129	-1135	13778	28	13806	2581	16387	49.93
23	4745	190	270	5205	50	5278	0	4441	3959	-1144	13348	28	13376	2568	15944	49.89
24	4584	132	272	4988	107	5041	0	4288	4175	-1042	13269	28	13297	2318	15615	49.96
MUs	111.34	5.67	6.50	123.51	4.32	120.79	1.01	107.68	101.72	-27.97	323.38	0.64	324.03	61.45	385.47	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/Sep/2015

Position as on 6.30 Hrs of 11/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	
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	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	
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	
MSPGCL	Koradi Unit 7	210	08/09/2015	22.44		Continued.	Boiler Validity Extention.	
TPC-G	Trombay 7B	60	09/09/2015	16.20	10/09/2015	18.23	Exciator Bearing Vibration problem	
MSPGCL	Koradi Unit-8	660	10/09/2015	13.58		Continued.	Tripped on Air Heater Jam.	
MSPGCL	Chandrapur Unit-8	500	10/09/2015	21.42		Continued.	Cooling Wather Pump problem.	

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

Statement-VII

Position as on 6.30 Hrs of 11/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 I	InterState	09/09/2015	18.12	10/09/2015	06.57	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	09/09/2015	19.13	10/09/2015	18.59	T	Dist.Prot.Y Ph Earth.
Dhule Sar'Sarovar I	InterState	09/09/2015	22.01	10/09/2015	07.28	HT	Over Voltage
Kolhapur Mapusa II	InterState	10/09/2015	10.36	10/09/2015	12.18	HT	Attending Hot Spot
Kolhapur Mapusa II	InterState	10/09/2015	16.23		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/09/2015	22.12		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	10/09/2015	23.30	11/09/2015	06.39	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	04/09/2015	15.23	10/09/2015	13.26	HT	To control padgha-bblr 2 line overloading
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	09/09/2015	05.14		Continued.	PO	Taken on TBC for Attending Main CB Problem.
karad -kolhapur-II	IntraState	09/09/2015	16.35	10/09/2015	08.28	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/09/2015	16.37	10/09/2015	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/09/2015	17.42	10/09/2015	08.33	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/09/2015	00.01	10/09/2015	09.07	HT	Over Voltage
Girwali- Lonikand 2	IntraState	10/09/2015	04.16	10/09/2015	15.51	T	Distance Protection
karad -kolhapur-I	IntraState	10/09/2015	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/09/2015	16.20		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
Bhusawal-Aurangabad	IntraState	10/09/2015	17.41		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/09/2015	23.09		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	11/09/2015	00.06	11/09/2015	06.39	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	11/09/2015	02.20		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	10/09/2015	09.20	10/09/2015	18.17	PO	Annual Diagnostic & Aux Testing.
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
Jejuri-Phursungi 1	IntraState	09/09/2015	21.33	10/09/2015	09.01	T	Distance Protection
Kharghar Trombay	IntraState	09/09/2015	22.32	10/09/2015	02.12	EO	To Attend Hot Spot @ CC.
Kandalgaon - Koyna	IntraState	10/09/2015	08.05	10/09/2015	17.30	PO	Line Maintenance work
Talandge(400)- Mudshingi 2 Line	IntraState	10/09/2015	10.48	10/09/2015	18.20	PO	Attending Red Hot Spot Y & R ph CT clamp.
REL Borivali TPC Borivali line	IntraState	10/09/2015	16.22		Continued.	T	Tripped on B ph Diff Prot. cable damage near reliance sub station.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	10/09/2015	16.58	11/09/2015	01.46	T	Distance Protection

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/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 11/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Magar Patta City- Serum	IntraState	11/09/2015	05.22		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
100MVA T/F NO.4@ Mulund	IntraState	09/09/2015	12:20		Continued.	PO	Replacement of Control and Relay Panal
132 KV LINE Outages/Trippings							
Harangul - Nilanga	IntraState	08/09/2015	22.12		Continued.	T	Distance Protection Operated Zone-II R Phase.
Kanhan-Pench	IntraState	10/09/2015	16.56		Continued.	T	Distance Protection

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