

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.231	116.231	1) Gujrat	7.241	7.241
2) Hydro	5.065	5.065	2) Madhya Pradesh	11.421	11.421
3) Gas	6.854	6.854	3) Chattisgarh	3.880	3.880
Total MSPGCL	128.150	128.150	4) Maharashtra Net	104.314	104.314
B) 1) APML	56.740	56.740	5) Goa	-7.985	-7.985
2) JSWEL	27.319	27.319	6) TAPS 1&2 Injection	3.505	3.505
3) VIPL	11.909	11.909	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.250	18.250	8) Pench (MS)	0.605	0.605
5) WPCL	5.063	5.063	9) Pench (Excess)	-0.605	-0.605
6) Other IPP	3.203	3.203	Total	121.771	121.771
C) 1) TPCL Thermal	17.190	17.190	a) Mumbai Schedule	26.830	26.830
2) TPCL Hydro	2.880	2.880	b) Mumbai Drawl	30.802	30.802
3) TPCL Gas	4.508	4.508	c) MSEDCL Bilateral *	28.413	28.413
4) R-INFRA Thermal	12.025	12.025	Include PX	-0.190	-0.190
D) STATE			d) Mumbai Bilateral *	26.830	26.830
1) Thermal	267.930	267.930	Include PX	6.445	6.445
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.945	7.945	H) ENERGY CATERED (MUs)		
3) Gas	11.362	11.362	1) MSEDCL	352.485	352.485
4) Wind	9.694	9.694	2) Mumbai Discoms	67.404	67.404
6) SOLAR	1.188	1.188	TOTAL STATE	419.889	419.889
TOTAL STATE	298.119	298.119			

* 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 4 Hrs
MSPGCL Thermal	4981	4895	4846	4795
MSPGCL Hydro	438	401	106	131
MSPGCL Gas	271	270	284	293
MSPGCL Total Generation	5690	5566	5236	5219
Central Sector Receipt	5879	5774	5505	4243
WIND	494	346	422	481
CPP / IPP	5303	5151	5163	4810
SOLAR	152	175	0	0
Exchange with Mumbai	-1502	-1591	-1538	-824
MSEDCL DEMAND MET	16016	15421	14788	13929
Load Shedding	652	757	40	35
MSEDCL DEMAND	16668	16178	14828	13964
TPCL GENERATION	1253	1223	1080	883
R-INFRA GENERATION	510	515	516	398
MUMBAI DEMAND	3265	3329	3134	2105
STATE DEMAND MET	19281	18750	17922	16034
STATE DEMAND	19933	19507	17962	16069
Frequency (Hz)	49.95	49.92	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 18:09 Hrs	49.66 Hz at 14:42 Hrs	49.94	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 01/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.00	2.00	140	0
Unit 6	0.00	0.00	0	0
Unit 7	3.59	3.59	166	70
Total	5.59	5.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.09	4.09	180	165
Unit 4	11.26	11.26	500	430
Unit 5	11.71	11.71	500	430
Total	27.06	27.06		
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	3.38	3.38	148	133
Unit 3	4.46	4.46	200	168
Unit 4	4.35	4.35	198	160
Unit 5	0.00	0.00	0	0
Unit 6	9.65	9.65	435	370
Unit 7	9.60	9.60	430	363
Total	31.45	31.45		
Paras				
Unit 3	5.00	5.00	219	196
Unit 4	4.96	4.96	243	183
Total	9.97	9.97		
Khaparkheda				
Unit 1	1.92	1.92	160	0
Unit 2	3.18	3.18	170	95
Unit 3	4.06	4.06	182	154
Unit 4	3.84	3.84	166	152
Unit 5	10.23	10.23	470	370
Total	23.23	23.23		
Nasik				
Unit 3	4.47	4.47	195	175
Unit 4	4.46	4.46	195	173
Unit 5	4.52	4.52	198	179
Total	13.45	13.45		
Uran				
All Units	6.85	6.85	298	270
Total	6.85	6.85		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.60	0.60	50	0
Total	0.60	0.60		
Koyna				
Stage 1-2	2.18	2.18	335	40
Stage 4	0.38	0.38	240	0
Stage 3	0.00	0.00	160	0
Total	2.56	2.56		
Hydro				
KDPH	0.75	0.75	37	19
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	0.20	80	0
RNGR+BHTSA	0.11	0.11	5	4
BHANDARDRA	0.52	0.52	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	0.35	21	12
GHATGHAR	0.56	0.56	125	0
Total	2.50	2.50		
Wind				
Total	9.69	9.69	0	0
Total	9.69	9.69		
CPP				
APML(Mus)	56.74	56.74	0	0
JSWEL(Mus)	27.32	27.32	0	0
VIPL(Mus)	11.91	11.91	0	0
RPLAMT(Mus)	18.25	18.25	0	0
WPCL(Mus)	5.06	5.06	0	0
Other(Mus)	3.20	3.20	0	0
Total	122.48	122.48		
SOLAR				
Total	1.19	1.19	0	0
Total	1.19	1.19		
Tata				
Trombay 5	11.26	11.26	474	447
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.86	2.86	128	98
Trombay 7B	1.64	1.64	71	61
Trombay 8	5.93	5.93	250	244
TATA Hydro	2.88	2.88	343	0
Total	24.58	24.58		
R-INFRA				
1-2	12.02	12.02	519	396
Total	12.02	12.02		

Infirm Power	Chandrapur 8	5.50
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.23	116.23
MSPGCL Thml+Gas	123.08	123.08

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.06	5.06
MSPGCL Total	128.15	128.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.56	2.56
State Total	298.12	298.12

Hourly Load Data As on 01/Oct/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	4696	121	293	5110	731	4953	0	4592	4700	-1193	14301	32	14333	2611	16944	49.92
2	4712	116	293	5121	706	4828	0	4560	4491	-965	14181	27	14208	2386	16594	49.92
3	4752	126	293	5171	562	4811	0	4436	4324	-831	14037	35	14072	2231	16303	49.96
4	4795	131	293	5219	481	4810	0	4113	4243	-824	13929	35	13964	2105	16069	49.96
5	4784	127	293	5204	467	5113	0	4136	4027	-815	13996	35	14031	2067	16098	50.01
6	4888	147	293	5328	425	5047	0	4501	4515	-779	14536	99	14635	2089	16724	49.94
7	5024	116	296	5436	456	5121	1	4973	4981	-755	15240	277	15517	2175	17692	49.98
8	5061	121	297	5479	398	5176	24	5175	4758	-868	14967	334	15301	2294	17595	49.98
9	5016	138	286	5440	403	5202	70	5399	5701	-1132	15684	215	15899	2557	18456	49.97
10	4920	575	281	5776	478	5203	116	5609	5813	-1494	15892	420	16312	2950	19262	49.93
11	4762	570	277	5609	536	5230	151	5808	5711	-1498	15739	542	16281	3175	19456	49.89
12	4981	438	271	5690	494	5303	152	6022	5879	-1502	16016	652	16668	3265	19933	49.95
13	4895	401	270	5566	346	5151	175	5516	5774	-1591	15421	757	16178	3329	19507	49.92
14	4963	475	270	5708	271	5169	167	5378	5678	-1591	15402	731	16133	3239	19372	49.89
15	4947	819	271	6037	273	5189	140	5671	5411	-1584	15466	585	16051	3325	19376	49.86
16	4941	655	272	5868	166	5161	113	5815	5532	-1608	15232	623	15855	3333	19188	49.94
17	4857	269	275	5401	251	5239	63	5637	5589	-1618	14925	364	15289	3328	18617	49.94
18	4848	107	278	5233	444	5208	16	5042	5044	-1581	14364	112	14476	3238	17714	49.98
19	4808	196	280	5284	519	5168	0	5019	5142	-1507	14606	46	14652	3166	17818	49.94
20	4846	106	284	5236	422	5163	0	5641	5505	-1538	14788	40	14828	3134	17962	49.96
21	4760	111	294	5165	293	4979	0	5425	5037	-1475	13999	29	14028	3044	17072	49.94
22	4578	183	298	5059	235	5076	0	4859	4932	-1413	13889	28	13917	2866	16783	49.95
23	4734	102	298	5134	193	5127	0	4785	4375	-1335	13494	28	13522	2763	16285	49.92
24	4663	107	298	5068	144	5057	0	4784	4609	-1305	13573	28	13601	2735	16336	49.92
MUs	116.23	6.26	6.85	129.34	9.69	122.48	1.19	122.90	121.77	-30.80	353.68	6.07	359.75	67.41	427.16	49.94

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 01/Oct/2015

Position as on 6.30 Hrs of 02/Oct/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 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 generator bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Uran Unit B0	120	28/09/2015	23.06		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11		Continued.	Gas shortage	
MSPGCL	Koradi Unit 5	200	30/09/2015	17.13	01/10/2015	01.55	Roter Earth Fault	
IPP	RPL(AMT) U-1	270	01/10/2015	06.20		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 1	210	01/10/2015	16.28		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	01/10/2015	21.08		Continued.	Generator Rotor E/F	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 02/Oct/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 I	InterState	29/09/2015	08.52		Continued.	PO	Routine Maintenance Work
Kolhapur Mapusa II	InterState	30/09/2015	21.39	01/10/2015	07.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/10/2015	01.29	01/10/2015	09.37	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	01/10/2015	09.42	01/10/2015	19.17	PO	Fitting of Copper Earth Bond.
Dhule Sar'Sarovar I	InterState	01/10/2015	23.47		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	01/10/2015	23.56		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/09/2015	19.49	01/10/2015	06.41	HT	Over Voltage
karad -kolhapur-I	IntraState	30/09/2015	21.35	01/10/2015	07.12	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/09/2015	22.58	01/10/2015	06.40	T	Distance Protection
Babhleshwar- Aurangabad (Waluj)	IntraState	01/10/2015	11.20	01/10/2015	19.11	PO	Ckt on TBC Isolator Maint.Work.
karad -kolhapur-II	IntraState	01/10/2015	17.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/10/2015	20.16		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/10/2015	20.38		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @ Kharghar	IntraState	30/09/2015	08.03	01/10/2015	12.52	EO	Attend Leakage from Bucholze Relay.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	01/10/2015	08.39	01/10/2015	18.10	PO	Diagnostic Testing & R M Work.
400/220/33 Kv 315 Mva Ict 2 @Girwali	IntraState	01/10/2015	18.15	01/10/2015	20.10	EO	For Attending Hot Spot on Bushing.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/10/2015	20.07		Continued.	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 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.
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	01/10/2015	01.17	01/10/2015	06.38	PO	C T Testing Work.
Bhigwan-Baramat lagro	IntraState	01/10/2015	10.00	01/10/2015	17.30	PO	CT Tan Delta Measurment.
Kamba - Kolshet	IntraState	01/10/2015	11.15	01/10/2015	18.08	PO	R Ph CT Replacement Due to Oil Leakage.
Ranjangaon-Fiat 2	IntraState	01/10/2015	11.45	01/10/2015	18.09	PO	Quarterly Maintainance Work
Ghatghar - Bapgaon	IntraState	01/10/2015	12.05	01/10/2015	13.30	T	Backup Protection
Bapgaon - Kalwa	IntraState	01/10/2015	12.05	01/10/2015	12.32	T	Distance Protection
Apta - Bombay Dyeing	IntraState	01/10/2015	12.32	01/10/2015	18.09	PO	Routine Testing.
Jejuri-Parvati	IntraState	01/10/2015	12.42	01/10/2015	15.27	PO	Half yearly maintenance work
Nasik - Raymond	IntraState	01/10/2015	15.16	01/10/2015	18.02	T	Over Voltage
Babhleshwar- Babhleshwar-I	IntraState	01/10/2015	17.23	01/10/2015	19.19	EO	To attend Hot Spot
Karad - Vita Ckt- I	IntraState	01/10/2015	17.53	01/10/2015	21.29	T	Distance Protection
Lamboti-Vita	IntraState	01/10/2015	21.34	01/10/2015	21.48	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 01/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	01/10/2015	11.27	01/10/2015	17.18	PO	Half yearly maintenance work
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	01/10/2015	13.51	01/10/2015	15.25	PO	Quarterly Maintainance Work