

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Oct/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.508	1298.134	1) Gujrat	3.895	66.275
2) Hydro	7.284	79.465	2) Madhya Pradesh	11.856	128.160
3) Gas	10.343	91.290	3) Chattisgarh	3.500	47.300
Total MSPGCL	149.135	1468.889	4) Maharashtra Net	100.645	1070.700
B) 1) APLM	53.480	601.220	5) Goa	-7.250	-82.848
2) JSWEL	29.329	302.893	6) TAPS 1&2 Injection	3.557	38.975
3) VIPL	12.378	127.306	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	18.120	215.470	8) Pench (MS)	0.835	5.415
5) WPCL	4.279	48.027	9) Pench (Excess)	-0.835	-5.415
6) Other IPP	3.480	32.866	Total	115.368	1263.147
C) 1) TPCL Thermal	17.430	183.636	a) Mumbai Schedule	25.652	277.947
2) TPCL Hydro	0.027	22.274	b) Mumbai Drawl	27.917	323.847
3) TPCL Gas	3.707	45.911	c) MSEDCL Bilateral *	33.156	308.764
4) R-INFRA Thermal	6.377	118.592	Include PX	1.744	-5.078
D) STATE			d) Mumbai Bilateral *	25.652	274.584
1) Thermal (A1+C1+C4+(B1-B6))	276.381	2928.144	Include PX	6.675	57.360
2) Hydro (A2+C2)	7.311	101.739	Include Standby	0.000	3.363
3) Gas (A3+C3)	14.050	137.201	H) ENERGY CATERED (MUs)		
4) Wind	3.503	63.090	1) MSEDCL	362.117	3810.946
6) SOLAR	0.962	11.885	2) Mumbai Discoms	55.173	693.970
TOTAL STATE	302.207	3242.059	TOTAL STATE	417.290	4504.916

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5661	5585	5197	5479
MSPGCL Hydro	748	929	539	82
MSPGCL Gas	426	425	429	430
MSPGCL Total Generation	6835	6939	6165	5991
Central Sector Receipt	5575	5268	4920	4077
WIND	20	39	117	164
CPP / IPP	5010	4958	4932	5039
SOLAR	148	153	0	0
Exchange with Mumbai	-1185	-1191	-1264	-929
MSEDCL DEMAND MET	16403	16166	14870	14342
Load Shedding	271	565	217	50
MSEDCL DEMAND	16674	16731	15087	14392
TPCL GENERATION	915	913	858	861
R-INFRA GENERATION	258	259	242	259
MUMBAI DEMAND	2358	2363	2364	2049
STATE DEMAND MET	18761	18529	17234	16391
STATE DEMAND	19032	19094	17451	16441
Frequency (Hz)	49.89	49.92	49.94	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18:00 Hrs	49.71 Hz at 18:11 Hrs	49.97	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 11/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.98	34.07	141	110
Unit 6	0.00	0.00	0	0
Unit 7	2.93	36.42	140	100
Total	5.91	70.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.74	42.66	170	150
Unit 4	9.88	115.48	435	380
Unit 5	10.64	119.18	480	415
Total	24.26	277.32		
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	3.13	35.92	137	124
Unit 3	4.73	50.42	207	172
Unit 4	4.69	49.55	204	161
Unit 5	9.96	63.59	435	380
Unit 6	6.90	104.62	435	0
Unit 7	10.16	108.40	442	387
Total	39.56	412.50		
Paras				
Unit 3	5.21	48.84	228	212
Unit 4	5.70	53.59	259	219
Total	10.91	102.43		
Khaparkheda				
Unit 1	3.60	31.73	165	125
Unit 2	3.62	38.74	165	110
Unit 3	3.96	43.16	176	139
Unit 4	3.53	25.19	153	139
Unit 5	9.56	100.52	450	357
Total	24.28	239.33		
Nasik				
Unit 3	4.41	49.17	200	160
Unit 4	4.68	21.28	202	186
Unit 5	4.68	49.97	202	189
Total	13.77	120.42		
Uran				
All Units	10.34	91.29	441	420
Total	10.34	91.29		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.84	5.42	50	11
Total	0.84	5.42		
Koyna				
Stage 1-2	3.48	30.60	475	40
Stage 4	1.06	15.32	221	0
Stage 3	0.95	9.56	160	0
Total	5.49	55.48		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.01	80	0
RNGR+BHTSA	0.00	0.41	0	0
BHANDARDRA	0.46	5.34	33	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	2.28	13	3
GHATGHAR	0.97	11.35	125	0
Total	1.80	23.99		
Wind				
Total	3.50	63.09	0	0
Total	3.50	63.09		
CPP				
APML(Mus)	53.48	601.22	0	0
JSWEL(Mus)	29.33	302.89	0	0
VIPL(Mus)	12.38	127.31	0	0
RPLAMT(Mus)	18.12	215.47	0	0
WPCL(Mus)	4.28	48.03	0	0
Other(Mus)	3.48	32.87	0	0
Total	121.07	1327.78		
SOLAR				
Total	0.96	11.88	0	0
Total	0.96	11.88		
Tata				
Trombay 5	11.56	119.16	490	449
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	28.80	115	74
Trombay 7B	1.44	17.11	67	54
Trombay 8	5.86	64.47	249	216
TATA Hydro	0.03	22.27	14	0
Total	21.16	251.82		
R-INFRA				
1-2	6.38	118.59	392	242
Total	6.38	118.59		

Infirm Power	Chandrapur 8	3.92
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.51	1298.13
MSPGCL Thml+Gas	141.85	1389.42

Koradi 8	8.90	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.28	79.46
MSPGCL Total	149.14	1468.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.54	45.92
State Total	302.21	3242.06

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 11/Oct/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5412	58	432	5902	342	5102	0	4934	4886	-1415	14817	44	14861	2526	17387	49.98
2	5444	58	432	5934	306	5088	0	4826	4591	-1215	14704	50	14754	2331	17085	49.94
3	5321	64	432	5817	309	4884	0	4591	4546	-1092	14464	50	14514	2188	16702	49.96
4	5433	87	432	5952	218	4955	0	4433	4180	-976	14329	50	14379	2090	16469	50.00
5	5479	82	430	5991	164	5039	0	4578	4077	-929	14342	50	14392	2049	16441	49.94
6	5538	77	432	6047	147	4976	0	4705	4558	-940	14788	93	14881	2060	16941	49.98
7	5588	93	434	6115	136	5121	0	5045	4976	-908	15440	168	15608	2032	17640	49.99
8	5597	119	434	6150	82	5097	17	5155	5062	-881	15527	182	15709	2013	17722	49.96
9	5605	300	428	6333	71	5040	53	5192	5287	-958	15826	156	15982	2092	18074	49.98
10	5601	477	424	6502	27	5097	73	5291	5266	-1034	15931	126	16057	2193	18250	49.96
11	5684	632	428	6744	27	5091	131	5376	5314	-1140	16167	138	16305	2298	18603	49.95
12	5661	748	426	6835	20	5010	148	5400	5575	-1185	16403	271	16674	2358	19032	49.89
13	5651	713	428	6792	25	5149	157	5219	5040	-1198	15965	352	16317	2375	18692	49.93
14	5585	929	425	6939	39	4958	153	5149	5268	-1191	16166	565	16731	2363	19094	49.92
15	5671	850	427	6948	85	5002	110	5190	5104	-1229	16020	537	16557	2382	18939	49.99
16	5651	683	429	6763	95	5050	70	5263	5256	-1242	15992	437	16429	2384	18813	49.98
17	5572	277	420	6269	72	5198	36	5130	5037	-1196	15416	450	15866	2336	18202	49.96
18	5308	63	425	5796	137	5036	14	4794	4496	-1138	14341	317	14658	2279	16937	49.99
19	5197	539	429	6165	117	4932	0	4789	4920	-1264	14870	217	15087	2364	17451	49.94
20	5411	177	440	6028	222	5059	0	4806	4410	-1330	14389	462	14851	2506	17357	50.03
21	5383	66	440	5889	228	5116	0	4705	4480	-1360	14353	294	14647	2529	17176	50.02
22	5381	68	441	5890	268	5121	0	4674	4121	-1629	13771	159	13930	2772	16702	50.03
23	5184	57	438	5679	199	4955	0	4425	4382	-1272	13943	52	13995	2472	16467	50.03
24	5151	67	437	5655	167	4990	0	4412	4536	-1195	14153	45	14198	2466	16664	50.02
MUs	131.51	7.28	10.34	149.14	3.50	121.07	0.96	118.08	115.37	-27.92	362.12	5.27	367.38	55.46	422.84	49.97

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 11/Oct/2015

Position as on 6.30 Hrs of 12/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	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
RINFRA-G	REL Unit 2	250	09/10/2015	23.29	11/10/2015	21.53	BTL	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-4	270	10/10/2015	05.48	11/10/2015	18.56	ID Fan Problem	
MSPGCL	Chandrapur Unit 6	500	11/10/2015	16.50		Continued.	ACW line Outage leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 12/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	07/10/2015	07.56			Continued.	PO Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21			Continued.	PO Line Maintenance work
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52			Continued.	PO Tree Cutting Work.
Dhule Sar'Sarovar I	InterState	10/10/2015	23.15	11/10/2015	07.02	HT	Over Voltage
Kolhapur Mapusa I	InterState	10/10/2015	23.55	11/10/2015	07.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	11/10/2015	16.42			Continued.	HT Over Voltage
Dhule Sar'Sarovar I	InterState	11/10/2015	18.06			Continued.	HT Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44			Continued.	HT For Controlling Line Loading.
karad -kolhapur-II	IntraState	10/10/2015	16.36	11/10/2015	07.03	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/10/2015	17.15	11/10/2015	10.35	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/10/2015	17.51	11/10/2015	07.06	HT	Over Voltage
Warora-Tirora-I	IntraState	11/10/2015	14.08	11/10/2015	16.47	PO	Attending Hot Spot
karad -kolhapur-II	IntraState	11/10/2015	16.14			Continued.	HT Over Voltage
Karad - Jaigad - II	IntraState	11/10/2015	16.16			Continued.	HT Over Voltage
Bhusawal-Aurangabad	IntraState	11/10/2015	17.19			Continued.	HT Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	12/10/2015	05.05			Continued.	HT Attending Hot Spot lv ct
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.
Kalwa - Borivali	IntraState	16/08/2015	08.00	11/10/2015	15.39	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Borivali - Ghodbunder	IntraState	11/10/2015	06.54	11/10/2015	12.39	PO	Replacement work
Boisar(M) - Ghodbunder	IntraState	11/10/2015	16.01	12/10/2015	00.39	HT	To control boiser-boiserPG line loading
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 Panal
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 2	IntraState	11/10/2015	09.35	11/10/2015	19.30	PO	Annual Maintenance Work

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