

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.159	1271.164	1) Gujrat	0.532	36.689
2) Hydro	6.204	114.017	2) Madhya Pradesh	10.527	105.323
3) Gas	10.086	76.196	3) Chattisgarh	5.920	55.960
Total MSPGCL	143.449	1461.377	4) Maharashtra Net	85.068	1034.784
B) 1) APML	55.826	560.504	5) Goa	-5.836	-67.973
2) JSWEL	20.368	219.527	6) TAPS 1&2 Injection	3.511	35.444
3) VIPL	11.818	94.965	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	25.085	244.359	8) Pench (MS)	0.537	7.382
5) WPCL	5.570	54.109	9) Pench (Excess)	-0.537	-7.382
6) Other IPP	5.877	48.912	Total	99.185	1192.845
C) 1) TPCL Thermal	15.777	169.170	a) Mumbai Schedule	21.523	223.501
2) TPCL Hydro	2.258	20.807	b) Mumbai Drawl	26.250	274.068
3) TPCL Gas	4.251	30.098	c) MSEDCL Bilateral *	26.580	285.139
4) R-INFRA Thermal	10.787	113.927	Include PX	1.466	24.684
D) STATE			d) Mumbai Bilateral *	21.523	223.501
1) Thermal	278.267	2776.637	Include PX	2.931	46.542
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.462	134.824	H) ENERGY CATERED (MUs)		
3) Gas	14.337	106.294	1) MSEDCL	354.426	3668.285
4) Wind	12.524	54.669	2) Mumbai Discoms	59.326	608.075
6) SOLAR	0.974	11.086	TOTAL STATE	413.752	4276.360
TOTAL STATE	314.564	3083.510			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5640	5425	4973	4856
MSPGCL Hydro	419	347	320	389
MSPGCL Gas	415	410	427	442
MSPGCL Total Generation	6474	6182	5720	5687
Central Sector Receipt	5044	4875	4509	3229
WIND	377	392	592	1133
CPP / IPP	5455	5459	5055	4222
SOLAR	138	161	0	0
Exchange with Mumbai	-1216	-1222	-1275	-1256
MSEDCL DEMAND MET	16272	15847	14601	13015
Load Shedding	289	334	122	44
MSEDCL DEMAND	16561	16181	14723	13059
TPCL GENERATION	1160	1153	1148	700
R-INFRA GENERATION	517	515	392	393
MUMBAI DEMAND	2893	2890	2815	2349
STATE DEMAND MET	19165	18737	17416	15364
STATE DEMAND	19454	19071	17538	15408
Frequency (Hz)	49.97	49.97	49.96	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 11:32 Hrs	49.72 Hz at 05:10 Hrs	49.95	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/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	9.16	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.30	21.61	155	125
Total	3.30	30.77		
Bhusawal				
Unit 2	3.50	25.10	165	105
Unit 3	4.04	18.96	180	155
Unit 4	10.84	107.52	505	400
Unit 5	10.92	102.16	500	400
Total	29.30	253.74		
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	3.16	31.44	134	128
Unit 3	4.36	31.69	197	166
Unit 4	4.40	44.63	200	153
Unit 5	9.26	91.41	415	365
Unit 6	9.56	98.24	450	360
Unit 7	9.70	96.62	435	384
Total	40.44	394.03		
Paras				
Unit 3	5.24	51.62	230	196
Unit 4	5.78	56.42	262	210
Total	11.02	108.03		
Khaparkheda				
Unit 1	3.60	37.79	175	115
Unit 2	3.78	36.08	175	145
Unit 3	4.10	28.78	190	145
Unit 4	3.76	36.53	169	144
Unit 5	10.41	102.93	490	385
Total	25.65	242.12		
Nasik				
Unit 3	4.55	23.71	200	180
Unit 4	4.43	45.29	198	132
Unit 5	4.64	46.40	204	179
Total	13.62	115.40		
Uran				
All Units	10.09	76.20	461	322
Total	10.09	76.20		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.54	7.38	50	11
Total	0.54	7.38		
Koyna				
Stage 1-2	2.27	34.89	310	40
Stage 4	0.35	27.81	205	0
Stage 3	0.37	13.50	160	0
Total	3.00	76.20		
Hydro				
KDPH	0.74	5.91	37	18
VTRNA	0.52	4.96	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	1.07	80	0
RNGR+BHTSA	0.32	2.49	14	13
BHANDARDRA	0.44	4.35	31	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	5.01	18	17
GHATGHAR	0.68	13.97	120	0
Total	3.21	37.82		
Wind				
Total	12.52	54.67	0	0
Total	12.52	54.67		
CPP				
APML(Mus)	55.83	560.50	0	0
JSWEL(Mus)	20.37	219.53	0	0
VIPL(Mus)	11.82	94.96	0	0
RPLAMT(Mus)	25.08	244.36	0	0
WPCL(Mus)	5.57	54.11	0	0
Other(Mus)	5.88	48.91	0	0
Total	124.54	1222.38		
SOLAR				
Total	0.97	11.09	0	0
Total	0.97	11.09		
Tata				
Trombay 5	10.21	110.98	491	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	17.47	115	99
Trombay 7B	1.59	12.63	68	63
Trombay 8	5.57	58.19	251	196
TATA Hydro	2.26	20.81	255	0
Total	22.29	220.08		
R-INFRA				
1-2	10.79	113.93	517	392
Total	10.79	113.93		

Infirm Power	Chandrapur 8	3.84
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.16	1271.16
MSPGCL Thml+Gas	137.24	1347.36

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.20	114.02
MSPGCL Total	143.45	1461.38

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.62	62.70
State Total	314.56	3083.51

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Nov/2015

Annexure-2

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	5400	108	322	5830	512	4810	0	4069	4093	-1212	14034	35	14068	2300	16368	49.90
2	5274	103	363	5740	493	4784	0	3833	3922	-1017	13922	37	13959	2112	16071	49.94
3	5280	215	382	5877	462	4887	0	4087	3446	-898	13774	38	13812	1992	15804	49.96
4	5242	121	413	5776	413	5120	0	4170	3438	-807	13940	54	13994	1903	15897	49.96
5	5137	206	449	5792	306	5203	0	4205	3534	-771	14064	100	14164	1867	16031	49.88
6	5291	201	455	5947	257	5331	0	4385	4308	-738	15105	168	15273	1949	17222	49.91
7	5665	400	461	6526	222	5596	1	4308	4152	-535	15962	275	16237	2030	18267	49.90
8	5806	284	457	6547	191	5658	17	4365	4418	-689	16142	254	16396	2126	18522	49.91
9	5748	263	419	6430	157	5671	56	4532	4481	-901	15894	219	16113	2340	18453	49.92
10	5769	444	434	6647	277	5684	98	4614	4406	-1078	16034	152	16186	2591	18777	49.95
11	5685	461	424	6570	347	5530	124	4902	4766	-1182	16155	219	16374	2860	19234	49.96
12	5640	419	415	6474	377	5455	138	4992	5044	-1216	16272	289	16561	2893	19454	49.97
13	5425	347	410	6182	392	5459	161	4998	4875	-1222	15847	334	16181	2890	19071	49.97
14	5378	168	413	5959	365	5454	136	4683	4999	-1188	15725	312	16037	2831	18868	50.01
15	5382	137	412	5931	466	5449	111	4832	4620	-1204	15373	305	15678	2836	18514	49.99
16	5328	142	408	5878	491	5444	91	4993	4815	-1231	15488	206	15694	2822	18516	49.92
17	5129	137	413	5679	475	5212	36	4550	4508	-1232	14678	158	14836	2775	17611	49.93
18	4955	152	424	5531	534	5058	5	3945	3803	-1210	13721	145	13866	2704	16570	49.90
19	4973	320	427	5720	592	5055	0	4450	4509	-1275	14601	122	14723	2815	17538	49.96
20	4962	471	429	5862	771	5039	0	4621	4157	-1345	14484	158	14642	2750	17392	49.98
21	4997	363	434	5794	1025	5017	0	4610	3425	-1317	13944	110	14054	2623	16677	50.00
22	4932	186	440	5558	1129	4890	0	4213	3017	-1372	13222	89	13311	2528	15839	50.01
23	4905	167	440	5512	1137	4517	0	4162	3220	-1354	13032	50	13082	2437	15519	49.97
24	4856	389	442	5687	1133	4222	0	3768	3229	-1256	13015	44	13059	2349	15408	50.00
MUs	127.16	6.20	10.09	143.45	12.52	124.54	0.97	106.29	99.19	-26.25	354.43	3.87	358.30	59.32	417.62	49.95

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/Nov/2015

Position as on 6.30 Hrs of 11/Nov/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	
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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit 5	200	04/11/2015	07.39		Continued.	ID Fan Problem	
IPP	JSW (J) U4	300	05/11/2015	21.58		Continued.	Turbine Bearing Inspection.	
IPP	Adani U-4	660	07/11/2015	15.51		Continued.	Hot Air Outlet Leakage.	
MSPGCL	Uran Unit 5	108	08/11/2015	06.54	10/11/2015	00.48	Voltage Regulator Off	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
IPP	RPL(AMT) U-5	270	10/11/2015	10.19		Continued.	Cooling water Line leakage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Khaparkheda Unit 3	210	11/11/2015	12.30		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 11/Nov/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							
Chandrapur - Padghe HvdC Pole 2	IntraState	09/11/2015	20.43	10/11/2015	01.47	T	Converter blocked from C'Pur end
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	09/11/2015	18.10	10/11/2015	07.00	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	10/11/2015	17.06	11/11/2015	07.34	T	Over Voltage
Dhule Sar'Sarovar I	InterState	10/11/2015	17.30	11/11/2015	07.34	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/11/2015	14.17		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	11/11/2015	16.38		Continued.	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/11/2015	17.00		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	11/11/2015	17.04		Continued.	T	Over Voltage
Dabhol Nagothane I	InterState	11/11/2015	17.04		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	07/11/2015	14.41	11/11/2015	10.39	HT	Controlling Line Loading,
karad -kolhapur-II	IntraState	09/11/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/11/2015	16.04		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/11/2015	17.39	10/11/2015	06.47	HT	Over Voltage
Koradi-India Bulls	IntraState	10/11/2015	11.28	10/11/2015	22.47	PO	Changing CT Ratio of Metering and LBB Core
Girwali - Lonikand 1	IntraState	10/11/2015	14.31	10/11/2015	14.41	HT	To take Line Reactor in service
Lonikand I - Koyna stage-IV	IntraState	10/11/2015	16.57		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/11/2015	17.09	11/11/2015	07.29	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42		Continued.	EO	To attend Hot Spot
Padghe - Kalwa- I	IntraState	11/11/2015	12.36	11/11/2015	18.36	T	Distance Protection
Bhusawal-Aurangabad	IntraState	11/11/2015	17.09		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	11/11/2015	17.26	11/11/2015	17.59	T	Distance Protection
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.
Wadkhali - Ndil 2	IntraState	06/11/2015	10.45		Continued.	PO	Replacement of 220KV Panels,Bay Equipments(6 Days)
Wadkhali - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Trombay Salsette 1 Backbay	IntraState	08/11/2015	07.48	10/11/2015	04.45	PO	Modification work
Kalwa-Salsette-VI	IntraState	09/11/2015	07.28	10/11/2015	03.40	PO	Bay swapping work at Salsette
Uran - Apta IV	IntraState	10/11/2015	01.52	10/11/2015	02.14	T	Distance Protection
Kalwa-Salsette-IV	IntraState	10/11/2015	06.03	10/11/2015	06.27	HT	Current Unbalance
Uran - Apta IV	IntraState	10/11/2015	15.15	10/11/2015	19.32	PO	To change Disc Insulator
Pedambe-Pophali	IntraState	11/11/2015	09.00	11/11/2015	10.45	PO	Gas Leakage and Oil Top Up in Compressor
Boisar-Viraj	IntraState	11/11/2015	11.50	11/11/2015	14.26	T	B Phase PT Burst at consumer end and Bus Bar operated
Dahanu-Viraj	IntraState	11/11/2015	11.50	11/11/2015	14.33	T	B Phase PT Burst at consumer end and Bus Bar operated
Nagar-Babhaleshwar Ckt II	IntraState	11/11/2015	20.22	11/11/2015	20.48	T	Distance Protection
220 KV ICT Outages/Trippings							

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/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 11/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200MVA ICT II @Dhule	IntraState	10/11/2015	10.39	10/11/2015	14.59	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	11/11/2015	08.25	11/11/2015	08.43	T	Distance Protection

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