

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.746	2866.419	1) Gujrat	6.881	146.228
2) Hydro	13.366	290.228	2) Madhya Pradesh	18.197	299.278
3) Gas	10.300	210.902	3) Chattisgarh	6.130	113.300
Total MSPGCL	144.412	3367.549	4) Maharashtra Net	116.193	2504.465
B) 1) APML	56.870	1333.180	5) Goa	-8.304	-188.284
2) JSWEL	28.372	671.752	6) TAPS 1&2 Injection	3.553	85.391
3) VIPL	13.111	294.078	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.980	504.810	8) Pench (MS)	0.904	17.452
5) WPCL	4.886	111.209	9) Pench (Excess)	-0.904	-17.452
6) Other IPP	3.341	76.285	Total	141.746	2942.926
C) 1) TPCL Thermal	17.314	411.677	a) Mumbai Schedule	27.598	637.343
2) TPCL Hydro	1.527	58.641	b) Mumbai Drawl	30.077	717.763
3) TPCL Gas	2.683	94.208	c) MSEDCL Bilateral *	57.603	843.900
4) R-INFRA Thermal	12.362	278.486	Include PX	23.652	109.459
D) STATE			d) Mumbai Bilateral *	27.598	633.981
1) Thermal	274.982	6547.896	Include PX	6.925	148.419
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro (A2+C2)	14.893	348.869	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.983	305.110	1) MSEDCL	383.728	8711.443
4) Wind	2.013	100.242	2) Mumbai Discoms	63.962	1560.753
6) SOLAR	1.074	27.175	TOTAL STATE	447.690	10272.196
TOTAL STATE	305.945	7329.292			

* 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	4657	4530	4944	5309
MSPGCL Hydro	1147	1287	808	85
MSPGCL Gas	427	426	429	436
MSPGCL Total Generation	6231	6243	6181	5830
Central Sector Receipt	6993	7081	5608	5003
WIND	50	60	112	39
CPP / IPP	5188	5232	5201	5214
SOLAR	162	174	0	0
Exchange with Mumbai	-1344	-1414	-1498	-890
MSEDCL DEMAND MET	17280	17376	15604	15196
Load Shedding	489	547	170	160
MSEDCL DEMAND	17769	17923	15774	15356
TPCL GENERATION	1090	1048	933	839
R-INFRA GENERATION	509	500	516	516
MUMBAI DEMAND	2943	2962	2947	2245
STATE DEMAND MET	20223	20338	18551	17441
STATE DEMAND	20712	20885	18721	17601
Frequency (Hz)	49.91	49.96	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:01 Hrs	49.73 Hz at 11:08 Hrs	49.98	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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.66	70.27	120	85
Unit 6	0.00	0.00	0	0
Unit 7	3.57	83.14	167	140
Total	6.23	153.40		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	78.90	0	0
Unit 4	11.70	261.13	505	455
Unit 5	12.14	268.62	515	500
Total	23.84	608.66		
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	3.24	77.95	138	132
Unit 3	4.71	111.23	202	178
Unit 4	4.63	109.58	200	178
Unit 5	9.89	148.10	430	400
Unit 6	10.59	212.39	450	420
Unit 7	7.05	189.72	454	0
Total	40.11	848.97		
Paras				
Unit 3	5.02	116.19	226	191
Unit 4	5.32	118.81	245	205
Total	10.33	235.00		
Khaparkhedha				
Unit 1	3.75	78.95	180	0
Unit 2	3.78	87.77	175	135
Unit 3	4.74	90.38	208	187
Unit 4	0.00	46.49	0	0
Unit 5	10.70	228.52	480	390
Total	22.98	532.12		
Nasik				
Unit 3	4.69	109.08	200	185
Unit 4	4.44	80.36	195	165
Unit 5	4.73	110.14	202	192
Total	13.86	299.58		
Uran				
All Units	10.30	210.90	441	415
Total	10.30	210.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.90	17.45	50	20
Total	0.90	17.45		
Koyna				
Stage 1-2	3.87	99.74	425	40
Stage 4	5.76	101.82	950	0
Stage 3	1.54	41.72	320	0
Total	11.17	243.27		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.45	2.91	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	4.44	77	0
RNGR+BHTSA	0.26	3.36	11	10
BHANDARDRA	0.41	10.78	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	4.65	21	11
GHATGHAR	0.59	18.49	125	0
Total	2.20	46.96		
Wind				
Total	2.01	100.24	0	0
Total	2.01	100.24		
CPP				
APML(Mus)	56.87	1333.18	0	0
JSWEL(Mus)	28.37	671.75	0	0
VIPL(Mus)	13.11	294.08	0	0
RPLAMT(Mus)	17.98	504.81	0	0
WPCL(Mus)	4.89	111.21	0	0
Other(Mus)	3.34	76.28	0	0
Total	124.56	2991.31		
SOLAR				
Total	1.07	27.18	0	0
Total	1.07	27.18		
Tata				
Trombay 5	11.36	270.36	487	433
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.51	58.73	87	57
Trombay 7B	1.17	35.48	57	45
Trombay 8	5.96	141.31	251	246
TATA Hydro	1.53	58.64	253	98
Total	21.52	564.53		
R-INFRA				
1-2	12.36	278.49	518	500
Total	12.36	278.49		

Infirm Power	Chandrapur 8	3.38
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.75	2866.42
MSPGCL Thml+Gas	131.05	3077.32

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	13.37	290.23
MSPGCL Total	144.41	3367.55

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	9.63	201.56
State Total	305.94	7329.29

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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 SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5313	260	422	5995	93	5148	0	5455	5600	-1392	15444	132	15576	2746	18322	49.96
2	5297	80	434	5811	81	5078	0	5244	5341	-1156	15155	140	15295	2513	17808	49.95
3	5312	96	436	5844	51	5113	0	5192	5109	-996	15121	148	15269	2352	17621	49.99
4	5309	85	436	5830	39	5214	0	5125	5003	-890	15196	160	15356	2245	17601	49.99
5	5296	85	436	5817	39	5179	0	5646	5045	-832	15248	214	15462	2188	17650	50.02
6	5275	90	439	5804	58	5177	0	5802	5628	-854	15813	350	16163	2197	18360	50.00
7	5271	90	441	5802	41	5195	0	6056	6196	-875	16359	530	16889	2172	19061	49.99
8	5253	225	440	5918	35	5246	30	6086	6076	-833	16472	559	17031	2177	19208	49.95
9	5282	439	436	6157	28	5208	77	6093	6063	-964	16569	532	17101	2319	19420	49.96
10	5375	538	432	6345	42	5237	114	6480	6336	-1228	16846	474	17320	2584	19904	49.95
11	5236	725	422	6383	47	5184	148	6557	6590	-1305	17047	461	17508	2822	20330	49.98
12	4657	1147	427	6231	50	5188	162	6607	6993	-1344	17280	489	17769	2943	20712	49.91
13	4530	1287	426	6243	60	5232	174	6599	7081	-1414	17376	547	17923	2962	20885	49.96
14	4639	1211	422	6272	77	5222	140	6515	6963	-1422	17252	525	17777	2898	20675	49.99
15	4711	1525	415	6651	70	5223	97	6548	6683	-1504	17220	447	17667	2962	20629	49.99
16	4687	1551	419	6657	62	5214	86	6568	6448	-1481	16986	383	17369	2964	20333	50.00
17	4677	897	419	5993	111	5224	38	6304	6522	-1488	16400	399	16799	2947	19746	49.98
18	4759	618	422	5799	115	5217	8	5507	5512	-1430	15221	316	15537	2877	18414	49.95
19	4858	840	426	6124	102	5218	0	5560	5530	-1500	15474	137	15611	2940	18551	50.00
20	4944	808	429	6181	112	5201	0	5745	5608	-1498	15604	170	15774	2947	18721	50.00
21	5032	251	429	5712	145	5202	0	5814	5397	-1405	15051	174	15225	2869	18094	50.02
22	5058	174	430	5662	164	5151	0	5713	5297	-1426	14848	156	15004	2784	17788	50.03
23	4990	110	430	5530	196	5169	0	5611	5246	-1401	14740	99	14839	2764	17603	49.93
24	4985	234	432	5651	195	5120	0	5511	5479	-1439	15006	95	15101	2791	17892	49.98
MUs	120.75	13.37	10.30	144.41	2.01	124.56	1.07	142.34	141.75	-30.08	383.73	7.64	391.36	63.96	455.33	49.98

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/Oct/2015

Position as on 6.30 Hrs of 25/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	
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	
MSPGCL	Bhusawal Unit 3	210	21/10/2015	09.24	25/10/2015	01.36	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	21/10/2015	20.49		Continued.	ESP Problem.	
MSPGCL	Khaparkheda Unit 4	210	22/10/2015	12.58		Continued.	Turbine Vibration High.	
IPP	RPL(AMT) U-2	270	23/10/2015	10.58	25/10/2015	09.43	Coal Shortage	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Chandrapur Unit 7	500	24/10/2015	11.03	24/10/2015	17.29	Generator vibration high	
MSPGCL	Khaparkheda Unit 1	210	24/10/2015	11.24	24/10/2015	13.05	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	24/10/2015	12.34		Continued.	clenkar formation in boiler	
MSPGCL	Koyna Unit 3	75	24/10/2015	12.35	25/10/2015	18.05	Maintenance work	
MSPGCL	Bhusawal Unit 3	210	25/10/2015	05.37	25/10/2015	07.24	Low Forward Power Protection.	

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

Position as on 6.30 Hrs of 25/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	25/10/2015	07.29		Continued.	Drum level low	
MSPGCL	Ghatghar Unit-1	125	25/10/2015	11.00		Continued.	Battery maintenance work	
MSPGCL	Ghatghar Unit-2	125	25/10/2015	11.00		Continued.	Battery maintenance work	
IPP	RPL(AMT) U-4	270	25/10/2015	15.23		Continued.	Water Tube Leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 25/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							
Dhule Sar'Sarovar I	InterState	23/10/2015	21.23	24/10/2015	07.20	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	24/10/2015	16.30	24/10/2015	19.02	EO	Attending Hot Spot
Kolhapur Mapusa I	InterState	24/10/2015	21.27	25/10/2015	07.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/10/2015	21.31	25/10/2015	07.00	HT	Over Voltage
Kolhapur Mapusa I	InterState	25/10/2015	16.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	25/10/2015	18.12		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	16/10/2015	08.09	25/10/2015	19.09	HT	Controlling BBLR ICT Loading
karad -kolhapur-II	IntraState	23/10/2015	16.32	24/10/2015	06.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/10/2015	16.36	24/10/2015	06.39	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/10/2015	18.05	24/10/2015	06.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/10/2015	19.43	24/10/2015	12.32	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/10/2015	05.50	24/10/2015	12.32	PO	Insulator Replacement Work
karad -kolhapur-II	IntraState	24/10/2015	16.34	25/10/2015	06.50	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/10/2015	18.06	25/10/2015	06.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/10/2015	20.47	25/10/2015	09.00	HT	Over Voltage
karad -kolhapur-I	IntraState	25/10/2015	16.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	25/10/2015	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/10/2015	17.42		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling Line Loading.
Lonikand I - Koyna stage-IV	IntraState	25/10/2015	22.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	24/10/2015	09.45	24/10/2015	12.47	PO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	24/10/2015	16.33		Continued.	PO	Annual 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.
Nagothane - MSL	IntraState	13/10/2015	16.44		Continued.	T	Distance Protection
Bableswhar- Alephata	IntraState	23/10/2015	23.13	24/10/2015	17.13	HT	control ict o/l at bblr
Bableswhar- Ranjangaon	IntraState	24/10/2015	05.35	24/10/2015	17.08	HT	control ict o/l at bblr
Parvati - Hybrid Pass	IntraState	24/10/2015	07.22	24/10/2015	16.56	HT	control ict o/l at bblr
Mahape - TIFIL	IntraState	24/10/2015	07.56	24/10/2015	12.24	PO	Attending Hot Spot
Mumewadi -Halkarni I	IntraState	24/10/2015	08.49	24/10/2015	15.35	PO	Insulator clening Work
TBC @ Magarpatta	IntraState	24/10/2015	09.10	24/10/2015	11.30	PO	Annual Maintenance Work
Jambhul - Pal	IntraState	24/10/2015	09.13	24/10/2015	11.12	PO	Attending Hot Spot
Nagar-Bose I	IntraState	24/10/2015	10.40	24/10/2015	13.44	PO	Quarterly Maintainance Work
Borivali - Ghodbunder	IntraState	24/10/2015	17.00	24/10/2015	18.55	EO	Attending Hot Spot
Kalwa-Salsette-IV	IntraState	25/10/2015	05.54		Continued.	PO	cvt replacement at salsete end
Kalwa-Salsette-VI	IntraState	25/10/2015	08.12	25/10/2015	16.13	PO	CVT Replacement Work @ Salsette End.

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 24/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 25/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Versova Gorai Line	IntraState	25/10/2015	08.49	25/10/2015	19.00	PO	CT CVT Junction Work.
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
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	24/10/2015	09.34	24/10/2015	20.23	PO	Attending Oil Leakage
220/33kV 125 MVA Transformer 2 @Gorai R/S	IntraState	24/10/2015	10.22	24/10/2015	16.29	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	25/10/2015	05.59	25/10/2015	06.24	T	Distance Protection R Phase-E.
110 KV LINE Outages/Trippings							
Tata Borivli MSETCL Borivli 1	IntraState	24/10/2015	09.32	24/10/2015	20.25	PO	borivali ict outage
Tata Borivli MSETCL Borivli 2	IntraState	24/10/2015	09.33	24/10/2015	20.27	PO	borivali ict outage

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