

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.566	1775.150	1) Gujrat	2.848	86.670
2) Hydro	23.803	157.169	2) Madhya Pradesh	13.682	173.383
3) Gas	9.546	126.721	3) Chattisgarh	5.090	64.120
Total MSPGCL	149.915	2059.040	4) Maharashtra Net	109.515	1493.544
B) 1) APML	57.130	826.540	5) Goa	-8.615	-114.631
2) JSWEL	29.283	418.202	6) TAPS 1&2 Injection	3.574	53.250
3) VIPL	13.104	178.668	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	24.050	309.990	8) Pench (MS)	1.004	9.247
5) WPCL	4.868	67.800	9) Pench (Excess)	-1.004	-9.247
6) Other IPP	3.312	45.912	Total	125.090	1747.089
C) 1) TPCL Thermal	17.584	253.820	a) Mumbai Schedule	29.416	388.546
2) TPCL Hydro	3.176	35.966	b) Mumbai Drawl	32.534	445.754
3) TPCL Gas	4.007	61.919	c) MSEDCL Bilateral *	33.560	443.307
4) R-INFRA Thermal	12.364	167.413	Include PX	2.304	2.138
D) STATE			d) Mumbai Bilateral *	29.416	385.184
1) Thermal	278.261	4043.495	Include PX	8.175	85.046
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	26.979	193.135	H) ENERGY CATERED (MUs)		
3) Gas	13.553	188.640	1) MSEDCL	378.640	5295.450
4) Wind	3.141	71.244	2) Mumbai Discoms	69.665	964.858
6) SOLAR	1.281	16.719	TOTAL STATE	448.305	6260.308
TOTAL STATE	323.215	4513.233			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5012	5121	4538	4909
MSPGCL Hydro	1405	1541	1517	190
MSPGCL Gas	414	402	420	313
MSPGCL Total Generation	6831	7064	6475	5412
Central Sector Receipt	6267	5543	5121	4617
WIND	79	139	109	70
CPP / IPP	5505	5550	5474	5470
SOLAR	150	155	0	0
Exchange with Mumbai	-1573	-1661	-1647	-852
MSEDCL DEMAND MET	17259	16790	15532	14717
Load Shedding	350	488	401	36
MSEDCL DEMAND	17609	17278	15933	14753
TPCL GENERATION	1166	1204	1161	868
R-INFRA GENERATION	509	514	515	516
MUMBAI DEMAND	3248	3379	3323	2236
STATE DEMAND MET	20507	20169	18855	16953
STATE DEMAND	20857	20657	19256	16989
Frequency (Hz)	50.00	50.14	50.07	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.02 Hrs	49.74 Hz at 16.46 Hrs	50.06	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 15/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.73	45.49	130	100
Unit 6	0.00	0.00	0	0
Unit 7	3.93	51.22	178	145
Total	6.66	96.71		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.92	58.30	170	155
Unit 4	11.19	159.87	490	440
Unit 5	11.52	165.26	510	430
Total	26.64	383.42		
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	3.25	48.88	142	127
Unit 3	4.70	69.05	199	186
Unit 4	4.65	68.26	200	181
Unit 5	7.06	100.33	425	278
Unit 6	10.34	118.31	450	400
Unit 7	0.00	130.73	0	0
Total	30.01	535.57		
Paras				
Unit 3	5.21	69.43	227	195
Unit 4	5.26	69.32	241	204
Total	10.47	138.75		
Khaparkheda				
Unit 1	3.48	45.52	160	125
Unit 2	3.50	53.04	160	125
Unit 3	3.79	59.09	168	150
Unit 4	2.60	38.61	152	0
Unit 5	9.32	136.45	405	360
Total	22.69	332.71		
Nasik				
Unit 3	4.52	67.12	200	175
Unit 4	4.44	39.46	194	167
Unit 5	4.53	68.38	196	179
Total	13.49	174.96		
Uran				
All Units	9.55	126.72	436	283
Total	9.55	126.72		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	1.00	9.25	50	22
Total	1.00	9.25		
Koyna				
Stage 1-2	7.04	54.19	535	50
Stage 4	11.68	51.94	920	0
Stage 3	3.99	21.51	320	0
Total	22.71	127.65		
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.	0.23	2.76	80	0
RNGR+BHTSA	0.26	1.03	11	11
BHANDARDRA	0.45	6.75	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	3.03	13	3
GHATGHAR	0.00	13.36	0	0
Total	1.09	29.52		
Wind				
Total	3.14	71.24	0	0
Total	3.14	71.24		
CPP				
APML(Mus)	57.13	826.54	0	0
JSWEL(Mus)	29.28	418.20	0	0
VIPL(Mus)	13.10	178.67	0	0
RPLAMT(Mus)	24.05	309.99	0	0
WPCL(Mus)	4.87	67.80	0	0
Other(Mus)	3.31	45.91	0	0
Total	131.75	1847.11		
SOLAR				
Total	1.28	16.72	0	0
Total	1.28	16.72		
Tata				
Trombay 5	11.67	165.85	490	468
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	38.72	115	79
Trombay 7B	1.52	23.20	68	56
Trombay 8	5.92	87.97	249	241
TATA Hydro	3.18	35.97	398	0
Total	24.77	351.70		
R-INFRA				
1-2	12.36	167.41	518	509
Total	12.36	167.41		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.57	1775.15
MSPGCL Thml+Gas	126.11	1901.87

Koradi 8	6.60	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.80	157.17
MSPGCL Total	149.92	2059.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.73	106.13
State Total	323.22	4513.23

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 15/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	4919	766	283	5968	58	5425	0	4808	4976	-1319	15108	46	15154	2755	17909	50.02
2	4894	764	283	5941	82	5456	0	4599	4567	-1063	14983	37	15020	2499	17519	50.05
3	4866	519	301	5686	72	5488	0	4560	4484	-971	14759	40	14799	2353	17152	50.12
4	4909	190	313	5412	70	5470	0	4586	4617	-852	14717	36	14753	2236	16989	50.08
5	4882	99	402	5383	75	5482	0	4599	4862	-744	15058	55	15113	2141	17254	49.95
6	4873	681	432	5986	90	5484	0	4702	4565	-788	15337	218	15555	2182	17737	50.14
7	4938	853	435	6226	100	5531	1	5231	5019	-849	16028	386	16414	2237	18651	50.10
8	4938	1268	436	6642	148	5518	33	5377	5483	-935	16889	380	17269	2329	19598	50.13
9	5015	1079	428	6522	89	5496	92	5578	5354	-1198	16355	374	16729	2630	19359	50.02
10	5027	886	422	6335	71	5505	119	5831	6066	-1523	16573	317	16890	3000	19890	50.00
11	5012	1405	414	6831	79	5505	150	5722	6267	-1573	17259	350	17609	3248	20857	50.00
12	5019	1678	382	7079	98	5519	189	5483	5380	-1588	16677	515	17192	3343	20535	50.10
13	5025	1481	410	6916	173	5450	171	5419	5338	-1582	16466	643	17109	3365	20474	50.14
14	5059	1219	403	6681	133	5531	185	5341	5431	-1561	16400	613	17013	3305	20318	50.13
15	5121	1541	402	7064	139	5550	155	5421	5543	-1661	16790	488	17278	3379	20657	50.14
16	5111	1787	408	7306	172	5557	105	5421	5251	-1619	16772	388	17160	3380	20540	50.05
17	5007	1422	409	6838	166	5529	59	5431	5366	-1644	16314	426	16740	3377	20117	50.11
18	4868	340	418	5626	157	5566	18	5339	5227	-1625	14969	393	15362	3293	18655	49.88
19	4534	1491	420	6445	102	5472	4	5204	5223	-1629	15617	275	15892	3334	19226	50.02
20	4538	1517	420	6475	109	5474	0	5276	5121	-1647	15532	401	15933	3323	19256	50.07
21	4510	1231	427	6168	138	5468	0	5357	5353	-1650	15477	140	15617	3143	18760	50.12
22	4452	822	432	5706	203	5398	0	5310	5152	-1571	14888	94	14982	3005	17987	50.06
23	4503	262	432	5197	269	5480	0	5276	5218	-1490	14674	30	14704	2921	17625	50.01
24	4546	502	434	5482	348	5393	0	5094	5227	-1452	14998	30	15028	2887	17915	50.05
MUs	116.57	23.80	9.55	149.92	3.14	131.75	1.28	124.97	125.09	-32.53	378.64	6.68	385.32	69.67	454.98	50.06

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 15/Oct/2015

Position as on 6.30 Hrs of 16/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	
CPP	WPCL U-4	135	10/10/2015	05.25		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	12/10/2015	18.56		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	13/10/2015	11.24	15/10/2015	02.15	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	14/10/2015	22.13		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkhedda Unit 4	210	15/10/2015	17.27		Continued.	Turbine Problem Bearing Vibration High.	
MSPGCL	Chandrapur Unit 5	500	15/10/2015	18.05		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 16/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							
Chandrapur II - Dhariwal -I	InterState	08/10/2015	10.52		Continued.	PO	Tree Cutting Work.
Kolhapur Mapusa I	InterState	14/10/2015	17.04	15/10/2015	07.12	HT	Over Voltage
Wardha (Pg) Warora I	InterState	14/10/2015	18.38	15/10/2015	03.19	T	Tripped from Warora end only PLCC problem
Dhule Sar'Sarovar I	InterState	14/10/2015	19.34	15/10/2015	06.49	HT	Over Voltage
Padgha Tarapur II	InterState	15/10/2015	01.43	15/10/2015	03.35	T	Tripped at Tarapur end only
Padgha Tarapur II	InterState	15/10/2015	04.21	15/10/2015	05.19	T	Tripped at Tarapur end only
Wardha (Pg) Warora I	InterState	15/10/2015	14.14	15/10/2015	19.40	T	Master Tripped,Carirer Fail.
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
New Koyna - Dabhol - li	IntraState	13/10/2015	18.04	15/10/2015	17.56	T	Distance Protection
Nagothane - Dabhol-II	IntraState	14/10/2015	12.37		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	14/10/2015	17.12	15/10/2015	08.12	HT	Over Voltage
Nagothane - Dabhol I	IntraState	15/10/2015	14.07	15/10/2015	14.29	T	Distance Protection
karad -kolhapur-II	IntraState	15/10/2015	16.10		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/10/2015	17.03		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	15/10/2015	17.31	15/10/2015	19.57	T	Dist.Prot. Earth Wire Snapped.
Bhusawal-Aurangabad	IntraState	15/10/2015	20.25	16/10/2015	06.25	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	14/10/2015	23.09	15/10/2015	16.05	EO	Shifted on TBC to Attend Hot Spot.
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
Mahindra Vehicle-Bridgestone	IntraState	15/10/2015	09.15	15/10/2015	16.50	PO	Half Yearly Maint.Work.
Mumewadi-Belewadi	IntraState	15/10/2015	10.08	15/10/2015	12.30	PO	Annual Maintenance Work
Bhugaon-Pusad	IntraState	15/10/2015	11.25	15/10/2015	11.39	T	Distance Protection Operated Zone-I.
Ghodbunder MSETCL Borivali line	IntraState	15/10/2015	11.34	15/10/2015	11.56	T	From Ghodbunder End Only.
Ghodbunder MSETCL Boisar line	IntraState	15/10/2015	11.34	15/10/2015	16.40	T	Differential protection
Umred-Kanhan 2	IntraState	15/10/2015	11.42	15/10/2015	14.38	PO	Replacement of Y Ph Suspension String.
Pedambe-Nerle	IntraState	15/10/2015	11.46	15/10/2015	12.10	T	Distance Protection
Ranjangaon-Fiat 2	IntraState	15/10/2015	12.09	15/10/2015	14.30	PO	For Checking Isolator Alignment Work.
Vsni-512 Khadki	IntraState	15/10/2015	14.28	15/10/2015	17.42	PO	Half Yearly Maint.Work.
Pargaon(Kathapur)-Lonikand	IntraState	15/10/2015	17.35	15/10/2015	21:51	EO	Attending Hot Spot
Kalwa Salsette III	IntraState	16/10/2015	00.10	16/10/2015	00.41	T	Tripped only Salsette End Only.
Kalwa-Salsette-IV	IntraState	16/10/2015	00.10		Continued.	T	Due to CVT Burst R Ph (Bus Fault @ 220KV Salsette Side).
Kalwa-Salsette-VI	IntraState	16/10/2015	00.10	16/10/2015	00.41	T	Tripped only Salsette End Only.
Kalwa-Salsette-VI	IntraState	16/10/2015	05.50	16/10/2015	06.38	PO	For Extending the Line CVT Connection to Kalwa-Salsette-IV line.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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 15/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	15/10/2015	10.30	15/10/2015	12.30	PO	Dignostic Testing.
132 KV LINE Outages/Trippings							
Sakikheda - parli I	IntraState	15/10/2015	06.35	15/10/2015	13.20	T	Distance Protection Operated Zone-I Jumper Broken.
Pusad-Jambazar	IntraState	15/10/2015	11.25	15/10/2015	11.41	T	LTS Operated.
Pusad-Gunj	IntraState	15/10/2015	11.25	15/10/2015	11.41	T	LTS Operated.
Pusad-Umarkhed	IntraState	15/10/2015	11.25	15/10/2015	11.40	T	LTS Operated.