

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Oct/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.645	3631.031	1) Gujrat	8.487	190.797
2) Hydro	9.574	352.321	2) Madhya Pradesh	8.559	383.744
3) Gas	5.027	262.454	3) Chattisgarh	4.310	144.440
Total MSPGCL	154.246	4245.806	4) Maharashtra Net	98.348	3175.151
B) 1) APML	56.005	1658.124	5) Goa	-8.221	-234.377
2) JSWEL	28.363	842.321	6) TAPS 1&2 Injection	3.564	106.771
3) VIPL	10.557	363.952	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.080	622.770	8) Pench (MS)	0.857	22.259
5) WPCL	5.492	141.671	9) Pench (Excess)	-0.857	-22.259
6) Other IPP	3.609	95.905	Total	114.190	3744.267
C) 1) TPCL Thermal	15.829	512.376	a) Mumbai Schedule	26.244	798.854
2) TPCL Hydro	2.129	72.358	b) Mumbai Drawl	33.378	899.257
3) TPCL Gas	2.566	113.931	c) MSEDCL Bilateral *	39.071	1140.287
4) R-INFRA Thermal	8.848	347.023	Include PX	6.320	202.511
D) STATE			d) Mumbai Bilateral *	26.244	795.492
1) Thermal	288.428	8215.173	Include PX	8.495	197.873
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.363
2) Hydro	11.703	424.679	H) ENERGY CATERED (MUs)		
3) Gas	7.593	376.385	1) MSEDCL	366.523	10969.089
4) Wind	6.202	120.739	2) Mumbai Discoms	62.747	1944.921
6) SOLAR	1.157	32.791	TOTAL STATE	429.270	12914.010
TOTAL STATE	315.083	9169.767			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6170	5896	5851	5872
MSPGCL Hydro	573	340	755	435
MSPGCL Gas	147	147	150	153
MSPGCL Total Generation	6890	6383	6756	6460
Central Sector Receipt	5488	5716	4719	4105
WIND	103	32	258	338
CPP / IPP	5658	5611	5271	4349
SOLAR	173	140	0	0
Exchange with Mumbai	-1659	-1645	-1538	-1420
MSEDCL DEMAND MET	16653	16237	15466	13832
Load Shedding	372	335	253	122
MSEDCL DEMAND	17025	16572	15719	13954
TPCL GENERATION	1159	1016	982	713
R-INFRA GENERATION	258	380	518	432
MUMBAI DEMAND	3076	3041	3038	2565
STATE DEMAND MET	19729	19278	18504	16397
STATE DEMAND	20101	19613	18757	16519
Frequency (Hz)	50.01	49.97	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.03 Hrs	49.76 Hz at 18.05 Hrs	49.99	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 30/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.74	86.76	120	110
Unit 6	0.00	0.00	0	0
Unit 7	4.02	105.86	180	160
Total	6.76	192.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	91.58	180	155
Unit 4	10.55	328.08	500	380
Unit 5	10.31	337.06	510	380
Total	24.92	756.74		
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	3.14	96.59	136	121
Unit 3	4.44	138.18	200	173
Unit 4	4.51	136.94	205	174
Unit 5	9.38	205.88	430	300
Unit 6	9.92	273.53	440	390
Unit 7	10.32	251.50	448	409
Total	41.71	1102.63		
Paras				
Unit 3	4.82	146.58	225	157
Unit 4	5.35	151.36	238	200
Total	10.17	297.94		
Khaparkheda				
Unit 1	3.54	102.06	165	110
Unit 2	3.80	111.00	180	135
Unit 3	4.20	115.46	191	162
Unit 4	2.44	53.58	155	0
Unit 5	10.18	290.09	500	375
Total	24.16	672.19		
Nasik				
Unit 3	4.62	136.76	200	185
Unit 4	4.20	106.28	182	150
Unit 5	4.58	137.88	199	180
Total	13.40	380.92		
Uran				
All Units	5.03	262.45	300	147
Total	5.03	262.45		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.86	22.26	50	11
Total	0.86	22.26		
Koyna				
Stage 1-2	1.88	118.74	310	40
Stage 4	3.49	121.98	490	0
Stage 3	0.98	49.77	128	0
Total	6.35	290.49		
Hydro				
KDPH	0.74	5.23	37	18
VTRNA	0.47	5.08	61	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	5.10	67	0
RNGR+BHTSA	0.38	4.79	16	15
BHANDARDRA	0.44	13.45	29	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	7.35	23	13
GHATGHAR	0.71	20.78	210	0
Total	3.22	61.83		
Wind				
Total	6.20	120.74	0	0
Total	6.20	120.74		
CPP				
APML(Mus)	56.00	1658.12	0	0
JSWEL(Mus)	28.36	842.32	0	0
VIPL(Mus)	10.56	363.95	0	0
RPLAMT(Mus)	20.08	622.77	0	0
WPCL(Mus)	5.49	141.67	0	0
Other(Mus)	3.61	95.90	0	0
Total	124.11	3724.74		
SOLAR				
Total	1.16	32.79	0	0
Total	1.16	32.79		
Tata				
Trombay 5	10.15	335.85	493	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.44	70.68	75	50
Trombay 7B	1.13	43.25	54	40
Trombay 8	5.68	176.52	251	201
TATA Hydro	2.13	72.36	294	6
Total	20.52	698.66		
R-INFRA				
1-2	8.85	347.02	518	200
Total	8.85	347.02		

Infirm Power	Chandrapur 8	8.02
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	139.64	3631.03
MSPGCL Thml+Gas	144.67	3893.48

Koradi 8	10.50	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.57	352.32
MSPGCL Total	154.25	4245.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.37	240.72
State Total	315.08	9169.77

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	5506	193	299	5998	269	5160	0	4601	4820	-1347	14900	99	14999	2370	17369	49.97
2	5571	188	300	6059	266	5003	0	4264	4472	-1137	14663	200	14863	2194	17057	50.01
3	5697	178	300	6175	364	5099	0	4119	4261	-948	14951	250	15201	2012	17213	50.01
4	5711	178	300	6189	557	5122	0	4076	3563	-884	14547	256	14803	1972	16775	50.01
5	5639	114	299	6052	516	4923	0	4088	4047	-1041	14497	316	14813	1942	16755	49.94
6	5706	370	299	6375	525	4848	0	4406	4546	-1112	15182	386	15568	1957	17525	49.95
7	5773	293	300	6366	526	5050	0	4872	4956	-1210	15688	515	16203	2037	18240	49.91
8	5783	257	299	6339	411	5109	25	4937	5174	-1165	15893	535	16428	2135	18563	49.99
9	5687	391	294	6372	259	5136	71	5127	5220	-1324	15734	490	16224	2403	18627	49.99
10	6051	573	247	6871	188	5506	127	5324	5109	-1535	16266	406	16672	2718	19390	50.02
11	6098	539	148	6785	111	5631	140	5388	5298	-1622	16343	323	16666	3011	19677	49.93
12	6170	573	147	6890	103	5658	173	5469	5488	-1659	16653	372	17025	3076	20101	50.01
13	6055	424	148	6627	65	5604	165	5565	5145	-1662	15944	411	16355	3077	19432	50.02
14	5943	359	147	6449	50	5594	163	5510	5319	-1605	15970	401	16371	2987	19358	50.08
15	5896	340	147	6383	32	5611	140	5699	5716	-1645	16237	335	16572	3041	19613	49.97
16	5790	440	147	6377	35	5597	102	5703	5415	-1571	15955	276	16231	3075	19306	49.94
17	5933	304	149	6386	71	5582	46	5322	5311	-1573	15823	267	16090	3078	19168	49.94
18	5770	169	150	6089	178	5398	5	4600	4508	-1568	14610	246	14856	3060	17916	49.93
19	5589	550	150	6289	222	5299	0	4769	4414	-1586	14638	189	14827	3064	17891	50.01
20	5851	755	150	6756	258	5271	0	5013	4719	-1538	15466	253	15719	3038	18757	50.04
21	5832	662	151	6645	213	4886	0	4893	4394	-1456	14682	215	14897	2805	17702	50.01
22	5852	682	151	6685	253	4415	0	4295	3842	-1305	13890	157	14047	2655	16702	50.03
23	5872	435	153	6460	338	4349	0	4524	4105	-1420	13832	122	13954	2565	16519	50.01
24	5870	607	152	6629	392	4255	0	4490	4350	-1465	14161	118	14279	2478	16757	50.02
MUs	139.65	9.57	5.03	154.25	6.20	124.11	1.16	117.05	114.19	-33.38	366.53	7.14	373.66	62.75	436.41	49.99

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 30/Oct/2015

Position as on 6.30 Hrs of 31/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	31/10/2015	05.47	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	23/10/2015	17.31		Continued.	ESP filter problem	
IPP	Adani U-3	660	27/10/2015	09.48		Continued.	Excitation Tranf. Abnormal Sound.	
MSPGCL	Uran Unit 5	108	28/10/2015	10.56		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	29/10/2015	22.39	30/10/2015	00.51	M.S.Temp.Low.	
RINFRA-G	REL Unit 2	250	30/10/2015	04.11	30/10/2015	13.45	Turbine Vibration Problem..	
MSPGCL	Uran Unit B0	120	30/10/2015	09.35		Continued.	Gas Turbine Problem.	
MSPGCL	Uran Unit 8	108	30/10/2015	09.35		Continued.	Gas Turbine Problem.	
MSPGCL	Khaparkheda Unit 4	210	30/10/2015	12.12	30/10/2015	17.50	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 31/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							
Kolhapur Mapusa I	InterState	29/10/2015	16.44	30/10/2015	06.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/10/2015	20.07	30/10/2015	06.52	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	30/10/2015	12.32	30/10/2015	12.53	HT	For Availing Bus-2 Outage @ Aurangabad.
Waluj Aurangabad(PG) II	InterState	30/10/2015	12.42	30/10/2015	12.50	HT	For Availing Bus-2 Outage @ Aurangabad.
Parli(MS)-Parli (PG) I	InterState	30/10/2015	19.10	31/10/2015	00.36	T	Reactor of Lonikand-2 Line Burst @ Parli S/S.
Parli(MS)-Parli (PG) II	InterState	30/10/2015	19.10	30/10/2015	20.44	T	Reactor of Lonikand-2 Line Burst @ Parli S/S.
Waluj Aurangabad(PG) II	InterState	31/10/2015	03.03	31/10/2015	06.28	HT	Due to Trip Coil Burn.
Kolhapur Mapusa I	InterState	31/10/2015	03.08	31/10/2015	06.51	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	25/10/2015	19.26		Continued.	HT	Controlling BBLR ICT Loading.
Karad - Lonikand 1	IntraState	27/10/2015	10.13		Continued.	PO	Tower repalcement work.
Karad-Jaigad - I	IntraState	29/10/2015	16.33	30/10/2015	06.45	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/10/2015	17.43	30/10/2015	09.42	HT	Over Voltage
karad -kolhapur-II	IntraState	29/10/2015	20.36	30/10/2015	06.40	HT	Over Voltage
Chandrapur-Parali III	IntraState	30/10/2015	09.38	31/10/2015	00.24	PO	For Fixing & Replacement of Broken Spacer Cum Vibration Dampers.
Main Bus-II @ Aurangabad	IntraState	30/10/2015	12.58	30/10/2015	20.41	PO	Replacement of 898 R Ph Scissor Assembly & PG Isolator Alignment.
Padghe - Talegaon (PG)	IntraState	30/10/2015	13.00	30/10/2015	19.57	T	R Ph WT Insulator String Burst.
Padghe - Nagothane - II	IntraState	30/10/2015	15.05	30/10/2015	17.58	PO	Line Signature Ananlsis.
karad -kolhapur-I	IntraState	30/10/2015	16.35		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/10/2015	16.39		Continued.	HT	Over Voltage
Chandrapur-Parali 2	IntraState	30/10/2015	19.10	30/10/2015	19.29	T	Reactor of Lonikand-2 Line Burst @ Parli S/S.
Girwali- Lonikand 2	IntraState	30/10/2015	19.10		Continued.	T	Reactor of Lonikand-2 Line Burst @ Parli S/S.
Girwali - Lonikand 1	IntraState	30/10/2015	19.34	31/10/2015	00.10	HT	Reactor of Lonikand-2 Line Burst @ Parli S/S.
Bhusawal-Aurangabad	IntraState	30/10/2015	20.17		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	30/10/2015	11.57	30/10/2015	17.26	HT	For Outage on Padgha-Nalasopara Line.
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
Parli 3 (Old Gcr)-Osmanabad	IntraState	30/10/2015	07.20	30/10/2015	13.30	PO	Measurment of Tan Delta of CT's & CC's.
Nashik-Padgha	IntraState	30/10/2015	07.59	30/10/2015	18.34	PO	Line Maintenance work
Kandalgaon - ONGC Panvel	IntraState	30/10/2015	09.35	30/10/2015	10.10	PO	C B Maint.Work,Line Maint.Work.
Karad -Mudshingi Ckt- IV	IntraState	30/10/2015	10.03	30/10/2015	16.17	PO	A.M.Work.
Osmanabad - Barshi	IntraState	30/10/2015	10.44	30/10/2015	13.36	PO	Measurment of Tan Delta of CT's & CC's.
Padghe - Wada	IntraState	30/10/2015	10.58	30/10/2015	16.59	EO	Attending Hot Spot
Midc Chandrapur-Gadchandur	IntraState	30/10/2015	11.20	30/10/2015	11.50	T	Bus Bar Protection Operated

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 30/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 31/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chalisgaon -Babhaleshwar	IntraState	30/10/2015	11.54	30/10/2015	16.05	PO	Re-Orientation Work.
Padghe - Nalasopara	IntraState	30/10/2015	12.00	30/10/2015	17.27	EO	Attending Hot Spot
Gadchandur - Grace	IntraState	30/10/2015	12.10	30/10/2015	18.58	PO	Replacement of Y Ph CT.
Paranda Tap Osmanabad - Barshi	IntraState	30/10/2015	13.42	30/10/2015	15.32	PO	Measurment of Tan Delta of CT's & CC's.
Gadchandur - Virur-I	IntraState	30/10/2015	21.26	30/10/2015	21.45	T	Distance Protection Operated Zone-2.
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
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	29/10/2015	18.06	30/10/2015	00.14	PO	Measurment of Tan Delta of ICT Bushing.SFRA Test of ICT.

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