

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Nov/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.924	1734.335	1) Gujrat	-0.073	37.186
2) Hydro	7.019	139.638	2) Madhya Pradesh	8.342	138.789
3) Gas	10.417	117.447	3) Chattisgarh	6.050	78.790
Total MSPGCL	136.360	1991.420	4) Maharashtra Net	76.595	1305.357
B) 1) APLM	49.064	759.639	5) Goa	-6.767	-92.922
2) JSWEL	18.343	291.763	6) TAPS 1&2 Injection	3.521	49.455
3) VIPL	10.147	135.573	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.791	328.995	8) Pench (MS)	0.620	9.441
5) WPCL	4.363	70.706	9) Pench (Excess)	-0.620	-9.441
6) Other IPP	6.332	74.977	Total	87.048	1507.214
C) 1) TPCL Thermal	13.123	221.824	a) Mumbai Schedule	16.934	290.868
2) TPCL Hydro	2.009	26.298	b) Mumbai Drawl	23.930	368.720
3) TPCL Gas	4.220	47.055	c) MSEDCL Bilateral *	17.754	346.385
4) R-INFRA Thermal	9.800	152.241	Include PX	-4.122	13.015
D) STATE			d) Mumbai Bilateral *	16.934	290.868
1) Thermal	253.887	3770.053	Include PX	1.087	52.484
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.028	165.936	H) ENERGY CATERED (MUs)		
3) Gas	14.637	164.502	1) MSEDCL	321.752	4920.128
4) Wind	9.024	112.739	2) Mumbai Discoms	53.079	816.140
6) SOLAR	1.210	15.822	TOTAL STATE	374.831	5736.268
TOTAL STATE	287.786	4229.052			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5190	5150	4991	4843
MSPGCL Hydro	362	140	470	151
MSPGCL Gas	420	416	424	452
MSPGCL Total Generation	5972	5706	5885	5446
Central Sector Receipt	4276	3924	4223	2510
WIND	658	817	82	439
CPP / IPP	5005	5162	4853	4324
SOLAR	143	194	0	0
Exchange with Mumbai	-891	-1056	-1280	-720
MSEDCL DEMAND MET	15163	14747	13763	11999
Load Shedding	38	40	12	20
MSEDCL DEMAND	15201	14787	13775	12019
TPCL GENERATION	1033	1002	847	696
R-INFRA GENERATION	407	401	401	402
MUMBAI DEMAND	2331	2459	2528	1818
STATE DEMAND MET	17494	17206	16291	13817
STATE DEMAND	17532	17246	16303	13837
Frequency (Hz)	49.97	50.00	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:02 Hrs	49.68 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 14/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	3.93	36.73	173	155
Total	3.93	45.90		
Bhusawal				
Unit 2	3.87	40.38	170	155
Unit 3	4.18	35.44	180	170
Unit 4	10.54	148.40	500	415
Unit 5	10.55	143.06	500	410
Total	29.14	367.28		
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	3.05	43.93	132	119
Unit 3	4.22	48.50	181	169
Unit 4	4.22	61.43	190	165
Unit 5	9.05	127.54	390	364
Unit 6	8.89	134.20	390	350
Unit 7	9.77	135.27	412	402
Total	39.19	550.87		
Paras				
Unit 3	5.03	71.82	230	200
Unit 4	5.15	77.18	255	203
Total	10.17	149.00		
Khaparkheda				
Unit 1	3.62	51.72	165	120
Unit 2	3.88	50.84	180	150
Unit 3	4.02	36.55	175	143
Unit 4	2.39	46.28	170	0
Unit 5	8.83	139.28	390	330
Total	22.75	324.67		
Nasik				
Unit 3	4.54	41.70	195	180
Unit 4	4.50	63.24	197	176
Unit 5	4.70	64.61	209	181
Total	13.73	169.55		
Uran				
All Units	10.42	117.45	452	413
Total	10.42	117.45		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.62	9.44	43	11
Total	0.62	9.44		
Koyna				
Stage 1-2	1.83	43.78	245	40
Stage 4	0.00	27.98	0	0
Stage 3	0.60	15.79	160	0
Total	2.43	87.56		
Hydro				
KDPH	0.44	7.84	19	18
VTRNA	0.56	7.07	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.04	1.32	21	0
RNGR+BHTSA	0.26	3.62	12	11
BHANDARDRA	0.47	6.19	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.30	7.73	61	51
GHATGHAR	1.51	18.25	339	0
Total	4.58	52.08		
Wind				
Total	9.02	112.74	0	0
Total	9.02	112.74		
CPP				
APML(Mus)	49.06	759.64	0	0
JSWEL(Mus)	18.34	291.76	0	0
VIPL(Mus)	10.15	135.57	0	0
RPLAMT(Mus)	23.79	329.00	0	0
WPCL(Mus)	4.36	70.71	0	0
Other(Mus)	6.33	74.98	0	0
Total	112.04	1661.65		
SOLAR				
Total	1.21	15.82	0	0
Total	1.21	15.82		
Tata				
Trombay 5	8.11	143.55	482	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	28.08	115	87
Trombay 7B	1.58	18.98	68	59
Trombay 8	5.01	78.27	251	200
TATA Hydro	2.01	26.30	247	0
Total	19.35	295.18		
R-INFRA				
1-2	9.80	152.24	510	401
Total	9.80	152.24		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.92	1734.34
MSPGCL Thml+Gas	129.34	1851.78

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.02	139.64
MSPGCL Total	136.36	1991.42

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.83	71.77
State Total	287.79	4229.05

Hourly Load Data As on 14/Nov/2015

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	4797	222	449	5468	465	4432	0	3169	3151	-1069	12447	19	12466	2169	14635	49.97
2	4829	183	449	5461	488	4431	0	2775	2816	-913	12283	13	12296	2013	14309	49.98
3	4843	141	450	5434	495	4423	0	2587	2503	-803	12052	20	12072	1902	13974	49.98
4	4843	151	452	5446	439	4324	0	2435	2510	-720	11999	20	12019	1818	13837	49.96
5	4838	141	452	5431	371	4299	0	2524	2794	-697	12198	20	12218	1792	14010	49.98
6	4806	146	452	5404	369	4300	0	3303	3404	-722	12755	27	12782	1822	14604	49.98
7	4816	145	452	5413	410	4307	0	3989	3842	-731	13241	39	13280	1830	15110	49.92
8	4828	440	450	5718	399	4411	21	4064	4259	-717	14091	48	14139	1851	15990	49.93
9	4877	692	433	6002	316	4665	61	4189	4146	-864	14326	55	14381	1995	16376	49.97
10	4932	531	426	5889	449	4829	123	4247	4030	-857	14463	46	14509	2175	16684	49.95
11	5190	362	420	5972	658	5005	143	4286	4276	-891	15163	38	15201	2331	17532	49.97
12	5206	237	419	5862	928	5177	165	4302	3603	-1004	14731	35	14766	2444	17210	49.99
13	5150	140	416	5706	817	5162	194	4290	3924	-1056	14747	40	14787	2459	17246	50.00
14	5005	220	417	5642	632	4930	180	4066	4267	-1085	14566	42	14608	2379	16987	49.98
15	5062	410	415	5887	457	4677	142	4186	4316	-1108	14371	38	14409	2390	16799	49.93
16	5052	450	413	5915	336	4759	109	4254	4365	-1081	14403	46	14449	2396	16845	49.94
17	5010	487	417	5914	223	4826	58	4066	4126	-1047	14100	143	14243	2383	16626	49.97
18	5000	201	422	5623	93	4832	13	3155	3171	-1074	12658	154	12812	2372	15184	49.92
19	4992	306	421	5719	93	4855	1	4192	4175	-1235	13608	12	13620	2523	16143	49.97
20	4991	470	424	5885	82	4853	0	4345	4223	-1280	13763	12	13775	2528	16303	50.01
21	5008	238	437	5683	81	4728	0	4017	3877	-1319	13050	12	13062	2483	15545	50.00
22	4990	206	443	5639	117	4701	0	3234	3339	-1265	12531	12	12543	2436	14979	50.04
23	4947	176	445	5568	167	4617	0	3157	3041	-1212	12181	12	12193	2346	14539	49.96
24	4912	324	443	5679	139	4499	0	3453	2890	-1180	12027	12	12039	2245	14284	49.97
MUs	118.9 2	7.02	10.42	136.36	9.02	112.04	1.21	88.28	87.05	-23.93	321.75	0.91	322.67	53.08	375.75	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 14/Nov/2015

Position as on 6.30 Hrs of 15/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	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Khaparkheda Unit 4	210	13/11/2015	00.25	14/11/2015	08.31	Turbine bearing Vabration high	
IPP	RPL(AMT) U-3	270	14/11/2015	22.41	15/11/2015	00.56	Tripped due to sps operated	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 15/Nov/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							
Dabhol Nagothane II	InterState	11/11/2015	17.04	14/11/2015	10.10	T	Over Voltage
Dhule Sar'Sarovar I	InterState	13/11/2015	16.16	14/11/2015	06.43	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/11/2015	21.48	14/11/2015	07.13	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/11/2015	18.16	15/11/2015	07.09	HT	Over Voltage
Dabhol Nagothane II	InterState	15/11/2015	11.50		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/11/2015	17.30		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/11/2015	21.54		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For 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
Lonikand I - Koyna stage-IV	IntraState	10/11/2015	16.57		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42		Continued.	EO	Attend hot spot RFC 14.42 12/11/2015
Bhusawal-Aurangabad	IntraState	13/11/2015	17.20	14/11/2015	09.23	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	14/11/2015	12.17	15/11/2015	11.56	PO	Attend broken insulator dtring.rfc at 19.20 hrs
Padgha-HVDC(AC)-II	IntraState	14/11/2015	12.20	14/11/2015	20.03	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	14/11/2015	18.05	15/11/2015	07.08	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/11/2015	17.05		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	14/11/2015	11.10	14/11/2015	18.32	PO	insulator cold washing work
Tillari Amona	InterState	14/11/2015	13.38	14/11/2015	13.50	T	Tripped at amona end
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.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Ghodbunder MSETCL Borivali line	IntraState	14/11/2015	11.17	14/11/2015	14.27	PO	isolator maintenance work
Kharghar Trombay	IntraState	15/11/2015	09.12	15/11/2015	14.33	PO	Relay Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	14/11/2015	10.20	14/11/2015	12.47	EO	Attending Oil Leakage

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