

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Nov/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.061	258.162	1) Gujrat	5.783	9.446
2) Hydro	17.244	25.138	2) Madhya Pradesh	7.145	14.936
3) Gas	6.550	12.458	3) Chattisgarh	4.210	8.370
Total MSPGCL	153.855	295.758	4) Maharashtra Net	97.943	198.000
B) 1) APMIL	58.418	113.129	5) Goa	-7.315	-14.130
2) JSWEL	23.215	50.170	6) TAPS 1&2 Injection	3.560	7.121
3) VIPL	11.656	21.748	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	22.750	43.770	8) Pench (MS)	0.942	1.815
5) WPCL	5.169	10.482	9) Pench (Excess)	-0.942	-1.815
6) Other IPP	4.072	7.879	Total	110.384	221.928
C) 1) TPCL Thermal	17.032	32.627	a) Mumbai Schedule	24.236	42.778
2) TPCL Hydro	3.000	3.087	b) Mumbai Drawl	29.893	54.060
3) TPCL Gas	2.192	4.571	c) MSEDCL Bilateral *	27.419	61.725
4) R-INFRA Thermal	11.373	22.043	Include PX	0.000	3.140
D) STATE			d) Mumbai Bilateral *	24.236	42.778
1) Thermal	283.746	560.010	Include PX	4.723	7.818
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	20.244	28.225	H) ENERGY CATERED (MUs)		
3) Gas	8.742	17.029	1) MSEDCL	367.203	728.422
4) Wind	6.432	15.283	2) Mumbai Discoms	63.493	116.391
6) SOLAR	1.145	2.335	TOTAL STATE	430.696	844.813
TOTAL STATE	320.309	622.882			

* 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 4 Hrs
MSPGCL Thermal	5545	5621	5452	5259
MSPGCL Hydro	1745	1553	775	117
MSPGCL Gas	275	268	267	270
MSPGCL Total Generation	7565	7442	6494	5646
Central Sector Receipt	5098	4988	4912	3639
WIND	202	126	91	610
CPP / IPP	5271	5313	5290	4938
SOLAR	170	168	0	0
Exchange with Mumbai	-1453	-1486	-1512	-832
MSEDCL DEMAND MET	16853	16551	15275	14001
Load Shedding	489	527	251	106
MSEDCL DEMAND	17342	17078	15526	14107
TPCL GENERATION	1163	1118	1098	682
R-INFRA GENERATION	509	514	514	396
MUMBAI DEMAND	3125	3118	3124	1910
STATE DEMAND MET	19978	19669	18399	15911
STATE DEMAND	20467	20196	18650	16017
Frequency (Hz)	49.98	49.96	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 10.01 Hrs	49.7 Hz at 17.40 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 02/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.76	5.52	120	111
Unit 6	0.00	0.00	0	0
Unit 7	2.60	6.34	165	0
Total	5.36	11.86		
Bhusawal				
Unit 2	0.00	0.42	0	0
Unit 3	3.96	3.96	170	160
Unit 4	9.60	20.17	450	340
Unit 5	10.62	21.59	500	360
Total	24.18	46.14		
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	6.34	134	128
Unit 3	4.52	8.81	199	178
Unit 4	4.53	8.92	199	172
Unit 5	9.59	19.00	425	370
Unit 6	10.18	20.03	450	388
Unit 7	9.66	18.17	448	245
Total	41.62	81.27		
Paras				
Unit 3	5.28	10.35	232	206
Unit 4	5.45	10.72	244	210
Total	10.73	21.08		
Khaparkheda				
Unit 1	3.87	7.50	175	150
Unit 2	3.88	7.83	175	125
Unit 3	4.24	8.18	187	161
Unit 4	4.13	8.12	182	155
Unit 5	9.98	19.85	470	377
Total	26.09	51.49		
Nasik				
Unit 3	0.29	4.89	180	0
Unit 4	4.47	8.86	195	173
Unit 5	4.61	9.18	200	170
Total	9.36	22.93		
Uran				
All Units	6.55	12.46	290	262
Total	6.55	12.46		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.94	1.82	50	23
Total	0.94	1.82		
Koyna				
Stage 1-2	4.76	7.56	535	40
Stage 4	6.08	6.40	750	0
Stage 3	2.32	3.35	320	0
Total	13.16	17.31		
Hydro				
KDPH	0.62	1.07	37	18
VTRNA	0.54	1.02	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.07	0.19	43	0
RNGR+BHTSA	0.26	0.52	15	0
BHANDARDRA	0.43	0.85	28	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	0.70	23	13
GHATGHAR	1.78	3.48	250	0
Total	4.08	7.83		
Wind				
Total	6.43	15.28	0	0
Total	6.43	15.28		
CPP				
APML(Mus)	58.42	113.13	0	0
JSWEL(Mus)	23.22	50.17	0	0
VIPL(Mus)	11.66	21.75	0	0
RPLAMT(Mus)	22.75	43.77	0	0
WPCL(Mus)	5.17	10.48	0	0
Other(Mus)	4.07	7.88	0	0
Total	125.28	247.18		
SOLAR				
Total	1.14	2.34	0	0
Total	1.14	2.34		
Tata				
Trombay 5	11.19	21.20	493	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	2.51	56	46
Trombay 7B	1.00	2.06	47	38
Trombay 8	5.84	11.43	249	201
TATA Hydro	3.00	3.09	443	0
Total	22.22	40.28		
R-INFRA				
1-2	11.37	22.04	518	393
Total	11.37	22.04		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.06	258.16
MSPGCL Thml+Gas	136.61	270.62

Koradi 8	12.72	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	17.24	25.14
MSPGCL Total	153.86	295.76

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.84	13.96
State Total	320.31	622.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5133	298	266	5697	565	5187	0	4148	4164	-1235	14378	40	14418	2370	16788	49.98
2	5110	83	268	5461	575	5159	0	4101	3959	-953	14201	46	14247	2160	16407	50.01
3	5182	96	268	5546	586	5012	0	4069	3818	-790	14172	64	14236	1997	16233	50.00
4	5259	117	270	5646	610	4938	0	4062	3639	-832	14001	106	14107	1910	16017	49.98
5	5267	112	270	5649	583	4938	0	4076	3827	-855	14142	238	14380	1851	16231	49.95
6	5294	112	270	5676	597	5036	0	4113	4239	-841	14707	299	15006	1909	16915	49.90
7	5362	207	270	5839	552	5222	1	4195	4335	-765	15184	433	15617	2018	17635	49.93
8	5437	398	267	6102	439	5319	30	4282	4536	-791	15635	448	16083	2135	18218	49.97
9	5480	664	274	6418	327	5337	80	4559	4878	-1110	15930	448	16378	2458	18836	49.98
10	5465	1373	290	7128	271	5317	129	4712	4961	-1412	16394	440	16834	2826	19660	49.98
11	5533	1703	286	7522	256	5344	162	4707	4853	-1484	16653	451	17104	3105	20209	49.99
12	5545	1745	275	7565	202	5271	170	4873	5098	-1453	16853	489	17342	3125	20467	49.98
13	5621	1553	268	7442	126	5313	168	4937	4988	-1486	16551	527	17078	3118	20196	49.96
14	5625	1465	272	7362	69	5317	138	5018	5125	-1457	16554	416	16970	3056	20026	50.01
15	5636	1476	272	7384	44	5349	115	5079	5269	-1485	16676	372	17048	3095	20143	49.92
16	5617	1656	267	7540	26	5256	92	5043	5036	-1323	16627	429	17056	3114	20170	49.94
17	5636	1336	262	7234	25	5254	53	4825	5040	-1476	16130	429	16559	3122	19681	49.94
18	5557	711	265	6533	50	5269	7	4422	4167	-1434	14592	377	14969	3087	18056	49.85
19	5452	775	267	6494	91	5290	0	4675	4912	-1512	15275	251	15526	3124	18650	49.96
20	5360	687	274	6321	105	5300	0	4903	4861	-1542	15045	271	15316	3046	18362	50.02
21	5439	255	276	5970	105	5304	0	4965	4785	-1480	14684	199	14883	2848	17731	49.99
22	5387	175	284	5846	85	5321	0	4786	4457	-1398	14311	99	14410	2748	17158	50.06
23	5298	138	284	5720	85	5114	0	4783	4611	-1408	14122	61	14183	2665	16848	49.99
24	5366	109	285	5760	58	5113	0	4785	4829	-1371	14389	55	14444	2603	17047	49.98
MUs	130.06	17.24	6.55	153.86	6.43	125.28	1.15	110.12	110.39	-29.89	367.21	6.99	374.19	63.49	437.68	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 02/Nov/2015

Position as on 6.30 Hrs of 03/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	
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 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	Chandrapur Unit-8	500	31/10/2015	16.20		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 2	210	01/11/2015	02.34		Continued.	BTL	
MSPGCL	Nasik Unit 3	210	02/11/2015	01.45		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	02/11/2015	10.36		Continued.	condenser tube clen	
MSPGCL	Koradi Unit 7	210	02/11/2015	16.53		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/11/2015	02.30		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	03/11/2015	03.27		Continued.	control valve problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 03/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							
Kolhapur Mapusa I	InterState	01/11/2015	16.42	02/11/2015	07.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/11/2015	18.31	02/11/2015	06.04	HT	Over Voltage
Kolhapur Mapusa I	InterState	02/11/2015	17.07	03/11/2015	06.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/11/2015	22.05	03/11/2015	05.50	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 -kolhapur-I	IntraState	01/11/2015	16.07	02/11/2015	08.23	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/11/2015	16.38	02/11/2015	08.58	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/11/2015	17.12	02/11/2015	06.13	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	02/11/2015	09.23	02/11/2015	18.33	PO	Line Maintenance work
Taptitanda Waluj	IntraState	02/11/2015	10.01	02/11/2015	19.16	PO	Rectification work
Akola-Bhusawal(khadka) bay 410	IntraState	02/11/2015	10.13	02/11/2015	17.43	PO	Breaker O/H work(3 days)
karad -kolhapur-II	IntraState	02/11/2015	16.14		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/11/2015	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/11/2015	19.20	03/11/2015	06.30	HT	Over Voltage
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
New Koyana - Loteparshuram	IntraState	02/11/2015	10.15	02/11/2015	12.40	EO	Removing earth wire
Karad(400kv) - Ogalewadi Ckt 1	IntraState	02/11/2015	10.40	02/11/2015	18.39	PO	String replace work
Kharghar Trombay	IntraState	02/11/2015	14.57	02/11/2015	15.37	T	Distance Protection
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
132 KV LINE Outages/Trippings							
Hingna-Ii-Khapari	IntraState	01/11/2015	23.01	02/11/2015	23.23	T	Distance Protection
Kalmeshwar-Hingna-II	IntraState	01/11/2015	23.01	02/11/2015	06.50	T	Distance Protection

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