

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Nov/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.588	1384.752	1) Gujrat	0.839	37.528
2) Hydro	5.780	119.797	2) Madhya Pradesh	8.367	113.690
3) Gas	10.473	86.669	3) Chattisgarh	5.330	61.290
Total MSPGCL	129.841	1591.218	4) Maharashtra Net	55.812	1090.596
B) 1) APML	50.770	611.274	5) Goa	-5.282	-73.255
2) JSWEL	18.577	238.104	6) TAPS 1&2 Injection	3.494	38.938
3) VIPL	10.159	105.124	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	19.622	263.981	8) Pench (MS)	0.464	7.846
5) WPCL	3.827	57.936	9) Pench (Excess)	-0.464	-7.846
6) Other IPP	6.087	54.999	Total	68.096	1260.941
C) 1) TPCL Thermal	13.771	182.941	a) Mumbai Schedule	16.626	240.127
2) TPCL Hydro	0.775	21.582	b) Mumbai Drawl	22.381	296.449
3) TPCL Gas	4.171	34.269	c) MSEDCL Bilateral *	16.002	301.141
4) R-INFRA Thermal	9.452	123.379	Include PX	-3.833	20.850
D) STATE			d) Mumbai Bilateral *	16.626	240.127
1) Thermal	245.853	3022.490	Include PX	1.385	47.926
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.555	141.379	H) ENERGY CATERED (MUs)		
3) Gas	14.644	120.938	1) MSEDCL	311.390	3979.675
4) Wind	25.718	80.387	2) Mumbai Discoms	50.550	658.625
6) SOLAR	1.074	12.160	TOTAL STATE	361.940	4638.300
TOTAL STATE	293.844	3377.354			

* 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 19 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4848	4615	4677	4638
MSPGCL Hydro	255	117	754	172
MSPGCL Gas	432	424	423	442
MSPGCL Total Generation	5535	5156	5854	5252
Central Sector Receipt	3107	2823	2874	2062
WIND	1227	1363	761	1111
CPP / IPP	4906	4912	4264	4353
SOLAR	141	194	0	0
Exchange with Mumbai	-784	-937	-1236	-1231
MSEDCL DEMAND MET	14132	13511	12517	11547
Load Shedding	150	149	79	13
MSEDCL DEMAND	14282	13660	12596	11560
TPCL GENERATION	961	860	821	687
R-INFRA GENERATION	393	393	392	396
MUMBAI DEMAND	2138	2190	2449	2314
STATE DEMAND MET	16270	15701	14966	13861
STATE DEMAND	16420	15850	15045	13874
Frequency (Hz)	50.00	50.05	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 14.03 Hrs	49.8 Hz at 18.07 Hrs	50.01	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 11/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	3.86	25.46	170	150
Total	3.86	34.62		
Bhusawal				
Unit 2	3.84	28.94	170	150
Unit 3	4.02	22.98	175	155
Unit 4	9.33	116.85	410	340
Unit 5	8.98	111.14	415	265
Total	26.18	279.92		
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	3.21	34.65	140	127
Unit 3	4.22	35.91	182	170
Unit 4	4.22	48.85	184	163
Unit 5	9.04	100.46	390	360
Unit 6	8.96	107.20	385	360
Unit 7	9.42	106.04	400	385
Total	39.08	433.11		
Paras				
Unit 3	5.03	56.64	225	199
Unit 4	5.30	61.72	255	195
Total	10.34	118.36		
Khaparkheda				
Unit 1	3.40	41.19	160	120
Unit 2	3.44	39.53	160	130
Unit 3	1.75	30.53	145	0
Unit 4	3.51	40.04	165	129
Unit 5	8.89	111.82	380	360
Total	20.99	263.11		
Nasik				
Unit 3	4.37	28.08	190	170
Unit 4	4.40	49.69	187	179
Unit 5	4.38	50.78	190	174
Total	13.15	128.55		
Uran				
All Units	10.47	86.67	465	414
Total	10.47	86.67		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.46	7.85	50	0
Total	0.46	7.85		
Koyna				
Stage 1-2	1.90	36.80	320	35
Stage 4	0.00	27.81	0	0
Stage 3	0.62	14.12	134	0
Total	2.52	78.72		
Hydro				
KDPH	0.59	6.50	37	18
VTRNA	0.54	5.50	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	1.15	77	0
RNGR+BHTSA	0.32	2.81	14	13
BHANDARDRA	0.45	4.80	32	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	5.43	24	14
GHATGHAR	0.86	14.83	213	0
Total	3.26	41.08		
Wind				
Total	25.72	80.39	0	0
Total	25.72	80.39		
CPP				
APML(Mus)	50.77	611.27	0	0
JSWEL(Mus)	18.58	238.10	0	0
VIPL(Mus)	10.16	105.12	0	0
RPLAMT(Mus)	19.62	263.98	0	0
WPCL(Mus)	3.83	57.94	0	0
Other(Mus)	6.09	55.00	0	0
Total	109.04	1331.42		
SOLAR				
Total	1.07	12.16	0	0
Total	1.07	12.16		
Tata				
Trombay 5	8.62	119.60	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	20.07	115	105
Trombay 7B	1.57	14.20	67	64
Trombay 8	5.15	63.34	250	200
TATA Hydro	0.78	21.58	137	0
Total	18.72	238.79		
R-INFRA				
1-2	9.45	123.38	396	392
Total	9.45	123.38		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.59	1384.75
MSPGCL Thml+Gas	124.06	1471.42

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.78	119.80
MSPGCL Total	129.84	1591.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.90	64.60
State Total	293.84	3377.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4882	271	448	5601	1006	4146	0	3783	3110	-1075	12788	19	12807	2162	14969	50.01
2	4858	229	448	5535	1073	4275	0	3883	2870	-945	12808	12	12820	2029	14849	50.03
3	4846	178	449	5473	1113	4332	0	3633	2477	-831	12564	12	12576	1908	14484	50.02
4	4821	140	451	5412	1095	4345	0	3445	2619	-728	12743	12	12755	1815	14570	49.99
5	4776	136	454	5366	1111	4413	0	3564	2778	-692	12976	57	13033	1782	14815	50.00
6	4832	252	454	5538	1098	4656	0	3795	2971	-714	13549	112	13661	1818	15479	49.95
7	4849	292	457	5598	1114	4871	0	4082	3283	-624	14242	239	14481	1837	16318	49.96
8	4881	310	460	5651	1039	5002	24	4045	3267	-536	14447	238	14685	1850	16535	49.99
9	4892	211	465	5568	919	5086	60	4102	2923	-604	13952	187	14139	1920	16059	49.98
10	4901	181	428	5510	940	4882	107	4012	3207	-697	13949	167	14116	2040	16156	49.97
11	4848	255	432	5535	1227	4906	141	4010	3107	-784	14132	150	14282	2138	16420	50.00
12	4694	169	426	5289	1382	4949	137	4043	2927	-814	13870	143	14013	2158	16171	50.04
13	4615	117	424	5156	1363	4912	194	4065	2823	-937	13511	149	13660	2190	15850	50.05
14	4541	123	414	5078	1250	4746	145	3910	3218	-1050	13387	108	13495	2138	15633	50.12
15	4609	128	414	5151	1152	4490	132	4041	3065	-982	13008	113	13121	2099	15220	50.04
16	4669	217	414	5300	1023	4235	88	4059	3451	-957	13140	102	13242	2092	15334	50.02
17	4670	226	417	5313	910	4226	41	3762	2863	-954	12399	100	12499	2102	14601	50.02
18	4641	349	419	5409	771	4212	5	2757	2335	-997	11735	107	11842	2159	14001	49.99
19	4677	754	423	5854	761	4264	0	3568	2874	-1236	12517	79	12596	2449	15045	50.01
20	4632	489	426	5547	864	4475	0	3963	2794	-1289	12391	13	12404	2462	14866	50.02
21	4604	166	435	5205	1041	4547	0	3629	2876	-1263	12406	13	12419	2430	14849	49.99
22	4629	178	432	5239	1134	4531	0	3078	1989	-1230	11663	13	11676	2366	14042	50.03
23	4638	172	442	5252	1111	4353	0	2803	2062	-1231	11547	13	11560	2314	13874	50.01
24	4583	237	441	5261	1221	4188	0	2769	2208	-1211	11667	13	11680	2292	13972	50.02
MUs	113.59	5.78	10.47	129.84	25.72	109.04	1.07	88.80	68.10	-22.38	311.39	2.17	313.56	50.55	364.11	50.01

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 11/Nov/2015

Position as on 6.30 Hrs of 12/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	
IPP	RPL(AMT) U-5	270	10/11/2015	10.19		Continued.	Cooling water Line leakage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Khaparkhedha Unit 3	210	11/11/2015	12.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	12/11/2015	22.08	12/11/2015	23.48	Boiler Protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 12/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 Solapur (PG) II	InterState	10/11/2015	17.06	11/11/2015	07.34	T	Over Voltage
Dhule Sar'Sarovar I	InterState	10/11/2015	17.30	11/11/2015	07.34	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/11/2015	14.17	12/11/2015	07.54	HT	Over Voltage
Dabhol New koyna I	InterState	11/11/2015	16.38	12/11/2015	07.14	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/11/2015	17.00	12/11/2015	08.16	HT	Over Voltage
Dabhol Nagothane II	InterState	11/11/2015	17.04		Continued.	T	Over Voltage
Dabhol Nagothane I	InterState	11/11/2015	17.04	12/11/2015	11.25	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	12/11/2015	12.38	12/11/2015	15.15	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	12/11/2015	17.05		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/11/2015	17.34		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	07/11/2015	14.41	11/11/2015	10.39	HT	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
Bhusawal-Aurangabad	IntraState	10/11/2015	17.09	11/11/2015	07.29	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/11/2015	10.42		Continued.	EO	To attend Hot Spot
Padghe - Kalwa- I	IntraState	11/11/2015	12.36	11/11/2015	18.36	T	Distance Protection
Bhusawal-Aurangabad	IntraState	11/11/2015	17.09	12/11/2015	06.32	HT	Over Voltage
Koradi-Bhusawal	IntraState	11/11/2015	17.26	11/11/2015	17.59	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	12/11/2015	12.12		Continued.	T	Earth Fault
Bhusawal-Aurangabad	IntraState	12/11/2015	17.37		Continued.	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.
Wadkhal - Ndil 2	IntraState	06/11/2015	10.45		Continued.	PO	Replacement of 220KV Panels.Bay Equipements(6 Days)
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Pedambe-Pophali	IntraState	11/11/2015	09.00	11/11/2015	10.45	PO	Gas Leakage and Oil Top Up in Compressor
Dahanu-Viraj	IntraState	11/11/2015	11.50	11/11/2015	14.33	T	B Phase PT Burst at consumer end and Bus Bar operated
Boisar-Viraj	IntraState	11/11/2015	11.50	11/11/2015	14.26	T	B Phase PT Burst at consumer end and Bus Bar operated
Nagar-Babhaleshwar Ckt II	IntraState	11/11/2015	20.22	11/11/2015	20.48	T	Distance Protection
Talandge(400kv)- Sawantwadi(Insul	IntraState	12/11/2015	06.02	12/11/2015	06.16	T	Distance Protection
Talandge(400kv) - Five Star Midc	IntraState	12/11/2015	13.50	12/11/2015	16.45	HT	Unbalance current
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Kurunda - Hingoli	IntraState	11/11/2015	08.25	11/11/2015	08.43	T	Distance Protection

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