

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Nov/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.701	1615.411	1) Gujrat	-1.121	37.259
2) Hydro	5.982	132.619	2) Madhya Pradesh	9.168	130.447
3) Gas	10.274	107.030	3) Chattisgarh	6.170	72.740
Total MSPGCL	130.957	1855.060	4) Maharashtra Net	78.465	1228.762
B) 1) APMI	49.055	710.575	5) Goa	-6.878	-86.155
2) JSWEL	17.791	273.420	6) TAPS 1&2 Injection	3.502	45.934
3) VIPL	10.156	125.426	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	21.382	305.204	8) Pench (MS)	0.686	8.821
5) WPCL	4.483	66.343	9) Pench (Excess)	-0.686	-8.821
6) Other IPP	6.818	68.645	Total	88.620	1420.166
C) 1) TPCL Thermal	12.415	208.701	a) Mumbai Schedule	16.755	273.933
2) TPCL Hydro	1.577	24.289	b) Mumbai Drawl	25.155	344.790
3) TPCL Gas	4.337	42.835	c) MSEDCL Bilateral *	15.945	328.631
4) R-INFRA Thermal	9.583	142.441	Include PX	-3.713	17.137
D) STATE			d) Mumbai Bilateral *	16.755	273.933
1) Thermal	246.384	3516.166	Include PX	1.014	51.397
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.559	156.908	H) ENERGY CATERED (MUs)		
3) Gas	14.611	149.865	1) MSEDCL	312.044	4598.376
4) Wind	6.715	103.715	2) Mumbai Discoms	53.067	763.061
6) SOLAR	1.222	14.612	TOTAL STATE	365.111	5361.437
TOTAL STATE	276.491	3941.266			

* 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	4976	5044	4810	4583
MSPGCL Hydro	309	210	406	116
MSPGCL Gas	426	415	439	449
MSPGCL Total Generation	5711	5669	5655	5148
Central Sector Receipt	4314	4105	4455	2649
WIND	312	118	152	379
CPP / IPP	4987	5037	4353	4362
SOLAR	160	171	0	0
Exchange with Mumbai	-1080	-1134	-1257	-735
MSEDCL DEMAND MET	14404	13966	13358	11803
Load Shedding	229	242	20	13
MSEDCL DEMAND	14633	14208	13378	11816
TPCL GENERATION	882	911	832	700
R-INFRA GENERATION	396	401	401	394
MUMBAI DEMAND	2358	2446	2490	1829
STATE DEMAND MET	16762	16412	15848	13632
STATE DEMAND	16991	16654	15868	13645
Frequency (Hz)	49.94	49.97	49.99	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.02 Hrs	49.75 Hz at 00.07 Hrs	49.96	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 13/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	3.81	32.81	175	138
Total	3.81	41.97		
Bhusawal				
Unit 2	3.77	36.51	165	145
Unit 3	4.13	31.26	175	170
Unit 4	10.47	137.86	500	400
Unit 5	10.66	132.51	500	385
Total	29.04	338.13		
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	3.09	40.89	139	118
Unit 3	4.19	44.28	180	170
Unit 4	4.20	57.22	181	170
Unit 5	9.00	118.49	385	362
Unit 6	8.98	125.31	385	360
Unit 7	9.78	125.50	414	388
Total	39.23	511.68		
Paras				
Unit 3	5.04	66.80	230	196
Unit 4	5.09	72.03	245	195
Total	10.13	138.82		
Khaparkheda				
Unit 1	3.46	48.10	165	120
Unit 2	3.66	46.96	165	140
Unit 3	1.99	32.52	175	1
Unit 4	0.05	43.88	51	0
Unit 5	9.50	130.45	470	370
Total	18.66	301.91		
Nasik				
Unit 3	4.60	37.16	195	185
Unit 4	4.58	58.74	195	183
Unit 5	4.65	59.91	210	184
Total	13.83	155.82		
Uran				
All Units	10.27	107.03	450	327
Total	10.27	107.03		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.69	8.82	52	0
Total	0.69	8.82		
Koyna				
Stage 1-2	2.62	41.96	400	40
Stage 4	0.00	27.98	0	0
Stage 3	0.78	15.18	80	0
Total	3.41	85.12		
Hydro				
KDPH	0.45	7.40	19	18
VTRNA	0.52	6.50	61	0
TILLARI	0.00	0.05	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.07	1.28	57	0
RNGR+BHTSA	0.26	3.36	12	11
BHANDARDRA	0.46	5.73	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	6.44	23	22
GHATGHAR	0.28	16.74	125	0
Total	2.57	47.50		
Wind				
Total	6.72	103.72	0	0
Total	6.72	103.72		
CPP				
APML(Mus)	49.06	710.58	0	0
JSWEL(Mus)	17.79	273.42	0	0
VIPL(Mus)	10.16	125.43	0	0
RPLAMT(Mus)	21.38	305.20	0	0
WPCL(Mus)	4.48	66.34	0	0
Other(Mus)	6.82	68.64	0	0
Total	109.68	1549.61		
SOLAR				
Total	1.22	14.61	0	0
Total	1.22	14.61		
Tata				
Trombay 5	7.57	135.44	318	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	25.44	115	106
Trombay 7B	1.61	17.40	68	64
Trombay 8	4.85	73.26	204	199
TATA Hydro	1.58	24.29	231	13
Total	18.33	275.82		
R-INFRA				
1-2	9.58	142.44	404	394
Total	9.58	142.44		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.70	1615.41
MSPGCL Thml+Gas	124.98	1722.44

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.98	132.62
MSPGCL Total	130.96	1855.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.62	69.94
State Total	276.49	3941.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4655	442	327	5424	187	4378	0	3144	3206	-1129	12066	23	12089	2224	14313	49.98
2	4620	226	408	5254	244	4383	0	3182	3144	-946	12079	13	12092	2042	14134	49.96
3	4581	167	436	5184	293	4370	0	3024	2821	-826	11842	13	11855	1920	13775	49.97
4	4583	116	449	5148	379	4362	0	3006	2649	-735	11803	13	11816	1829	13645	49.94
5	4644	120	450	5214	446	4198	0	3009	3271	-709	12420	39	12459	1802	14261	49.98
6	4613	235	447	5295	492	4109	0	3388	3492	-741	12647	169	12816	1834	14650	49.98
7	4626	348	450	5424	553	4157	0	3869	3713	-749	13098	329	13427	1847	15274	49.97
8	4641	550	445	5636	459	4396	21	4012	4122	-773	13861	355	14216	1873	16089	49.88
9	4815	384	443	5642	356	4653	78	4143	4301	-953	14077	349	14426	2048	16474	49.94
10	4887	312	428	5627	355	4888	129	4197	3974	-1127	13846	267	14113	2237	16350	49.93
11	4976	309	426	5711	312	4987	160	4203	4314	-1080	14404	229	14633	2358	16991	49.94
12	5035	268	405	5708	210	5029	184	4200	4088	-1079	14140	248	14388	2415	16803	49.97
13	5044	210	415	5669	118	5037	171	4206	4105	-1134	13966	242	14208	2446	16654	49.97
14	5028	111	405	5544	115	5078	175	4207	4066	-1136	13842	222	14064	2377	16441	50.03
15	4814	126	415	5355	103	5040	144	4100	4115	-1136	13621	117	13738	2365	16103	49.95
16	4780	306	429	5515	109	4906	113	3998	4108	-1179	13572	71	13643	2395	16038	49.94
17	4830	161	423	5414	141	4880	42	3642	3811	-1157	13131	62	13193	2363	15556	49.97
18	4809	111	435	5355	120	4659	5	3095	3111	-1129	12121	58	12179	2336	14515	49.93
19	4801	333	435	5569	101	4414	0	4068	4132	-1236	12980	39	13019	2484	15503	49.96
20	4810	406	439	5655	152	4353	0	4218	4455	-1257	13358	20	13378	2490	15868	49.99
21	4803	172	430	5405	283	4353	0	3947	3818	-1296	12563	16	12579	2447	15026	49.99
22	4789	177	446	5412	350	4352	0	3499	3466	-1294	12286	16	12302	2381	14683	50.00
23	4743	177	445	5365	404	4331	0	2999	3086	-1201	11985	16	12001	2301	14302	49.98
24	4774	215	443	5432	433	4375	0	3004	3252	-1153	12339	16	12355	2253	14608	49.98
MUs	114.70	5.98	10.27	130.96	6.71	109.69	1.22	88.36	88.62	-25.15	312.05	2.94	314.99	53.07	368.05	49.96

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 13/Nov/2015

Position as on 6.30 Hrs of 14/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	13/11/2015	10.57	Cooling water Line leakage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Khaparkheda Unit 3	210	11/11/2015	12.30	13/11/2015	09.58	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	13/11/2015	00.25		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 14/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	InterState	13/11/2015	02.51		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Dabhol Nagothane II	InterState	11/11/2015	17.04		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	12/11/2015	17.05	13/11/2015	19.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/11/2015	17.34	13/11/2015	06.46	HT	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		Continued.	HT	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	To attend Hot Spot
Babhaleshwar - Padghe-II	IntraState	12/11/2015	12.12	13/11/2015	09.17	T	Earth Fault
Bhusawal-Aurangabad	IntraState	12/11/2015	17.37	13/11/2015	06.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/11/2015	17.20		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 - Ipl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Ranjangaon-Lonikand	IntraState	12/11/2015	12.36	13/11/2015	19.44	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

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