

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.012	3631.954	1) Gujrat	2.471	58.495
2) Hydro	8.259	257.318	2) Madhya Pradesh	7.475	276.517
3) Gas	7.093	263.302	3) Chattisgarh	5.860	171.240
Total MSPGCL	137.364	4152.574	4) Maharashtra Net	83.538	2623.909
B) 1) APLM	48.253	1568.529	5) Goa (Amona)	-0.704	-136.410
2) JSWEL	22.179	614.063	6) TAPS 1&2 Injection	3.534	105.722
3) VIPL	10.127	306.414	7) RGPPL Injection	6.067	27.258
4) RPL(AMT)	20.427	665.216	8) Pench (MS)	0.147	14.681
5) WPCL	5.327	145.050	9) Pench (Excess)	-0.147	-14.681
6) Other IPP	10.993	226.227	Total	108.094	3112.050
C) 1) TPCL Thermal	14.133	458.521	a) Mumbai Schedule	17.108	581.702
2) TPCL Hydro	2.870	67.618	b) Mumbai Drawl	27.447	781.238
3) TPCL Gas	4.131	107.964	c) MSEDCL Bilateral *	27.270	711.036
4) R-INFRA Thermal	9.587	316.202	Include PX	-0.837	-8.247
D) STATE			d) Mumbai Bilateral *	17.108	581.702
1) Thermal	263.038	7932.176	Include PX	0.055	69.235
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.129	324.936	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	11.224	371.266	1) MSEDCL	343.960	10295.391
4) Wind	7.536	254.367	2) Mumbai Discoms	58.162	1731.527
6) SOLAR	1.107	32.139	TOTAL STATE	402.122	12026.918
TOTAL STATE	294.034	8914.884			

* 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 3 Hrs
MSPGCL Thermal	5361	5397	5025	5062
MSPGCL Hydro	498	346	346	130
MSPGCL Gas	284	281	290	298
MSPGCL Total Generation	6143	6024	5661	5490
Central Sector Receipt	5191	4949	4946	2634
WIND	353	275	205	596
CPP / IPP	5651	5639	5136	4396
SOLAR	164	176	0	0
Exchange with Mumbai	-1353	-1340	-1390	-660
MSEDCL DEMAND MET	16149	15723	14558	12456
Load Shedding	18	18	14	14
MSEDCL DEMAND	16167	15741	14572	12470
TPCL GENERATION	1204	1206	1102	664
R-INFRA GENERATION	399	398	398	400
MUMBAI DEMAND	2956	2944	2890	1724
STATE DEMAND MET	19105	18667	17448	14180
STATE DEMAND	19123	18685	17462	14194
Frequency (Hz)	49.99	49.97	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21:54 Hrs	49.76 Hz at 17:21 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 30/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.77	24.60	120	108
Unit 6	0.00	0.00	0	0
Unit 7	3.04	87.08	145	107
Total	5.82	111.68		
Bhusawal				
Unit 2	4.16	101.62	175	170
Unit 3	4.11	102.22	180	150
Unit 4	10.26	320.58	485	395
Unit 5	10.27	316.82	500	380
Total	28.80	841.24		
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	2.99	92.76	134	116
Unit 3	4.14	115.95	182	163
Unit 4	4.31	130.01	185	167
Unit 5	9.05	268.02	416	365
Unit 6	7.96	281.32	410	0
Unit 7	10.00	294.99	424	408
Total	38.47	1183.06		
Paras				
Unit 3	5.23	148.30	230	205
Unit 4	5.31	145.46	248	200
Total	10.54	293.75		
Khaparkhedra				
Unit 1	3.80	112.34	170	120
Unit 2	3.78	95.70	175	135
Unit 3	3.85	102.59	172	140
Unit 4	3.82	99.52	166	152
Unit 5	9.35	292.24	450	346
Total	24.60	702.39		
Nasik				
Unit 3	4.66	115.30	200	190
Unit 4	4.47	123.18	191	183
Unit 5	4.66	134.28	198	191
Total	13.79	372.75		
Uran				
All Units	7.09	263.30	324	281
Total	7.09	263.30		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.15	14.68	40	0
Total	0.15	14.68		
Koyna				
Stage 1-2	2.18	82.24	240	35
Stage 4	0.37	32.63	244	0
Stage 3	0.66	25.10	80	0
Total	3.21	139.97		
Hydro				
KDPH	0.72	18.26	38	18
VTRNA	0.49	15.01	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.02	0.98	2	1
BHIRA T.R.	0.11	3.83	41	0
RNGR+BHTSA	0.25	6.77	16	0
BHANDARDRA	0.42	13.18	43	10
ELDARY	0.00	1.02	0	0
SMLHY_PTN	0.74	18.22	37	28
GHATGHAR	2.28	39.32	250	0
Total	5.05	117.35		
Wind				
Total	7.54	254.37	0	0
Total	7.54	254.37		
CPP				
APML(Mus)	48.25	1568.53	0	0
JSWEL(Mus)	22.18	614.06	0	0
VIPL(Mus)	10.13	306.41	0	0
RPLAMT(Mus)	20.43	665.22	0	0
WPCL(Mus)	5.33	145.05	0	0
Other(Mus)	10.99	226.23	0	0
Total	117.31	3525.50		
SOLAR				
Total	1.11	32.14	0	0
Total	1.11	32.14		
Tata				
Trombay 5	8.83	292.92	468	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.57	65.33	115	90
Trombay 7B	1.56	42.64	68	59
Trombay 8	5.30	165.60	250	199
TATA Hydro	2.87	67.62	309	0
Total	21.13	634.10		
R-INFRA				
1-2	9.59	316.20	402	398
Total	9.59	316.20		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	122.01	3631.95
MSPGCL Thml+Gas	129.10	3895.26

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.26	257.32
MSPGCL Total	137.36	4152.57

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.55	114.87
State Total	294.03	8914.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	5096	125	318	5539	577	4420	0	3309	3342	-921	12957	20	12977	1985	14962	49.97
2	5063	115	301	5479	647	4403	0	3175	2888	-747	12670	11	12681	1812	14493	49.98
3	5062	130	298	5490	596	4396	0	2832	2634	-660	12456	14	12470	1724	14194	49.99
4	5038	130	309	5477	548	4426	0	2852	2699	-594	12556	14	12570	1658	14228	50.00
5	5020	125	299	5444	497	4428	0	3231	2807	-581	12596	14	12610	1651	14260	49.99
6	5038	273	299	5610	471	4433	0	3149	3288	-656	13146	18	13164	1734	14898	49.91
7	5071	448	308	5827	490	4460	0	4230	4341	-808	14310	18	14328	1880	16208	49.87
8	5107	597	299	6003	371	4648	15	4819	5169	-914	15292	18	15310	2021	17331	49.93
9	5235	501	324	6060	292	5076	63	4941	5132	-1144	15479	18	15497	2262	17759	49.95
10	5348	620	292	6260	271	5213	114	4992	4950	-1289	15519	18	15537	2653	18190	49.95
11	5372	575	293	6240	308	5486	158	5137	5206	-1324	16074	18	16092	2899	18991	50.00
12	5361	498	284	6143	353	5651	164	5185	5191	-1353	16149	18	16167	2956	19123	49.99
13	5397	346	281	6024	275	5639	176	5042	4949	-1340	15723	18	15741	2944	18685	49.97
14	5347	240	282	5869	184	5583	162	4996	4994	-1308	15484	21	15505	2863	18368	50.01
15	5347	464	281	6092	125	5414	122	4996	5030	-1378	15405	14	15419	2897	18316	49.93
16	5313	596	284	6193	108	5336	95	4994	5289	-1373	15648	14	15662	2898	18560	49.93
17	4985	495	286	5766	112	5321	35	4944	4938	-1390	14782	14	14796	2880	17676	49.90
18	5025	544	295	5864	168	5117	3	4483	4608	-1424	14336	14	14350	2839	17189	49.96
19	5025	346	290	5661	205	5136	0	4929	4946	-1390	14558	14	14572	2890	17462	49.96
20	5022	209	290	5521	175	4900	0	4990	5081	-1498	14179	14	14193	2855	17048	49.98
21	4700	384	292	5376	134	4567	0	4914	5527	-1453	14151	14	14165	2665	16830	49.97
22	4658	223	295	5176	154	4427	0	4845	5368	-1421	13704	14	13718	2521	16239	49.99
23	4667	151	299	5117	251	4413	0	4685	4686	-1304	13163	14	13177	2405	15582	49.94
24	4715	124	294	5133	224	4411	0	4623	5028	-1177	13619	14	13633	2276	15909	49.95
MUs	122.0 1	8.26	7.09	137.36	7.54	117.31	1.11	106.29	108.09	-27.45	343.96	0.38	344.33	58.17	402.50	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 30/Nov/2015

Position as on 6.30 Hrs of 01/Dec/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	
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-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	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
MSPGCL	Uran Unit 5	108	29/11/2015	14.45		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	30/11/2015	20.01		Continued.	Turbine bearing Vabration high	

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

Statement-VII

Position as on 6.30 Hrs of 01/Dec/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							
Dhule Sar'Sarovar I	InterState	29/11/2015	17.20	30/11/2015	07.12	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	29/11/2015	17.23	30/11/2015	06.42	HT	Over Voltage
Dhule Khandwa I	InterState	30/11/2015	17.22		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/11/2015	20.20		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	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Padghe - Nagothane - II	IntraState	28/11/2015	09.16	30/11/2015	10.12	PO	insulator replacement work RFC @ 20.06
karad -kolhapur-II	IntraState	29/11/2015	16.11	30/11/2015	08.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/11/2015	16.16	30/11/2015	09.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/11/2015	17.13	30/11/2015	07.42	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/11/2015	21.35	30/11/2015	09.09	HT	Over Voltage
karad -kolhapur-I	IntraState	30/11/2015	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/11/2015	17.10		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/11/2015	17.42		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/11/2015	22.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	30/11/2015	09.28	30/11/2015	21.11	PO	Tan Delta Measurment of CTs
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
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.
Wadkhali - 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)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Karad - Vita Ckt- II	IntraState	30/11/2015	08.55	30/11/2015	18.09	PO	Replacement work
Hamidwada-Mumewadi	IntraState	30/11/2015	09.21	30/11/2015	11.58	PO	Quarterly Maintainance Work
Talandage(400kv) - Five Star Midc	IntraState	30/11/2015	10.00	30/11/2015	17.18	PO	Testing Work
Siemens - Mahape	IntraState	30/11/2015	15.53	30/11/2015	17.26	PO	Attending Hot Spot
Adlabs - Pedambe	IntraState	30/11/2015	17.59	30/11/2015	20.46	T	Tripped due to Y ph bus couper ct burst at pedambe
Pophli Pedhmbe Line- 2	IntraState	30/11/2015	17.59		Continued.	T	Tripped due to Y ph bus couper ct burst at pedambe
Pedambe-Nerle	IntraState	30/11/2015	17.59	30/11/2015	21.00	T	Tripped due to Y ph bus couper ct burst at pedambe
Pedhambe - Oni	IntraState	30/11/2015	17.59	30/11/2015	20.47	T	Tripped due to Y ph bus couper ct burst at pedambe
Chalishaon -Babhaleshwar	IntraState	30/11/2015	18.01	01/12/2015	04.23	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	01/12/2015	04.02	01/12/2015	04.27	T	Distance Protection
220 KV ICT Outages/Trippings							

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/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 01/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Paras-Akot	IntraState	29/11/2015	21.40		Continued.	T	B Phase PT Burst and caught Fire