

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.745	768.147	1) Gujrat	-0.205	19.896
2) Hydro	7.298	67.925	2) Madhya Pradesh	6.052	51.923
3) Gas	10.616	64.325	3) Chattisgarh	5.650	37.940
Total MSPGCL	127.659	900.397	4) Maharashtra Net	76.790	580.053
B) 1) APML	49.484	358.299	5) Goa (Amona)	-0.496	-3.784
2) JSWEL	22.948	156.917	6) TAPS 1&2 Injection	3.566	24.884
3) VIPL	10.824	77.897	7) RGPPL Injection	6.303	44.030
4) RPL(AMT)	20.603	151.630	8) Pench (MS)	0.192	1.466
5) WPCL	5.846	36.611	9) Pench (Excess)	-0.192	-1.466
6) Other IPP	10.926	76.041	Total	97.468	753.476
C) 1) TPCL Thermal	14.796	103.076	a) Mumbai Schedule	19.363	137.406
2) TPCL Hydro	2.310	15.503	b) Mumbai Drawl	25.620	177.914
3) TPCL Gas	3.878	27.309	c) MSEDCL Bilateral *	28.138	176.726
4) R-INFRA Thermal	10.329	73.546	Include PX	-0.421	-2.340
D) STATE			d) Mumbai Bilateral *	19.363	137.406
1) Thermal	255.501	1802.164	Include PX	0.087	1.152
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.608	83.428	H) ENERGY CATERED (MUs)		
3) Gas	14.494	91.634	1) MSEDCL	330.043	2392.429
4) Wind	8.716	51.319	2) Mumbai Discoms	56.933	397.346
6) SOLAR	1.189	7.756	TOTAL STATE	386.976	2789.775
TOTAL STATE	289.508	2036.301			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4836	4903	4825	4750
MSPGCL Hydro	590	401	429	166
MSPGCL Gas	438	401	425	457
MSPGCL Total Generation	5864	5705	5679	5373
Central Sector Receipt	5094	5257	4510	2063
WIND	425	81	234	590
CPP / IPP	5897	5633	5334	4453
SOLAR	159	102	0	0
Exchange with Mumbai	-1173	-1183	-1447	-575
MSEDCL DEMAND MET	16266	15595	14310	11904
Load Shedding	20	14	14	16
MSEDCL DEMAND	16286	15609	14324	11920
TPCL GENERATION	1107	1182	976	666
R-INFRA GENERATION	515	456	401	402
MUMBAI DEMAND	2795	2821	2824	1643
STATE DEMAND MET	19061	18416	17134	13547
STATE DEMAND	19081	18430	17148	13563
Frequency (Hz)	49.94	49.94	49.94	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.02 Hrs	49.68 Hz at 07.32 Hrs	49.95	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 07/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.89	19.90	125	116
Unit 6	0.00	0.00	0	0
Unit 7	0.00	7.27	0	0
Total	2.89	27.16		
Bhusawal				
Unit 2	4.16	28.68	185	160
Unit 3	4.16	28.64	185	165
Unit 4	10.92	72.12	500	420
Unit 5	10.96	73.81	500	425
Total	30.19	203.24		
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	2.79	20.46	122	106
Unit 3	4.29	30.42	205	162
Unit 4	4.34	30.97	206	169
Unit 5	9.34	67.05	415	365
Unit 6	0.00	0.00	0	0
Unit 7	9.86	69.13	425	391
Total	30.61	218.04		
Paras				
Unit 3	4.90	34.89	217	192
Unit 4	0.00	32.79	250	209
Total	4.90	67.68		
Khaparkheda				
Unit 1	4.02	25.90	180	160
Unit 2	3.99	26.06	175	155
Unit 3	4.36	28.66	198	173
Unit 4	3.89	20.28	165	160
Unit 5	9.78	64.78	475	369
Total	26.04	165.67		
Nasik				
Unit 3	0.00	4.19	0	0
Unit 4	3.98	30.50	186	156
Unit 5	4.60	32.52	200	185
Total	8.58	67.21		
Uran				
All Units	10.62	64.32	463	401
Total	10.62	64.32		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.19	1.47	47	0
Total	0.19	1.47		
Koyna				
Stage 1-2	1.94	17.66	265	20
Stage 4	0.58	13.40	226	0
Stage 3	0.54	6.32	106	0
Total	3.06	37.38		
Hydro				
KDPH	0.44	4.17	19	18
VTRNA	0.58	3.78	61	0
TILLARI	0.19	1.57	61	0
BHTGR/VEER	0.02	0.23	1	0
BHIRA T.R.	0.08	0.91	40	0
RNGR+BHTSA	0.25	1.73	13	0
BHANDARDRA	0.53	3.48	46	11
ELDARY	0.25	0.57	11	10
SMLHY_PTN	0.80	4.98	40	30
GHATGHAR	1.11	9.12	250	0
Total	4.24	30.55		
Wind				
Total	8.72	51.32	0	0
Total	8.72	51.32		
CPP				
APML(Mus)	49.48	358.30	0	0
JSWEL(Mus)	22.95	156.92	0	0
VIPL(Mus)	10.82	77.90	0	0
RPLAMT(Mus)	20.60	151.63	0	0
WPCL(Mus)	5.85	36.61	0	0
Other(Mus)	10.93	76.04	0	0
Total	120.63	857.40		
SOLAR				
Total	1.19	7.76	0	0
Total	1.19	7.76		
Tata				
Trombay 5	9.31	64.78	469	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	16.76	115	86
Trombay 7B	1.50	10.55	68	58
Trombay 8	5.48	38.29	252	200
TATA Hydro	2.31	15.50	286	12
Total	20.98	145.89		
R-INFRA				
1-2	10.33	73.55	516	397
Total	10.33	73.55		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.74	768.15
MSPGCL Thml+Gas	120.36	832.47

Koradi 8	6.52	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.30	67.92
MSPGCL Total	127.66	900.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.52	31.06
State Total	289.51	2036.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Dec/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	4760	121	456	5337	701	4452	0	2580	2604	-907	12187	20	12207	1972	14179	49.99
2	4754	156	456	5366	778	4464	0	2603	2225	-741	12092	11	12103	1807	13910	49.99
3	4698	156	456	5310	723	4451	0	2558	2109	-644	11949	16	11965	1707	13672	49.99
4	4750	166	457	5373	590	4453	0	2426	2063	-575	11904	16	11920	1643	13563	49.97
5	4763	124	457	5344	543	4448	0	2719	2405	-574	12166	16	12182	1639	13821	49.98
6	4750	123	457	5330	438	4496	0	3623	3305	-669	12900	20	12920	1735	14655	50.00
7	4726	128	457	5311	409	4604	0	4738	4644	-803	14165	20	14185	1883	16068	49.91
8	4651	679	454	5784	321	4873	15	4965	4930	-773	15150	20	15170	2003	17173	49.85
9	4653	772	463	5888	211	5305	67	5076	4951	-1093	15329	20	15349	2260	17609	49.92
10	4741	642	450	5833	278	5640	129	5116	5143	-1125	15898	20	15918	2622	18540	49.93
11	4836	590	438	5864	425	5897	159	5187	5094	-1173	16266	20	16286	2795	19081	49.94
12	4853	395	423	5671	388	5841	182	5248	4527	-1250	15359	20	15379	2878	18257	49.95
13	5007	284	426	5717	274	5816	174	5270	4606	-1199	15388	20	15408	2869	18277	50.00
14	4996	289	437	5722	194	5632	170	5220	4808	-1168	15358	23	15381	2810	18191	49.98
15	4984	270	423	5677	104	5454	142	5211	5378	-1261	15494	14	15508	2827	18335	49.91
16	4903	401	401	5705	81	5633	102	5164	5257	-1183	15595	14	15609	2821	18430	49.94
17	4899	242	425	5566	115	5635	44	5094	5067	-1311	15116	14	15130	2842	17972	49.90
18	4659	278	422	5359	158	5322	5	4206	4193	-1449	13588	14	13602	2803	16405	49.89
19	4825	429	425	5679	234	5334	0	4789	4510	-1447	14310	14	14324	2824	17148	49.94
20	4783	293	433	5509	222	5063	0	5094	4608	-1340	14062	14	14076	2731	16807	49.96
21	4775	182	443	5400	306	4592	0	5010	4579	-1345	13532	14	13546	2599	16145	49.97
22	4781	186	450	5417	379	4482	0	4337	3957	-1273	12962	14	12976	2419	15395	50.04
23	4774	193	458	5425	424	4468	0	3505	3240	-1209	12348	14	12362	2272	14634	49.96
24	4789	199	449	5437	420	4455	0	3148	3266	-1108	12470	14	12484	2172	14656	49.97
MUs	115.1 1	7.30	10.62	133.02	8.72	120.81	1.19	102.89	97.47	-25.62	335.59	0.40	335.99	56.93	392.92	49.95

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 07/Dec/2015

Position as on 6.30 Hrs of 08/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	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	Chandrapur Unit 6	500	30/11/2015	20.01		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 7	210	06/12/2015	04.40	08/12/2015	00.47	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	06/12/2015	16.15		Continued.	Rotor E/F.	
MSPGCL	Koradi Unit-8	660	07/12/2015	07.31	07/12/2015	10.47	system communication problem	
MSPGCL	Khaparkheda Unit 4	210	08/12/2015	05.15		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 08/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/12/2015	06.46	07/12/2015	12.21	PO	Deblock order rejected indication testing work at padghe end
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	06/12/2015	14.10	07/12/2015	06.58	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/12/2015	16.42	07/12/2015	06.57	HT	Over Voltage
Wardha (Pg) Warora I	InterState	07/12/2015	10.14		Continued.	PO	Lilo work for IEPL Plant
Dhule Sar'Sarovar I	InterState	07/12/2015	17.20		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.
Karad - Jaigad - II	IntraState	05/12/2015	16.37		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	06/12/2015	16.09	07/12/2015	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/12/2015	17.13	07/12/2015	06.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/12/2015	21.44	07/12/2015	08.05	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	07/12/2015	10.15	07/12/2015	17.45	PO	Annual Maintenance Work
Babhaleshwar - Padghe-I	IntraState	07/12/2015	12.21	07/12/2015	15.47	T	Distance Protection
karad -kolhapur-II	IntraState	07/12/2015	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/12/2015	17.24		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/12/2015	21.24		Continued.	HT	Over Voltage
Nagothane - Dabhol I	IntraState	08/12/2015	05.58		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220KV 500MVA ICT 2@koradi 2	IntraState	02/12/2015	12.35		Continued.	T	Differential protection
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).
Nasik Navsari I	InterState	07/12/2015	08.39	07/12/2015	18.30	PO	Insulator Replacement Work
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).
Pophli Pedhmbe Line- 2	IntraState	07/12/2015	09.56	07/12/2015	12.17	HT	black start work
Pohali-Nerle	IntraState	07/12/2015	10.07	07/12/2015	12.38	HT	black start work
New Koyna - Pophali-II	IntraState	07/12/2015	10.57	07/12/2015	12.37	PO	black start work
Apta - Hoc	IntraState	07/12/2015	11.36	07/12/2015	12.21	PO	Testing Work
REL Borivali Aarey Line	IntraState	08/12/2015	00.16	08/12/2015	02.58	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
100 KV LINE 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 07/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 08/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Borivali II - TATA II	IntraState	05/12/2015	22.08	07/12/2015	00.02	PO	220KV Bus Strengthening Work @ Borivali.