

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Dec/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.767	998.661	1) Gujrat	-0.446	18.160
2) Hydro	9.040	84.020	2) Madhya Pradesh	7.101	65.294
3) Gas	9.110	84.150	3) Chattisgarh	5.840	49.060
Total MSPGCL	132.917	1166.831	4) Maharashtra Net	79.844	740.292
B) 1) APMIL	51.568	459.414	5) Goa (Amona)	-0.516	-4.838
2) JSWEL	22.667	201.838	6) TAPS 1&2 Injection	3.564	32.013
3) VIPL	10.110	98.185	7) RGPPL Injection	6.316	56.630
4) RPL(AMT)	19.090	190.340	8) Pench (MS)	0.213	2.090
5) WPCL	5.798	48.246	9) Pench (Excess)	-0.213	-2.090
6) Other IPP	11.160	97.776	Total	101.490	954.521
C) 1) TPCL Thermal	14.658	131.824	a) Mumbai Schedule	19.732	177.263
2) TPCL Hydro	3.196	21.351	b) Mumbai Drawl	25.442	230.113
3) TPCL Gas	2.851	34.020	c) MSEDCL Bilateral *	27.218	232.822
4) R-INFRA Thermal	10.336	93.527	Include PX	-1.218	-4.471
D) STATE			d) Mumbai Bilateral *	19.732	177.263
1) Thermal	260.154	2319.811	Include PX	0.077	1.878
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.236	105.371	H) ENERGY CATERED (MUs)		
3) Gas	11.961	118.170	1) MSEDCL	337.072	3063.186
4) Wind	6.525	66.038	2) Mumbai Discoms	56.483	510.832
6) SOLAR	1.189	10.110	TOTAL STATE	393.555	3574.018
TOTAL STATE	292.065	2619.500			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5002	4874	4762	4696
MSPGCL Hydro	542	516	466	147
MSPGCL Gas	426	299	289	469
MSPGCL Total Generation	5970	5689	5517	5312
Central Sector Receipt	5507	5557	5148	2565
WIND	153	31	56	449
CPP / IPP	5650	5626	5316	4386
SOLAR	178	98	0	0
Exchange with Mumbai	-1198	-1150	-1346	-637
MSEDCL DEMAND MET	16260	15851	14691	12075
Load Shedding	22	12	12	18
MSEDCL DEMAND	16282	15863	14703	12093
TPCL GENERATION	1130	1091	1053	664
R-INFRA GENERATION	517	517	403	401
MUMBAI DEMAND	2845	2758	2802	1702
STATE DEMAND MET	19105	18609	17493	13777
STATE DEMAND	19127	18621	17505	13795
Frequency (Hz)	49.94	49.92	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 21:56 Hrs	49.7 Hz at 09:08 Hrs	49.94	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 09/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.86	25.60	125	115
Unit 6	0.00	0.00	0	0
Unit 7	3.59	14.28	161	135
Total	6.45	39.87		
Bhusawal				
Unit 2	4.00	36.62	190	145
Unit 3	3.98	36.60	175	150
Unit 4	10.98	94.00	500	420
Unit 5	11.06	95.80	515	420
Total	30.01	263.02		
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	2.98	26.37	129	117
Unit 3	4.14	38.74	184	164
Unit 4	4.28	39.53	183	174
Unit 5	9.22	85.39	400	366
Unit 6	0.00	0.00	0	0
Unit 7	9.77	88.49	424	390
Total	30.41	278.52		
Paras				
Unit 3	4.34	44.37	198	163
Unit 4	5.36	38.15	255	190
Total	9.70	82.52		
Khaparkheda				
Unit 1	3.96	33.54	180	145
Unit 2	3.88	33.65	175	140
Unit 3	0.00	32.06	0	0
Unit 4	0.00	22.65	0	0
Unit 5	9.71	84.27	490	370
Total	17.54	206.17		
Nasik				
Unit 3	3.74	10.70	195	50
Unit 4	4.56	39.58	198	182
Unit 5	4.65	41.75	197	191
Total	12.95	92.04		
Uran				
All Units	9.11	84.15	475	283
Total	9.11	84.15		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.21	2.09	37	0
Total	0.21	2.09		
Koyna				
Stage 1-2	2.44	22.00	330	40
Stage 4	0.04	13.44	37	0
Stage 3	1.20	7.92	160	0
Total	3.68	43.36		
Hydro				
KDPH	0.88	5.80	37	36
VTRNA	0.64	4.95	61	0
TILLARI	0.18	1.75	61	0
BHTGR/VEER	0.06	0.36	3	2
BHIRA T.R.	0.08	1.08	40	0
RNGR+BHTSA	0.10	2.08	15	0
BHANDARDRA	0.50	4.49	45	11
ELDARY	0.24	1.06	11	10
SMLHY_PTN	0.81	6.55	40	31
GHATGHAR	1.85	12.55	200	0
Total	5.36	40.66		
Wind				
Total	6.52	66.04	0	0
Total	6.52	66.04		
CPP				
APML(Mus)	51.57	459.41	0	0
JSWEL(Mus)	22.67	201.84	0	0
VIPL(Mus)	10.11	98.18	0	0
RPLAMT(Mus)	19.09	190.34	0	0
WPCL(Mus)	5.80	48.25	0	0
Other(Mus)	11.16	97.78	0	0
Total	120.39	1095.80		
SOLAR				
Total	1.19	10.11	0	0
Total	1.19	10.11		
Tata				
Trombay 5	9.16	82.61	470	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.62	20.74	90	59
Trombay 7B	1.23	13.28	59	47
Trombay 8	5.50	49.21	248	201
TATA Hydro	3.20	21.35	325	0
Total	20.70	187.20		
R-INFRA				
1-2	10.34	93.53	517	401
Total	10.34	93.53		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.77	998.66
MSPGCL Thml+Gas	123.88	1082.81

Koradi 8	7.71	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.04	84.02
MSPGCL Total	132.92	1166.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.48	35.44
State Total	292.06	2619.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4716	153	466	5335	517	4361	0	3088	3161	-900	12474	18	12492	1969	14461	49.96
2	4701	148	471	5320	533	4363	0	3026	2867	-729	12354	12	12366	1795	14161	49.96
3	4696	147	469	5312	449	4386	0	2830	2565	-637	12075	18	12093	1702	13795	49.97
4	4717	148	467	5332	421	4389	0	2716	2624	-577	12189	18	12207	1646	13853	49.95
5	4706	152	475	5333	518	4499	0	3253	2655	-556	12449	18	12467	1625	14092	50.00
6	4755	147	464	5366	599	4498	0	3452	3317	-666	13114	22	13136	1733	14869	49.98
7	4769	272	473	5514	741	4512	0	4198	4335	-838	14264	22	14286	1884	16170	49.88
8	4784	616	447	5847	686	4628	16	4789	4916	-908	15185	22	15207	1990	17197	49.90
9	4836	517	450	5803	551	5078	72	4942	4926	-1031	15399	22	15421	2223	17644	49.84
10	4987	802	437	6226	369	5384	123	5016	4840	-1181	15761	22	15783	2566	18349	49.88
11	5020	724	448	6192	274	5641	167	5116	4965	-1264	15975	22	15997	2817	18814	49.92
12	5002	542	426	5970	153	5650	178	5147	5507	-1198	16260	22	16282	2845	19127	49.94
13	4968	432	335	5735	73	5656	182	5144	4987	-1171	15462	22	15484	2816	18300	49.95
14	4947	412	284	5643	54	5586	152	5131	4696	-1131	15000	22	15022	2721	17743	49.99
15	4931	464	283	5678	38	5621	138	5133	5191	-1173	15493	12	15505	2758	18263	49.93
16	4874	516	299	5689	31	5626	98	5085	5557	-1150	15851	12	15863	2758	18621	49.92
17	4723	366	284	5373	48	5496	55	4999	4738	-1154	14556	12	14568	2756	17324	49.88
18	4747	350	307	5404	38	5408	8	4318	4112	-1255	13715	12	13727	2735	16462	49.96
19	4762	466	289	5517	56	5316	0	4956	5148	-1346	14691	12	14703	2802	17505	49.93
20	4582	531	304	5417	25	5232	0	5052	4931	-1383	14222	12	14234	2752	16986	49.93
21	4548	301	309	5158	31	5094	0	4802	4615	-1432	13466	12	13478	2608	16086	49.98
22	4667	228	308	5203	72	4758	0	4113	3954	-1396	12591	12	12603	2467	15070	49.99
23	4694	321	307	5322	115	4624	0	3357	3548	-1238	12371	12	12383	2312	14695	49.94
24	4635	285	308	5228	133	4586	0	3543	3335	-1128	12154	12	12166	2203	14369	50.00
MUs	114.77	9.04	9.11	132.92	6.53	120.39	1.19	103.21	101.49	-25.44	337.07	0.40	337.47	56.48	393.96	49.94

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 09/Dec/2015

Position as on 6.30 Hrs of 10/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	Khaparkheda Unit 4	210	08/12/2015	17.38		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	08/12/2015	19.53	10/12/2015	05.10	Air heater problem	
MSPGCL	Uran Unit B0	120	09/12/2015	12.34		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	09/12/2015	12.42		Continued.	Gas shortage	
IPP	VIPL U-2	300	09/12/2015	23.51		Continued.	Inspection and Testing of U -2 Boiler	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 10/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	08/12/2015	17.24	09/12/2015	06.56	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/12/2015	17.55	09/12/2015	07.07	HT	Over Voltage
Talegaon(Pg) Padgha	InterState	09/12/2015	13.48	09/12/2015	16.13	T	Distance Protection
Karad Solapur (PG)	InterState	09/12/2015	15.39		Continued.	EO	Hot Spot (RFC 18.58Hrs)
Dhule Sar'Sarovar I	InterState	09/12/2015	19.03	10/12/2015	06.26	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	09/12/2015	12.53	HT	Over Voltage
karad -kolhapur-I	IntraState	08/12/2015	16.29	09/12/2015	15.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/12/2015	17.24	09/12/2015	07.28	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/12/2015	21.58	09/12/2015	08.00	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	09/12/2015	08.14	09/12/2015	18.33	PO	CVT Replacement
Bhusawal-Aurangabad	IntraState	09/12/2015	17.05	10/12/2015	06.22	HT	Over Voltage
karad -kolhapur-II	IntraState	09/12/2015	17.22		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/12/2015	20.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/12/2015	22.02		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
400/220KV 500MVA ICT 2@koradi 2	IntraState	02/12/2015	12.35		Continued.	T	Differential protection
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	09/12/2015	21.54	10/12/2015	02.54	EO	Annual Maint.and Testing work
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	09/12/2015	09.21	09/12/2015	18.38	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).
REL Borivali Aarey Line	IntraState	09/12/2015	05.04	09/12/2015	07.18	PO	Testing Work
Ghodbunder Gorai Line	IntraState	09/12/2015	08.18	09/12/2015	18.01	PO	For Bunching of 220KV Ghodbandar-Versova and Ghodbandar-Gorai
TPC Borivali Aarey Line 1	IntraState	09/12/2015	13.40	09/12/2015	16.42	T	Distance Protection
Pedambe-Pophali	IntraState	09/12/2015	14.00	09/12/2015	14.20	PO	SF6 Gas Refilling work
Ranjangaon-Lonikand	IntraState	09/12/2015	17.25	09/12/2015	18.14	EO	To attend Hot Spot
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