

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Dec/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.111	889.258	1) Gujrat	-1.290	18.606
2) Hydro	7.055	74.980	2) Madhya Pradesh	6.270	58.193
3) Gas	10.715	75.040	3) Chattisgarh	5.280	43.220
Total MSPGCL	138.881	1039.278	4) Maharashtra Net	80.395	660.448
B) 1) APML	49.547	407.846	5) Goa (Amona)	-0.538	-4.322
2) JSWEL	22.254	179.171	6) TAPS 1&2 Injection	3.565	28.449
3) VIPL	10.178	88.075	7) RGPPL Injection	6.284	50.314
4) RPL(AMT)	19.620	171.250	8) Pench (MS)	0.411	1.877
5) WPCL	5.837	42.448	9) Pench (Excess)	-0.411	-1.877
6) Other IPP	10.575	86.616	Total	99.555	853.031
C) 1) TPCL Thermal	14.090	117.166	a) Mumbai Schedule	20.125	157.532
2) TPCL Hydro	2.652	18.155	b) Mumbai Drawl	26.757	204.671
3) TPCL Gas	3.860	31.169	c) MSEDCL Bilateral *	28.878	205.604
4) R-INFRA Thermal	9.645	83.191	Include PX	-0.913	-3.253
D) STATE			d) Mumbai Bilateral *	20.125	157.532
1) Thermal	262.857	2065.021	Include PX	0.649	1.801
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.707	93.135	H) ENERGY CATERED (MUs)		
3) Gas	14.575	106.209	1) MSEDCL	339.049	2731.478
4) Wind	8.194	59.513	2) Mumbai Discoms	57.003	454.349
6) SOLAR	1.165	8.921	TOTAL STATE	396.052	3185.827
TOTAL STATE	296.498	2332.799			

* 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 4 Hrs
MSPGCL Thermal	5382	5390	5000	4875
MSPGCL Hydro	390	326	495	126
MSPGCL Gas	419	420	446	459
MSPGCL Total Generation	6191	6136	5941	5460
Central Sector Receipt	5120	5148	4802	2598
WIND	289	190	312	551
CPP / IPP	5513	5337	5105	4436
SOLAR	167	215	0	0
Exchange with Mumbai	-1359	-1353	-1469	-619
MSEDCL DEMAND MET	15921	15673	14691	12426
Load Shedding	18	18	10	14
MSEDCL DEMAND	15939	15691	14701	12440
TPCL GENERATION	1120	1122	959	664
R-INFRA GENERATION	404	402	402	401
MUMBAI DEMAND	2883	2877	2830	1684
STATE DEMAND MET	18804	18550	17521	14110
STATE DEMAND	18822	18568	17531	14124
Frequency (Hz)	49.96	49.94	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13:01 Hrs	49.73 Hz at 06:42 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 08/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.84	22.74	120	115
Unit 6	0.00	0.00	0	0
Unit 7	3.42	10.69	165	20
Total	6.26	33.42		
Bhusawal				
Unit 2	3.95	32.62	180	150
Unit 3	3.97	32.62	175	155
Unit 4	10.91	83.02	500	425
Unit 5	10.93	84.74	505	420
Total	29.76	233.00		
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	2.92	23.38	128	116
Unit 3	4.18	34.60	183	164
Unit 4	4.28	35.25	183	172
Unit 5	9.11	76.16	395	360
Unit 6	0.00	0.00	0	0
Unit 7	9.59	78.72	415	374
Total	30.07	248.11		
Paras				
Unit 3	5.14	40.03	236	192
Unit 4	5.36	38.15	249	208
Total	10.50	78.18		
Khaparkheda				
Unit 1	3.70	29.59	170	120
Unit 2	3.72	29.78	175	135
Unit 3	3.40	32.06	185	0
Unit 4	2.37	22.65	165	0
Unit 5	9.78	74.56	490	370
Total	22.96	188.63		
Nasik				
Unit 3	2.78	6.96	190	0
Unit 4	4.52	35.02	192	184
Unit 5	4.59	37.10	196	184
Total	11.88	79.09		
Uran				
All Units	10.72	75.04	478	419
Total	10.72	75.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.41	1.88	50	0
Total	0.41	1.88		
Koyna				
Stage 1-2	1.90	19.55	265	40
Stage 4	0.00	13.40	0	0
Stage 3	0.40	6.72	80	0
Total	2.30	39.68		
Hydro				
KDPH	0.74	4.91	37	18
VTRNA	0.52	4.31	61	0
TILLARI	0.00	1.57	0	0
BHTGR/VEER	0.06	0.30	3	2
BHIRA T.R.	0.09	1.00	40	0
RNGR+BHTSA	0.25	1.98	11	10
BHANDARDRA	0.52	3.99	45	11
ELDARY	0.25	0.81	11	10
SMLHY_PTN	0.76	5.74	38	28
GHATGHAR	1.57	10.70	226	0
Total	4.76	35.30		
Wind				
Total	8.19	59.51	0	0
Total	8.19	59.51		
CPP				
APML(Mus)	49.55	407.85	0	0
JSWEL(Mus)	22.25	179.17	0	0
VIPL(Mus)	10.18	88.08	0	0
RPLAMT(Mus)	19.62	171.25	0	0
WPCL(Mus)	5.84	42.45	0	0
Other(Mus)	10.58	86.62	0	0
Total	118.01	975.41		
SOLAR				
Total	1.16	8.92	0	0
Total	1.16	8.92		
Tata				
Trombay 5	8.67	73.45	473	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	19.12	115	88
Trombay 7B	1.50	12.05	68	58
Trombay 8	5.42	43.71	250	199
TATA Hydro	2.65	18.16	294	0
Total	20.60	166.49		
R-INFRA				
1-2	9.64	83.19	405	399
Total	9.64	83.19		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.11	889.26
MSPGCL Thml+Gas	131.83	964.30

Koradi 8	9.68	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.06	74.98
MSPGCL Total	138.88	1039.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.90	32.95
State Total	296.50	2332.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4796	155	458	5409	482	4440	0	3251	3037	-929	12439	15	12454	1992	14446	49.97
2	4822	135	459	5416	505	4426	0	3183	2822	-771	12398	9	12407	1838	14245	49.96
3	4875	121	460	5456	507	4434	0	2940	2735	-677	12455	14	12469	1741	14210	49.96
4	4875	126	459	5460	551	4436	0	2705	2598	-619	12426	14	12440	1684	14124	49.95
5	4749	127	468	5344	542	4532	0	3253	2705	-609	12514	14	12528	1674	14202	49.97
6	4730	127	463	5320	496	4573	0	4127	3684	-700	13373	14	13387	1766	15153	49.98
7	4878	180	461	5519	426	4733	0	4704	4372	-763	14287	18	14305	1900	16205	49.89
8	5208	210	471	5889	374	4988	18	4982	5175	-864	15580	18	15598	2002	17600	49.96
9	5208	410	478	6096	249	5238	66	5077	5070	-1023	15696	18	15714	2312	18026	49.94
10	5290	571	445	6306	265	5378	115	5120	4976	-1144	15896	18	15914	2597	18511	49.94
11	5340	520	451	6311	300	5504	143	5219	4875	-1271	15862	18	15880	2807	18687	49.97
12	5382	390	419	6191	289	5513	167	5280	5120	-1359	15921	18	15939	2883	18822	49.96
13	5390	326	420	6136	190	5337	215	5288	5148	-1353	15673	18	15691	2877	18568	49.94
14	5396	223	421	6040	136	5307	147	5222	4902	-1279	15253	18	15271	2763	18034	49.96
15	5343	366	421	6130	78	5318	138	5217	4963	-1312	15315	14	15329	2799	18128	49.94
16	5301	381	433	6115	59	5305	122	5195	5166	-1314	15453	10	15463	2815	18278	49.90
17	5283	462	420	6165	88	5329	29	5103	4881	-1362	15130	10	15140	2798	17938	49.91
18	5116	505	429	6050	215	5136	5	4068	3910	-1480	13836	10	13846	2771	16617	49.88
19	5000	495	446	5941	312	5105	0	4832	4802	-1469	14691	10	14701	2830	17531	49.92
20	4975	453	458	5886	356	4968	0	4912	4507	-1449	14268	10	14278	2755	17033	49.96
21	4833	254	429	5516	428	4670	0	4526	4250	-1389	13475	10	13485	2562	16047	49.94
22	4811	184	446	5441	438	4479	0	4379	3349	-1334	12373	10	12383	2414	14797	50.00
23	4768	173	442	5383	465	4439	0	3566	3374	-1211	12450	10	12460	2279	14739	49.96
24	4742	161	458	5361	443	4425	0	3437	3134	-1076	12287	10	12297	2145	14442	49.97
MUs	121.1 1	7.05	10.72	138.88	8.19	118.01	1.17	105.59	99.56	-26.76	339.05	0.33	339.38	57.00	396.38	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 08/Dec/2015

Position as on 6.30 Hrs of 09/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	08/12/2015	05.07	Rotor E/F.	
MSPGCL	Khaparkheda Unit 4	210	08/12/2015	05.15	08/12/2015	07.40	Low furnace pressure	
MSPGCL	Khaparkheda Unit 4	210	08/12/2015	17.38		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	08/12/2015	19.53		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 09/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							
Wardha (Pg) Warora I	InterState	07/12/2015	10.14	08/12/2015	17.38	PO	Lilo work for IEPL Plant
Dhule Sar'Sarovar I	InterState	07/12/2015	17.20	08/12/2015	06.54	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/12/2015	18.04	08/12/2015	06.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/12/2015	17.24		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/12/2015	17.55		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-II	IntraState	07/12/2015	16.35	08/12/2015	09.12	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/12/2015	17.24	08/12/2015	07.19	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/12/2015	21.24	08/12/2015	09.12	HT	Over Voltage
Nagothane - Dabhol I	IntraState	08/12/2015	05.58	08/12/2015	12.58	T	Distance Protection
Bus Coupler @ Kalwa	IntraState	08/12/2015	11.52	08/12/2015	13.12	PO	Attending Hot Spot
Babhaleshwar - Padghe-I	IntraState	08/12/2015	13.43	08/12/2015	15.01	T	Distance Protection
karad -kolhapur-I	IntraState	08/12/2015	16.29		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/12/2015	17.24		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/12/2015	21.58		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
400/220kv 315 Mva ICT II @Karad	IntraState	08/12/2015	11.00	08/12/2015	20.00	PO	Replacement work
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	08/12/2015	17.33		Continued.	PO	CT oil leakage
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	08/12/2015	08.14	08/12/2015	18.08	PO	Line Maintenance 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.
Wadkhal - 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	08/12/2015	00.16	08/12/2015	02.58	T	Distance Protection
Mudshingi-Wathar	IntraState	08/12/2015	10.32	08/12/2015	15.44	PO	Quarterly Maintainance Work
Karad - Vita Ckt- II	IntraState	08/12/2015	11.01	08/12/2015	13.21	PO	Attending Hot Spot
Oni Kharepatan Line	IntraState	08/12/2015	12.42	08/12/2015	16.12	PO	Annual Maintenance Work
karad - Dasgaon	IntraState	08/12/2015	12.54	08/12/2015	13.39	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