

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Dec/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.976	3069.213	1) Gujrat	-8.728	-29.890
2) Hydro	5.650	197.006	2) Madhya Pradesh	1.209	151.323
3) Gas	8.549	205.962	3) Chattisgarh	3.420	117.200
Total MSPGCL	146.175	3472.181	4) Maharashtra Net	51.438	1956.297
B) 1) APML	33.127	1231.127	5) Goa (Amona)	-0.688	-13.552
2) JSWEL	18.122	553.952	6) TAPS 1&2 Injection	3.711	89.057
3) VIPL	10.129	239.038	7) RGPPL Injection	6.300	157.425
4) RPL(AMT)	24.946	539.419	8) Pench (MS)	0.299	5.292
5) WPCL	4.351	135.464	9) Pench (Excess)	-0.299	-5.292
6) Other IPP	10.890	273.011	Total	56.363	2422.568
C) 1) TPCL Thermal	12.369	349.354	a) Mumbai Schedule	13.295	432.210
2) TPCL Hydro	0.816	67.814	b) Mumbai Drawl	15.533	562.143
3) TPCL Gas	3.743	78.088	c) MSEDCL Bilateral *	8.518	583.463
4) R-INFRA Thermal	9.715	251.897	Include PX	-16.059	-89.804
D) STATE			d) Mumbai Bilateral *	13.295	432.210
1) Thermal	255.625	6642.475	Include PX	-0.983	11.341
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.466	264.820	H) ENERGY CATERED (MUs)		
3) Gas	12.292	284.050	1) MSEDCL	303.351	8479.390
4) Wind	13.578	146.293	2) Mumbai Discoms	42.176	1309.283
6) SOLAR	1.203	28.480	TOTAL STATE	345.527	9788.673
TOTAL STATE	289.164	7366.118			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5537	5687	5674	5608
MSPGCL Hydro	572	160	177	122
MSPGCL Gas	310	296	453	455
MSPGCL Total Generation	6419	6143	6304	6185
Central Sector Receipt	3861	4021	3247	39
WIND	790	376	219	714
CPP / IPP	4054	4224	4265	4234
SOLAR	122	199	0	0
Exchange with Mumbai	-768	-859	-961	-583
MSEDCL DEMAND MET	14478	14104	13074	10589
Load Shedding	14	14	13	13
MSEDCL DEMAND	14492	14118	13087	10602
TPCL GENERATION	731	788	742	652
R-INFRA GENERATION	405	408	404	402
MUMBAI DEMAND	1904	2055	2107	1637
STATE DEMAND MET	16382	16159	15181	12226
STATE DEMAND	16396	16173	15194	12239
Frequency (Hz)	49.95	49.92	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.01 Hrs	49.75 Hz at 08.51 Hrs	49.99	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 25/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.94	70.58	125	119
Unit 6	0.00	0.00	0	0
Unit 7	3.44	73.61	172	115
Unit 8	10.86	219.21	495	381
Total	17.24	363.39		
Bhusawal				
Unit 2	4.08	84.08	180	160
Unit 3	4.06	102.88	175	165
Unit 4	10.09	261.64	430	400
Unit 5	10.04	262.68	440	390
Total	28.26	711.29		
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	3.03	74.76	133	123
Unit 3	4.21	107.65	183	170
Unit 4	4.32	109.84	185	168
Unit 5	9.07	229.10	395	365
Unit 6	9.28	119.20	400	375
Unit 7	9.93	246.47	425	404
Total	39.85	887.02		
Paras				
Unit 3	5.21	116.22	227	205
Unit 4	5.04	117.08	215	203
Total	10.24	233.30		
Khaparkheda				
Unit 1	3.90	95.29	170	145
Unit 2	4.11	94.28	175	165
Unit 3	4.03	92.02	179	165
Unit 4	3.88	83.21	164	160
Unit 5	6.90	213.81	390	0
Total	22.82	578.60		
Nasik				
Unit 3	4.46	82.75	195	180
Unit 4	4.46	97.05	195	180
Unit 5	4.63	115.81	197	181
Total	13.56	295.61		
Uran				
All Units	8.55	205.96	462	291
Total	8.55	205.96		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.30	5.29	43	0
Total	0.30	5.29		
Koyna				
Stage 1-2	1.58	58.61	310	40
Stage 4	0.75	19.79	471	0
Stage 3	0.29	17.20	126	0
Total	2.62	95.60		
Hydro				
KDPH	0.44	13.33	19	18
VTRNA	0.61	13.96	61	0
TILLARI	0.00	2.41	0	0
BHTGR/VEER	0.05	1.13	3	2
BHIRA T.R.	0.11	3.96	40	0
RNGR+BHTSA	0.25	6.52	13	0
BHANDARDRA	0.00	8.78	0	0
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.87	19.24	37	36
GHATGHAR	0.69	30.42	250	0
Total	3.03	101.41		
Wind				
Total	13.58	146.29	0	0
Total	13.58	146.29		
CPP				
APML(Mus)	33.13	1231.13	0	0
JSWEL(Mus)	18.12	553.95	0	0
VIPL(Mus)	10.13	239.04	0	0
RPLAMT(Mus)	24.95	539.42	0	0
WPCL(Mus)	4.35	135.46	0	0
Other(Mus)	10.89	273.01	0	0
Total	101.56	2972.01		
SOLAR				
Total	1.20	28.48	0	0
Total	1.20	28.48		
Tata				
Trombay 5	7.58	217.23	320	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.27	46.11	116	68
Trombay 7B	1.48	31.98	72	48
Trombay 8	4.78	132.12	203	192
TATA Hydro	0.82	67.81	100	15
Total	16.93	495.26		
R-INFRA				
1-2	9.72	251.90	408	402
Total	9.72	251.90		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.98	3069.21
MSPGCL Thml+Gas	140.52	3275.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.65	197.01
MSPGCL Total	146.18	3472.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.33	78.40
State Total	289.16	7366.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5202	96	314	5612	839	4275	0	1372	1155	-486	11395	19	11414	1536	12950	49.96
2	5176	96	325	5597	780	4260	0	1173	1112	-369	11380	10	11390	1414	12804	49.98
3	5102	111	315	5528	790	4271	0	1069	926	-297	11218	10	11228	1344	12572	50.00
4	5092	101	325	5518	731	4261	0	1069	869	-215	11164	10	11174	1258	12432	50.07
5	5192	112	316	5620	798	4252	0	1301	982	-218	11434	10	11444	1264	12708	50.02
6	5246	114	327	5687	861	4249	0	2041	1377	-300	11874	14	11888	1346	13234	50.03
7	5348	144	322	5814	993	4248	2	2127	1989	-359	12687	14	12701	1420	14121	49.99
8	5461	987	318	6766	975	4223	13	1604	1950	-444	13483	14	13497	1496	14993	49.98
9	5509	884	303	6696	886	4144	59	2916	3066	-483	14368	14	14382	1682	16064	49.93
10	5537	572	310	6419	790	4054	122	3890	3861	-768	14478	14	14492	1904	16396	49.95
11	5616	356	291	6263	654	4113	150	4538	4022	-851	14351	14	14365	2000	16365	49.96
12	5663	221	307	6191	462	4229	179	4356	4143	-890	14314	14	14328	2046	16374	49.95
13	5687	160	296	6143	376	4224	199	4054	4021	-859	14104	14	14118	2055	16173	49.92
14	5718	115	314	6147	227	4211	155	4039	3856	-782	13814	17	13831	1933	15764	50.03
15	5667	125	326	6118	156	4230	158	3682	3506	-775	13393	13	13406	1928	15334	49.96
16	5651	145	371	6167	144	4232	100	3636	3689	-737	13595	13	13608	1928	15536	49.97
17	5674	140	362	6176	143	4231	58	3582	3335	-756	13187	13	13200	1928	15128	49.98
18	5664	181	392	6237	192	4269	8	3116	2357	-852	12211	13	12224	1971	14195	49.99
19	5674	177	453	6304	219	4265	0	4018	3247	-961	13074	13	13087	2107	15194	49.99
20	5683	172	440	6295	283	4275	0	3783	3059	-920	12992	13	13005	2108	15113	49.98
21	5594	176	450	6220	350	4294	0	2934	2210	-972	12102	13	12115	2101	14216	49.97
22	5609	171	455	6235	491	4273	0	2040	1125	-918	11206	13	11219	1974	13193	50.05
23	5603	172	462	6237	724	4251	0	1305	467	-738	10941	13	10954	1796	12750	49.99
24	5608	122	455	6185	714	4234	0	1393	39	-583	10589	13	10602	1637	12239	50.05
MUs	131.98	5.65	8.55	146.17	13.58	101.56	1.20	65.04	56.36	-15.53	303.35	0.32	303.67	42.18	345.84	49.99

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 25/Dec/2015

Position as on 6.30 Hrs of 26/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	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
MSPGCL	Khaparkheda Unit 5	500	22/12/2015	12.14	25/12/2015	04.05	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	22/12/2015	12.54	25/12/2015	16.50	Gas shortage	
MSPGCL	Uran Unit 8	108	22/12/2015	12.58	25/12/2015	12.26	Gas shortage	
IPP	JSW (J) U3	300	23/12/2015	13.18		Continued.	Economic shutdown	
IPP	Adani U-5	660	24/12/2015	17.40		Continued.	Leakage in HRH Line	
IPP	RPL(AMT) U-5	270	25/12/2015	08.39	25/12/2015	09.58	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 26/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	24/12/2015	16.47		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	24/12/2015	20.36	25/12/2015	09.02	HT	Over Voltage
Dabhol Nagothane II	InterState	25/12/2015	02.30		Continued.	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	25/12/2015	16.46		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/12/2015	21.45		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	19/12/2015	07.28		Continued.	HT	Over Voltage (RFC 17.58 Hrs)
Akola II - Taptitanda ckt-I	IntraState	22/12/2015	12.15		Continued.	PO	change over & availed outage(RFC 17.20Hrs)
Padghe - Nagothane - I	IntraState	24/12/2015	08.55	25/12/2015	09.42	PO	Insulator repl.work(RFC 18.30Hrs)
karad -kolhapur-II	IntraState	24/12/2015	15.57		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/12/2015	16.04		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/12/2015	16.28		Continued.	T	Distance Protection (RFC 19.19Hrs Dt.25-12-2015)
Bhusawal-Aurangabad	IntraState	24/12/2015	17.14	25/12/2015	08.40	HT	Over Voltage
Dhule- Bableshevar - I	IntraState	25/12/2015	00.47	25/12/2015	07.32	T	Over Voltage
Babhaleshwar - Padghe-II	IntraState	25/12/2015	08.28		Continued.	PO	Insulator repl.work(RFC 20.25Hrs)
Bhusawal-Aurangabad	IntraState	25/12/2015	17.03		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 Kv 600 MVA ICT-II @Kalwa	IntraState	23/12/2015	15.55		Continued.	PO	Y & B Phase Unit replacement(For 10days)
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	16/12/2015	09.34		Continued.	PO	Tower Erection and Stringing work
Nasik Navsari I	InterState	25/12/2015	08.27	25/12/2015	18.03	PO	Insulator replacement
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 - Ndi3	IntraState	14/11/2015	10.58		Continued.	PO	Strengthening work
Ghodbunder - Versova	IntraState	07/12/2015	08:45		Continued.	PO	Modification of existing towers from broad based to narrow based towers in MBMC area
Ghodbunder - Gorai	IntraState	09/12/2015	08:18		Continued.	PO	Modification of existing towers from broad based to narrow based towers in MBMC area
Boisar(M) - Ghodbunder	IntraState	16/12/2015	08.29		Continued.	PO	Tower Erection and Stringing work
Wadkhali - Ipcl 2	IntraState	19/12/2015	11.00		Continued.	PO	Conductor Replacement Work With High Amacity Conductor.
Wadkhali - Ndi 2	IntraState	23/12/2015	10.55		Continued.	PO	Strengthening work
Waluj- Padegaon li	IntraState	25/12/2015	05.05	25/12/2015	05.49	T	Distance Protection
Pedambe-Pophali	IntraState	25/12/2015	08.20	25/12/2015	19.05	PO	Repl.of B Phase Breaker Pole
Mudshingi-Wathar	IntraState	25/12/2015	15.44	25/12/2015	22.29	T	Insulator Decapping
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	25/12/2015	04.27	25/12/2015	08.38	T	Tripped on OLTC Bucchohz Relay
132 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 25/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padegaon Paithan	IntraState	25/12/2015	05.05	25/12/2015	05.53	T	Distance Protection