

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.419	3202.632	1) Gujrat	-8.294	-38.184
2) Hydro	7.063	204.069	2) Madhya Pradesh	-0.857	150.466
3) Gas	10.469	216.431	3) Chattisgarh	3.260	120.460
Total MSPGCL	150.951	3623.132	4) Maharashtra Net	52.679	2008.976
B) 1) APML	33.148	1264.275	5) Goa (Amona)	-0.518	-14.070
2) JSWEL	18.252	572.204	6) TAPS 1&2 Injection	3.714	92.771
3) VIPL	10.127	249.165	7) RGPPL Injection	6.297	163.722
4) RPL(AMT)	25.339	564.758	8) Pench (MS)	0.294	5.586
5) WPCL	4.383	139.847	9) Pench (Excess)	-0.294	-5.586
6) Other IPP	10.983	283.994	Total	55.987	2478.555
C) 1) TPCL Thermal	12.367	361.721	a) Mumbai Schedule	13.853	446.063
2) TPCL Hydro	1.800	69.614	b) Mumbai Drawl	15.046	577.189
3) TPCL Gas	3.790	81.878	c) MSEDCL Bilateral *	6.135	589.599
4) R-INFRA Thermal	9.705	261.602	Include PX	-14.807	-104.610
D) STATE			d) Mumbai Bilateral *	13.853	446.063
1) Thermal	257.723	6900.198	Include PX	-0.443	10.898
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.863	273.683	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.259	298.309	1) MSEDCL	308.670	8788.060
4) Wind	13.334	159.627	2) Mumbai Discoms	42.708	1351.991
6) SOLAR	1.212	29.692	TOTAL STATE	351.378	10140.051
TOTAL STATE	295.391	7661.509			

* 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 5 Hrs
MSPGCL Thermal	5509	5503	5554	5524
MSPGCL Hydro	567	564	427	111
MSPGCL Gas	438	428	441	475
MSPGCL Total Generation	6514	6495	6422	6110
Central Sector Receipt	4536	4187	3918	-454
WIND	343	245	332	802
CPP / IPP	4292	4249	4255	4235
SOLAR	176	178	0	0
Exchange with Mumbai	-705	-822	-1036	-163
MSEDCL DEMAND MET	15156	14532	13891	10530
Load Shedding	16	16	12	12
MSEDCL DEMAND	15172	14548	13903	10542
TPCL GENERATION	1040	916	761	652
R-INFRA GENERATION	404	403	404	407
MUMBAI DEMAND	2149	2141	2201	1222
STATE DEMAND MET	17305	16673	16092	11752
STATE DEMAND	17321	16689	16104	11764
Frequency (Hz)	49.99	50.01	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 00:00 Hrs	49.74 Hz at 17:40 Hrs	50	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 26/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.87	73.45	130	110
Unit 6	0.00	0.00	0	0
Unit 7	3.87	77.48	175	150
Unit 8	11.82	231.02	497	485
Total	18.56	381.95		
Bhusawal				
Unit 2	4.04	88.13	180	150
Unit 3	4.11	107.00	180	155
Unit 4	10.10	271.74	440	400
Unit 5	10.12	272.80	435	400
Total	28.37	739.66		
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	2.97	77.73	130	107
Unit 3	4.24	111.89	185	165
Unit 4	4.28	114.12	186	168
Unit 5	9.07	238.17	390	365
Unit 6	9.20	128.40	395	370
Unit 7	9.71	256.18	418	354
Total	39.46	926.48		
Paras				
Unit 3	4.99	121.22	221	198
Unit 4	5.00	122.08	214	199
Total	9.99	243.29		
Khaparkheda				
Unit 1	3.84	99.14	165	155
Unit 2	2.68	96.95	170	0
Unit 3	4.02	96.04	171	166
Unit 4	3.87	87.08	164	160
Unit 5	8.87	222.68	410	292
Total	23.28	601.89		
Nasik				
Unit 3	4.60	87.34	200	180
Unit 4	4.49	101.54	194	175
Unit 5	4.67	120.48	199	189
Total	13.76	309.36		
Uran				
All Units	10.47	216.43	485	302
Total	10.47	216.43		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.29	5.59	43	0
Total	0.29	5.59		
Koyna				
Stage 1-2	2.34	60.95	310	40
Stage 4	0.12	19.91	122	0
Stage 3	0.69	17.89	160	0
Total	3.15	98.75		
Hydro				
KDPH	0.44	13.77	19	18
VTRNA	0.55	14.51	61	0
TILLARI	0.00	2.41	0	0
BHTGR/VEER	0.05	1.18	3	2
BHIRA T.R.	0.08	4.04	40	0
RNGR+BHTSA	0.24	6.76	13	0
BHANDARDRA	0.00	8.78	0	0
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.75	19.99	32	31
GHATGHAR	1.80	32.22	250	0
Total	3.91	105.32		
Wind				
Total	13.33	159.63	0	0
Total	13.33	159.63		
CPP				
APML(Mus)	33.15	1264.28	0	0
JSWEL(Mus)	18.25	572.20	0	0
VIPL(Mus)	10.13	249.16	0	0
RPLAMT(Mus)	25.34	564.76	0	0
WPCL(Mus)	4.38	139.85	0	0
Other(Mus)	10.98	283.99	0	0
Total	102.23	3074.24		
SOLAR				
Total	1.21	29.69	0	0
Total	1.21	29.69		
Tata				
Trombay 5	7.54	224.77	316	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	48.42	115	79
Trombay 7B	1.48	33.46	68	56
Trombay 8	4.82	136.95	203	199
TATA Hydro	1.80	69.61	342	37
Total	17.96	513.21		
R-INFRA				
1-2	9.70	261.60	407	400
Total	9.70	261.60		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.42	3202.63
MSPGCL Thml+Gas	143.89	3419.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.06	204.07
MSPGCL Total	150.95	3623.13

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.46	80.86
State Total	295.39	7661.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5627	106	461	6194	788	4234	0	1396	47	-390	10873	18	10891	1445	12336	50.03
2	5615	111	463	6189	740	4244	0	979	-286	-258	10629	12	10641	1315	11956	50.02
3	5553	106	476	6135	834	4255	0	798	-396	-200	10628	12	10640	1254	11894	50.09
4	5564	106	463	6133	825	4242	0	632	-375	-158	10667	12	10679	1214	11893	50.02
5	5524	111	475	6110	802	4235	0	855	-454	-163	10530	12	10542	1222	11764	49.99
6	5518	275	464	6257	874	4226	0	1292	351	-260	11448	16	11464	1313	12777	50.01
7	5543	462	477	6482	920	4234	0	1946	1056	-361	12331	16	12347	1415	13762	50.00
8	5602	428	469	6499	942	4247	8	2693	2347	-479	13564	16	13580	1533	15113	49.97
9	5684	590	485	6759	856	4268	58	3356	3281	-629	14593	16	14609	1747	16356	49.96
10	5671	407	458	6536	539	4283	118	4297	4213	-711	14978	16	14994	1926	16920	49.98
11	5610	416	448	6474	355	4303	156	4344	4515	-765	15038	16	15054	2126	17180	49.96
12	5509	567	438	6514	343	4292	176	4352	4536	-705	15156	16	15172	2149	17321	49.99
13	5503	564	428	6495	245	4249	178	4352	4187	-822	14532	16	14548	2141	16689	50.01
14	5503	358	423	6284	139	4318	176	4358	4374	-777	14514	16	14530	2006	16536	49.99
15	5456	238	420	6114	96	4281	167	4364	4277	-794	14141	12	14153	1989	16142	49.95
16	5456	403	429	6288	75	4254	103	4360	4422	-713	14429	12	14441	1990	16431	49.97
17	5490	273	426	6189	69	4262	64	4027	4120	-712	13992	12	14004	1985	15989	49.95
18	5454	332	430	6216	138	4248	8	3117	3235	-870	12975	12	12987	2054	15041	50.01
19	5554	427	441	6422	332	4255	0	3788	3918	-1036	13891	12	13903	2201	16104	50.00
20	5582	228	442	6252	444	4261	0	3811	3541	-1058	13440	12	13452	2191	15643	49.96
21	5642	157	435	6234	518	4269	0	3407	2659	-952	12728	12	12740	2089	14829	50.01
22	5599	163	402	6164	646	4283	0	2274	1346	-934	11505	12	11517	1993	13510	50.02
23	5607	138	314	6059	817	4256	0	1668	700	-736	11096	12	11108	1793	12901	49.99
24	5553	97	302	5952	997	4236	0	1769	373	-563	10995	12	11007	1617	12624	50.03
MUs	133.4 2	7.06	10.47	150.95	13.33	102.23	1.21	68.24	55.99	-15.05	308.67	0.33	309.00	42.71	351.71	50.00

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 26/Dec/2015

Position as on 6.30 Hrs of 27/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	
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	
MSPGCL	Khaparkheda Unit 2	210	26/12/2015	10.36	26/12/2015	17.57	Air heater problem	
MSPGCL	Uran Unit 6	108	26/12/2015	22.16		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 27/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	26/12/2015	07.37	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	26/12/2015	07.10	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/12/2015	21.45	26/12/2015	07.30	T	Over Voltage
Dabhol Nagothane II	InterState	26/12/2015	13.15	26/12/2015	17.50	PO	To attend Hot Spot, Opp.Outage RFC.
Kolhapur Solapur (PG) II	InterState	26/12/2015	17.06	27/12/2015	09.41	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/12/2015	17.09	27/12/2015	08.30	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/12/2015	16.10		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/12/2015	17.02		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)
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	26/12/2015	10.17	T	Distance Protection (RFC 19.19Hrs Dt.25-12-2015)
Babhaleshwar - Padghe-II	IntraState	25/12/2015	08.28	26/12/2015	08.00	PO	Insulator repl.work(RFC 20.25Hrs)
Bhusawal-Aurangabad	IntraState	25/12/2015	17.03	26/12/2015	09.28	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/12/2015	17.08	27/12/2015	08.59	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/12/2015	17.09	27/12/2015	08.37	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/12/2015	01.58		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/12/2015	09.06		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	27/12/2015	17.10		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	26/12/2015	08.37	26/12/2015	18.49	PO	work at Navsari End.
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 - NdiI3	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
Wadkhal - Ipcl 2	IntraState	19/12/2015	11.00		Continued.	PO	Conductor Replacement Work With High Amacity Conductor.
Wadkhal - NdiI 2	IntraState	23/12/2015	10.55		Continued.	PO	Strengthening work
Trombay Carnac 6	IntraState	25/12/2015	19.19		Continued.	HT	Over Voltage

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 26/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay Carnac 5	IntraState	25/12/2015	19.25	26/12/2015	14.35	HT	Over Voltage
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	26/12/2015	09.37	26/12/2015	17.58	PO	To attend Hot Spot
Dahanu Ghodbunder Line 1	IntraState	26/12/2015	11.00	26/12/2015	17.52	PO	For Repl of CT,CVT & Junction Boxes.
Dahanu-Viraj	IntraState	27/12/2015	08.54	27/12/2015	12.41	PO	For Replacement of Y Ph string at CT Gantry
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	25/12/2015	19.00	26/12/2015	14.58	T	Due to Fire in cable comapetman.load diverted & Normalcy restored at 19:45hrs.
Carnac : 220 / 110 / 33 315 MVA ICT 6	IntraState	25/12/2015	19.00	26/12/2015	14.58	T	Due to Fire in cable comapetman.load diverted & Normalcy restored at 19:45hrs.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	26/12/2015	12.10	26/12/2015	14.21	PO	Attending Oil Leakage
220/33 Kv 50 Mva Apex Ptr 1 @Boisar-Ii	IntraState	27/12/2015	06.28	27/12/2015	07.00	T	HV LV protection Oprtd.
132 KV LINE Outages/Trippings							
Telgaon - Majalgaon	IntraState	26/12/2015	03.42	26/12/2015	04.03	T	Distance Protection
Telgaon - Majalgaon	IntraState	27/12/2015	03:42	27/12/2015	04:03	T	Distance Protection

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage