

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Dec/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.809	3322.441	1) Gujrat	-8.434	-46.618
2) Hydro	6.970	211.039	2) Madhya Pradesh	-0.853	149.613
3) Gas	6.960	223.391	3) Chattisgarh	2.790	123.250
Total MSPGCL	133.739	3756.871	4) Maharashtra Net	49.383	2058.359
B) 1) APML	33.044	1297.319	5) Goa (Amona)	-0.538	-14.608
2) JSWEL	18.175	590.379	6) TAPS 1&2 Injection	3.714	96.485
3) VIPL	10.133	259.298	7) RGPPL Injection	6.300	170.022
4) RPL(AMT)	24.399	589.157	8) Pench (MS)	0.164	5.750
5) WPCL	5.049	144.896	9) Pench (Excess)	-0.164	-5.750
6) Other IPP	10.978	294.972	Total	52.198	2530.753
C) 1) TPCL Thermal	12.382	374.103	a) Mumbai Schedule	12.585	458.648
2) TPCL Hydro	0.277	69.891	b) Mumbai Drawl	12.507	589.696
3) TPCL Gas	3.818	85.696	c) MSEDCL Bilateral *	6.900	596.499
4) R-INFRA Thermal	9.681	271.283	Include PX	-16.371	-120.982
D) STATE			d) Mumbai Bilateral *	12.585	458.648
1) Thermal	243.650	7143.848	Include PX	-0.707	10.191
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.247	280.930	H) ENERGY CATERED (MUs)		
3) Gas	10.778	309.087	1) MSEDCL	295.456	9083.516
4) Wind	19.005	178.632	2) Mumbai Discoms	38.664	1390.655
6) SOLAR	1.243	30.935	TOTAL STATE	334.120	10474.171
TOTAL STATE	281.923	7943.432			

* 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 3 Hrs
MSPGCL Thermal	5548	5539	5307	5548
MSPGCL Hydro	684	446	296	92
MSPGCL Gas	280	278	284	307
MSPGCL Total Generation	6512	6263	5887	5947
Central Sector Receipt	4391	4031	3220	-243
WIND	508	415	526	970
CPP / IPP	4253	4234	4276	4274
SOLAR	163	194	0	0
Exchange with Mumbai	-666	-700	-739	-214
MSEDCL DEMAND MET	15161	14437	13170	10734
Load Shedding	15	15	12	11
MSEDCL DEMAND	15176	14452	13182	10745
TPCL GENERATION	756	699	740	651
R-INFRA GENERATION	405	406	404	403
MUMBAI DEMAND	1827	1805	1883	1268
STATE DEMAND MET	16988	16242	15053	12002
STATE DEMAND	17003	16257	15065	12013
Frequency (Hz)	49.93	49.92	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 23:57 Hrs	49.79 Hz at 05:12 Hrs	49.98	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 27/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.86	76.31	125	115
Unit 6	0.00	0.00	0	0
Unit 7	3.70	81.18	170	135
Unit 8	11.51	242.53	490	470
Total	18.07	400.02		
Bhusawal				
Unit 2	4.18	92.31	180	160
Unit 3	4.16	111.16	180	160
Unit 4	9.90	281.64	435	400
Unit 5	0.00	272.80	440	390
Total	18.24	757.90		
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	3.11	80.84	134	124
Unit 3	4.14	116.04	180	163
Unit 4	4.06	118.17	180	163
Unit 5	6.58	244.75	400	0
Unit 6	9.20	137.59	400	370
Unit 7	9.39	265.57	409	377
Total	36.48	962.96		
Paras				
Unit 3	4.80	126.02	216	180
Unit 4	4.70	126.77	206	187
Total	9.50	252.79		
Khaparkheda				
Unit 1	3.82	102.96	175	150
Unit 2	3.88	100.84	170	150
Unit 3	3.98	100.02	172	162
Unit 4	3.90	90.98	166	160
Unit 5	8.86	231.54	399	357
Total	24.44	626.33		
Nasik				
Unit 3	4.36	91.70	190	175
Unit 4	4.22	105.75	189	167
Unit 5	4.50	124.98	197	172
Total	13.08	322.44		
Uran				
All Units	6.96	223.39	319	266
Total	6.96	223.39		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.16	5.75	26	0
Total	0.16	5.75		
Koyna				
Stage 1-2	2.34	63.29	375	40
Stage 4	0.45	20.36	332	0
Stage 3	0.53	18.42	156	0
Total	3.32	102.07		
Hydro				
KDPH	0.44	14.22	19	18
VTRNA	0.59	15.10	61	0
TILLARI	0.12	2.54	63	0
BHTGR/VEER	0.05	1.23	3	2
BHIRA T.R.	0.15	4.19	40	0
RNGR+BHTSA	0.24	6.99	14	0
BHANDARDRA	0.00	8.78	0	0
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.73	20.72	31	30
GHATGHAR	1.33	33.55	250	0
Total	3.65	108.96		
Wind				
Total	19.00	178.63	0	0
Total	19.00	178.63		
CPP				
APML(Mus)	33.04	1297.32	0	0
JSWEL(Mus)	18.18	590.38	0	0
VIPL(Mus)	10.13	259.30	0	0
RPLAMT(Mus)	24.40	589.16	0	0
WPCL(Mus)	5.05	144.90	0	0
Other(Mus)	10.98	294.97	0	0
Total	101.78	3176.02		
SOLAR				
Total	1.24	30.94	0	0
Total	1.24	30.94		
Tata				
Trombay 5	7.58	232.35	317	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	50.74	115	79
Trombay 7B	1.49	34.95	69	56
Trombay 8	4.80	141.75	201	199
TATA Hydro	0.28	69.89	58	0
Total	16.48	529.69		
R-INFRA				
1-2	9.68	271.28	407	397
Total	9.68	271.28		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.81	3322.44
MSPGCL Thml+Gas	126.77	3545.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.97	211.04
MSPGCL Total	133.74	3756.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.79	83.65
State Total	281.92	7943.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5600	92	307	5999	1036	4268	0	1666	93	-409	10987	18	11005	1464	12469	50.00
2	5563	97	297	5957	999	4276	0	946	-146	-276	10810	11	10821	1335	12156	49.98
3	5548	92	307	5947	970	4274	0	333	-243	-214	10734	11	10745	1268	12013	49.98
4	5447	97	297	5841	975	4230	0	523	64	-176	10934	11	10945	1236	12181	49.97
5	5445	96	297	5838	985	4190	0	516	284	-185	11112	11	11123	1236	12359	49.91
6	5443	101	307	5851	1012	4219	0	771	863	-267	11678	15	11693	1316	13009	49.95
7	5448	201	297	5946	1020	4210	0	1645	1504	-296	12384	15	12399	1380	13779	49.98
8	5442	555	297	6294	993	4215	9	2448	2655	-355	13811	15	13826	1443	15269	49.95
9	5478	703	319	6500	784	4220	62	3411	3393	-477	14482	15	14497	1564	16061	49.95
10	5543	577	285	6405	617	4255	122	4232	4294	-601	15092	15	15107	1722	16829	49.95
11	5528	746	280	6554	558	4260	165	4262	4259	-647	15149	15	15164	1807	16971	49.94
12	5548	684	280	6512	508	4253	163	4364	4391	-666	15161	15	15176	1827	17003	49.93
13	5539	446	278	6263	415	4234	194	4389	4031	-700	14437	15	14452	1805	16257	49.92
14	5509	265	266	6040	394	4243	164	3843	3961	-625	14177	16	14193	1724	15917	50.00
15	5552	235	267	6054	349	4245	165	3800	3893	-567	14139	12	14151	1671	15822	49.98
16	5516	240	276	6032	342	4239	120	3945	3860	-532	14061	12	14073	1635	15708	50.00
17	5450	146	281	5877	360	4249	64	3722	3406	-520	13436	12	13448	1627	15075	49.96
18	5377	161	278	5816	385	4257	9	2834	2499	-564	12402	12	12414	1664	14078	49.96
19	5307	296	284	5887	526	4276	0	3138	3220	-739	13170	12	13182	1883	15065	49.95
20	5168	402	286	5856	690	4267	0	3032	2985	-826	12972	12	12984	1928	14912	49.97
21	5100	276	286	5662	1120	4247	6	2421	2116	-826	12325	12	12337	1924	14261	50.04
22	5126	176	293	5595	1249	4224	0	1541	768	-820	11016	12	11028	1872	12900	50.11
23	5075	171	301	5547	1358	4209	0	536	50	-676	10488	12	10500	1737	12237	49.99
24	5102	115	294	5511	1360	4218	0	487	-2	-543	10544	12	10556	1597	12153	50.09
MUs	129.85	6.97	6.96	143.78	19.01	101.78	1.24	58.80	52.20	-12.51	305.50	0.32	305.82	38.66	344.48	49.98

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 27/Dec/2015

Position as on 6.30 Hrs of 28/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	28/12/2015	06.34	Leakage in HRH Line	
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 27/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 28/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							
Dabhol Nagothane II	InterState	25/12/2015	02.30		Continued.	T	Over Voltage
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	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
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 - Ndil3	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 - Ndil 2	IntraState	23/12/2015	10.55		Continued.	PO	Strengthening work
Trombay Carnac 6	IntraState	25/12/2015	19.19		Continued.	HT	Over Voltage
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
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	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