

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Dec/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.724	2171.686	1) Gujrat	-1.806	-0.642
2) Hydro	6.008	149.680	2) Madhya Pradesh	5.215	119.766
3) Gas	7.320	143.228	3) Chattisgarh	3.410	87.550
Total MSPGCL	141.052	2464.594	4) Maharashtra Net	75.456	1477.496
B) 1) APML	49.104	911.166	5) Goa (Amona)	-0.786	-9.786
2) JSWEL	22.881	410.121	6) TAPS 1&2 Injection	2.568	63.767
3) VIPL	10.150	168.039	7) RGPPL Injection	6.330	113.056
4) RPL(AMT)	23.001	384.578	8) Pench (MS)	0.199	3.602
5) WPCL	5.808	98.975	9) Pench (Excess)	-0.199	-3.602
6) Other IPP	10.273	197.148	Total	90.188	1847.605
C) 1) TPCL Thermal	12.454	259.559	a) Mumbai Schedule	15.874	330.582
2) TPCL Hydro	2.685	48.961	b) Mumbai Drawl	22.394	431.678
3) TPCL Gas	3.502	55.483	c) MSEDCL Bilateral *	22.529	461.144
4) R-INFRA Thermal	9.725	183.767	Include PX	-6.252	-32.213
D) STATE			d) Mumbai Bilateral *	15.874	330.582
1) Thermal	271.120	4785.039	Include PX	-0.172	14.524
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.693	198.641	H) ENERGY CATERED (MUs)		
3) Gas	10.822	198.711	1) MSEDCL	338.314	6172.498
4) Wind	7.078	101.473	2) Mumbai Discoms	50.760	979.442
6) SOLAR	1.173	20.477	TOTAL STATE	389.074	7151.940
TOTAL STATE	298.886	5304.341			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5416	5384	5287	5286
MSPGCL Hydro	470	298	231	138
MSPGCL Gas	302	283	293	313
MSPGCL Total Generation	6188	5965	5811	5737
Central Sector Receipt	4752	4968	4490	2218
WIND	229	67	164	477
CPP / IPP	5698	5431	4939	4673
SOLAR	152	173	0	0
Exchange with Mumbai	-1234	-1285	-1358	-353
MSEDCL DEMAND MET	15785	15319	14046	12752
Load Shedding	20	20	11	16
MSEDCL DEMAND	15805	15339	14057	12768
TPCL GENERATION	916	909	848	624
R-INFRA GENERATION	404	405	405	406
MUMBAI DEMAND	2554	2599	2611	1383
STATE DEMAND MET	18339	17918	16657	14135
STATE DEMAND	18359	17938	16668	14151
Frequency (Hz)	49.94	49.96	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 21.36 Hrs	49.72 Hz at 08.19 Hrs	49.96	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 18/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.89	50.24	125	110
Unit 6	0.00	0.00	0	0
Unit 7	3.30	46.08	150	130
Unit 8	11.99	135.51	586	447
Total	18.17	231.83		
Bhusawal				
Unit 2	0.00	63.95	0	0
Unit 3	4.21	74.16	180	170
Unit 4	10.27	189.15	440	415
Unit 5	10.32	190.11	440	420
Total	24.80	517.36		
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	3.02	53.42	132	121
Unit 3	4.22	77.63	186	163
Unit 4	4.36	79.23	188	174
Unit 5	8.99	167.71	380	365
Unit 6	9.33	56.58	402	290
Unit 7	9.89	178.00	420	403
Total	39.81	612.56		
Paras				
Unit 3	4.98	85.79	219	198
Unit 4	5.11	81.20	228	206
Total	10.09	166.98		
Khaparkheda				
Unit 1	3.94	68.60	175	155
Unit 2	4.07	69.00	190	150
Unit 3	4.19	70.04	187	155
Unit 4	3.98	55.53	174	159
Unit 5	9.47	174.18	400	380
Total	25.65	437.35		
Nasik				
Unit 3	4.52	51.08	195	185
Unit 4	0.03	71.07	29	0
Unit 5	4.66	83.45	198	186
Total	9.21	205.60		
Uran				
All Units	7.32	143.23	327	282
Total	7.32	143.23		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.20	3.60	50	0
Total	0.20	3.60		
Koyna				
Stage 1-2	1.57	43.26	310	35
Stage 4	0.09	15.59	51	0
Stage 3	0.63	12.73	110	0
Total	2.29	71.58		
Hydro				
KDPH	0.45	11.24	19	18
VTRNA	0.54	9.94	61	0
TILLARI	0.12	2.17	61	0
BHTGR/VEER	0.06	0.92	3	2
BHIRA T.R.	0.26	2.77	40	0
RNGR+BHTSA	0.29	4.32	16	0
BHANDARDRA	0.36	8.78	36	10
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.77	13.67	33	32
GHATGHAR	0.87	22.63	190	0
Total	3.71	78.10		
Wind				
Total	7.08	101.47	0	0
Total	7.08	101.47		
CPP				
APML(Mus)	49.10	911.17	0	0
JSWEL(Mus)	22.88	410.12	0	0
VIPL(Mus)	10.15	168.04	0	0
RPLAMT(Mus)	23.00	384.58	0	0
WPCL(Mus)	5.81	98.98	0	0
Other(Mus)	10.27	197.15	0	0
Total	121.22	2170.03		
SOLAR				
Total	1.17	20.48	0	0
Total	1.17	20.48		
Tata				
Trombay 5	7.58	162.12	317	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.11	32.70	115	59
Trombay 7B	1.40	22.78	68	46
Trombay 8	4.87	97.44	205	201
TATA Hydro	2.68	48.96	282	2
Total	18.64	364.00		
R-INFRA				
1-2	9.72	183.77	410	402
Total	9.72	183.77		

Infirm Power	Chandrapur 8	0.00
--------------	--------------	------

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	127.72	2171.69
MSPGCL Thml+Gas	135.04	2314.91

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.01	149.68
MSPGCL Total	141.05	2464.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.66	58.85
State Total	298.89	5304.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5334	128	313	5775	386	4710	0	2756	2767	-598	13040	61	13101	1625	14726	49.98
2	5295	128	314	5737	428	4570	0	2728	2639	-468	12906	55	12961	1495	14456	49.99
3	5301	133	314	5748	468	4598	0	2510	2453	-400	12867	61	12928	1427	14355	49.99
4	5286	138	313	5737	477	4673	0	2283	2218	-353	12752	16	12768	1383	14151	49.96
5	5332	102	315	5749	421	4677	0	2584	2633	-364	13116	16	13132	1396	14528	50.01
6	5319	113	313	5745	452	4702	0	3405	3661	-450	14110	20	14130	1494	15624	49.97
7	5333	213	327	5873	666	4871	0	4535	4040	-621	14829	25	14854	1682	16536	49.93
8	5352	198	314	5864	524	5338	15	4621	4525	-701	15565	85	15650	1842	17492	49.91
9	5352	359	321	6032	455	5502	62	4705	4691	-854	15888	68	15956	2052	18008	49.89
10	5388	406	302	6096	308	5702	118	4799	4383	-1098	15509	39	15548	2352	17900	49.88
11	5416	470	302	6188	229	5698	152	4876	4752	-1234	15785	20	15805	2554	18359	49.94
12	5390	372	307	6069	155	5707	173	4934	4845	-1204	15745	20	15765	2583	18348	49.94
13	5384	298	283	5965	67	5431	173	4942	4968	-1285	15319	20	15339	2599	17938	49.96
14	5337	285	282	5904	49	5269	172	4883	4779	-1125	15048	21	15069	2456	17525	49.99
15	5331	199	285	5815	39	5138	142	4891	5009	-1168	14975	11	14986	2491	17477	49.91
16	5347	251	289	5887	60	5092	103	4885	4600	-1142	14600	11	14611	2513	17124	49.91
17	5329	190	290	5809	72	5005	55	4569	4666	-1130	14477	11	14488	2524	17012	49.93
18	5294	274	297	5865	110	4917	8	3597	3636	-1229	13307	11	13318	2556	15874	49.97
19	5287	231	293	5811	164	4939	0	4767	4490	-1358	14046	11	14057	2611	16668	49.96
20	5248	192	305	5745	242	4945	0	4640	4220	-1364	13788	11	13799	2554	16353	49.96
21	5128	182	308	5618	272	4959	0	4078	3955	-1289	13515	11	13526	2417	15943	49.99
22	5291	317	312	5920	279	4955	0	3058	2388	-1159	12383	11	12394	2227	14621	50.05
23	5331	552	311	6194	392	4934	0	2461	1740	-968	12292	11	12303	2034	14337	50.01
24	5319	277	310	5906	363	4888	0	2861	2130	-832	12455	11	12466	1893	14359	50.01
MUs	127.7 2	6.01	7.32	141.05	7.08	121.22	1.17	94.37	90.19	-22.39	338.31	0.64	338.95	50.76	389.71	49.96

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 18/Dec/2015

Position as on 6.30 Hrs of 19/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	
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	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
IPP	RPL(AMT) U-2	270	16/12/2015	12.18	18/12/2015	07.05	Bottom Ash Problem	
MSPGCL	Bhusawal Unit 2	210	17/12/2015	01.10		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	18/12/2015	00.28		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 19/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							
Kolhapur Solapur(PG) I	InterState	17/12/2015	07.43		Continued.	PO	Line Rectification Work.
Kolhapur Solapur (PG) II	InterState	17/12/2015	08.15		Continued.	PO	Line Rectification Work.
Dhule Sar'Sarovar II	InterState	17/12/2015	09.02	18/12/2015	23.16	PO	Maint.Work(RFC @ 17.50 Hrs).
Dhule Sar'Sarovar II	InterState	18/12/2015	13.02		Continued.	PO	Work @ SSNL End(Ckt RFC@19.40)
Dhule Sar'Sarovar I	InterState	18/12/2015	21.56		Continued.	T	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	10/12/2015	06.37		Continued.	PO	Line Rectification work(RFC 17.27Hrs)
Karad - Jaigad - II	IntraState	17/12/2015	16.49	18/12/2015	07.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/12/2015	17.19	18/12/2015	07.21	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/12/2015	17.19	18/12/2015	07.30	HT	Over Voltage
Karad-Jaigad - I	IntraState	18/12/2015	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/12/2015	17.04	19/12/2015	06.33	HT	Over Voltage
Koradi-Bhusawal	IntraState	18/12/2015	18.04	18/12/2015	20.26	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/12/2015	22.08		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-IV @Padghe	IntraState	17/12/2015	22.57		Continued.	PO	Abnormal DGA.(5 Days)
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	17/12/2015	23.25	18/12/2015	02.58	EO	For Line Side Isolator Jaw Replacement.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	14/12/2015	09.21	18/12/2015	19.25	PO	Insulator Replacement Work
Nasik Navsari II	InterState	14/12/2015	09.38	18/12/2015	19.42	PO	Insulator Replacement Work
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 - Ipcl 1	IntraState	06/11/2015	11.50	18/12/2015	21.12	PO	Replacement of Conductors (for 15 Days).
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
Pophali - Kdph	IntraState	18/12/2015	06.20	18/12/2015	18.50	PO	Bus Section Outage for Maintenance Work.
Pophli Pedhmbe Line- 1	IntraState	18/12/2015	06.25		Continued.	PO	Bus Section Outage for Maintenance Work.
Kandalgaon - Koyna	IntraState	18/12/2015	06.50	18/12/2015	18.25	PO	Bus Section Outage for Maintenance Work.
Bhaveghar - Kolshet	IntraState	18/12/2015	10.00	18/12/2015	17.54	PO	Testing Work Bus Bar Protection Pannel Commissioning.
Wada - Bhaveghar	IntraState	18/12/2015	10.10	18/12/2015	17.20	PO	Testing Work Bus Bar Protection Pannel Commissioning.
Padgha-Temghar-II	IntraState	18/12/2015	10.15		Continued.	PO	Routine Maintenance Work
Shivajinagar - Malegaon	IntraState	18/12/2015	10.21	18/12/2015	13.59	PO	Isolator Maintenance Work.

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 18/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 19/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharepatan -Pawas Line	IntraState	18/12/2015	10.26	18/12/2015	14.12	PO	Attending Oil Leakage on R Ph CT & Diagnostic Testing Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	18/12/2015	09.02	18/12/2015	20.39	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Eklahre (Ocr)	IntraState	18/12/2015	09.40	18/12/2015	12.07	PO	Hot Spot Attend Work on Main Bus Isolator.
220/132 kV 200 Mva ICT-II @Boisar -ji	IntraState	18/12/2015	10.05	18/12/2015	12.11	PO	Shifted on TBC to Replace R Ph Jumper.