

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Dec/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.903	3438.457	1) Gujrat	-0.639	-68.218
2) Hydro	21.856	493.657	2) Madhya Pradesh	14.113	184.552
3) Gas	10.836	243.857	3) Chattisgarh	7.570	183.910
Total MSPGCL	158.595	4175.971	4) Maharashtra Net	104.238	2754.537
B) 1) APML	38.521	1181.187	5) Goa (Amona)	-0.478	-16.212
2) JSWEL	11.443	275.982	Total	124.804	3038.569
3) VIPL	7.219	290.734	a) Mumbai Schedule	12.273	507.254
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	12.991	562.406
5) WPCL	3.918	95.818	c) MSEDCL Bilateral *	33.814	627.691
6) PGPL	0.000	27.691	Include PX	0.734	11.979
7) Other IPP	9.395	228.224	d) Mumbai Bilateral *	12.273	507.254
C) 1) TPCL Thermal	14.379	269.457	Include PX	0.983	78.051
2) TPCL Hydro	1.447	104.518	Include Standby	0.000	0.000
3) TPCL Gas	3.603	99.250	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.408	261.742	1) MSEDCL	344.423	8984.982
D) STATE			2) Mumbai Discoms	42.828	1297.370
1) Thermal	221.186	6041.601	TOTAL STATE	387.251	10282.352
(A1+C1+C4+(B1-B6))					
2) Hydro	23.303	598.175			
(A2+C2)					
3) Gas	14.439	370.798			
(A3+B6+C3)					
4) Wind	2.257	203.053			
6) SOLAR	1.262	30.159			
TOTAL STATE	262.447	7243.786			

* 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 24 Hrs
MSPGCL Thermal	5639	5600	4824	4714
MSPGCL Hydro	2134	2062	535	116
MSPGCL Gas	441	439	435	469
MSPGCL Total Generation	8214	8101	5794	5299
Central Sector Receipt	5882	5526	5710	3884
WIND	29	28	147	181
CPP / IPP Thermal	3128	3112	3000	2653
CPP / IPP Gas	0	0	0	0
SOLAR	193	178	0	0
Exchange with Mumbai	-332	-362	-839	-714
MSEDCL DEMAND MET	17114	16583	13812	11303
Load Shedding	175	240	0	0
MSEDCL DEMAND	17289	16823	13812	11303
TPCL GENERATION	1149	1119	794	671
R-INFRA GENERATION	509	509	385	386
MUMBAI DEMAND	1990	1990	2018	1771
STATE DEMAND MET	19104	18573	15830	13074
STATE DEMAND	19279	18813	15830	13074
Frequency (Hz)	49.95	49.95	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.03 Hrs	49.79 Hz at 10.07 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 25/Dec/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	41.25	0	0
Unit 8	0.00	144.07	0	0
Unit 9	8.46	225.97	358	348
Total	8.46	411.29		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.06	255.72	510	355
Unit 5	10.17	253.83	505	360
Total	20.24	509.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.24	130.23	250	194
Unit 7	5.09	127.11	248	191
Unit 8	0.00	0.00	0	0
Total	10.34	257.34		
Chandrapur				
Unit 3	4.36	98.81	198	165
Unit 4	4.27	108.37	191	167
Unit 5	2.74	236.19	380	0
Unit 6	9.78	180.04	450	354
Unit 7	8.49	230.64	401	316
Unit 8	9.37	201.83	480	325
Unit 9	8.50	152.87	460	272
Total	47.50	1208.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.53	132.26	250	0
Total	4.53	132.26		
Khaparkheda				
Unit 1	4.12	95.54	195	135
Unit 2	4.20	105.74	195	160
Unit 3	4.32	108.34	203	163
Unit 4	4.23	105.83	193	164
Unit 5	10.31	267.45	500	370
Total	27.17	682.91		
Nasik				
Unit 3	0.00	45.35	0	0
Unit 4	3.44	72.40	196	0
Unit 5	4.23	86.59	197	160
Total	7.66	204.35		
Uran				
All Units	10.84	243.86	494	422
Total	10.84	243.86		
PGPL				
Unit 1	0.00	17.05	0	0
Unit 2	0.00	10.64	0	0
Total	0.00	27.69		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.20	5.23	45	0
Total	0.20	5.23		
Koyna				
Stage 1-2	5.81	137.44	565	40
Stage 4	9.06	187.42	963	0
Stage 3	3.13	69.19	240	0
Total	18.01	394.05		
Hydro				
KDPH	0.48	10.74	35	0
VTRNA	0.42	10.74	57	0
TILLARI	0.00	5.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.06	6.14	40	0
RNGR+BHTSA	0.36	8.46	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	17.28	35	22
GHATGHAR	1.93	40.60	250	0
Total	3.85	99.61		
Wind				
Total	2.26	203.05	0	0
Total	2.26	203.05		
CPP				
APML(Mus)	38.52	1181.19	0	0
JSWEL(Mus)	11.44	275.98	0	0
VIPL(Mus)	7.22	290.73	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.92	95.82	0	0
Other(Mus)	9.40	228.22	0	0
Total	70.50	2071.94		
SOLAR				
Total	1.26	30.16	0	0
Total	1.26	30.16		
Tata				
Trombay 5	9.11	230.90	474	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	61.79	94	64
Trombay 7B	1.41	37.46	61	49
Trombay 8	5.27	38.55	249	199
TATA Hydro	1.45	104.52	273	7
Total	19.43	473.22		
R-INFRA				
1-2	10.41	261.74	510	385
Total	10.41	261.74		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	0.00	32.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.90	3438.46
MSPGCL Thml+Gas	136.74	3682.31
MSPGCL Hydro	21.86	493.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	158.60	4175.97
Koyna 1,2 & 4 Total	14.87	324.86
State Total	262.45	7243.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Dec/2016

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			THM	GAS										
1	5060	258	467	5785	64	2723	0	0	4391	4610	-634	12548	0	12548	1687	14235	50.00
2	5040	83	433	5556	54	2714	0	0	4506	4727	-543	12508	0	12508	1598	14106	50.00
3	5049	78	433	5560	53	2706	0	0	4505	4563	-449	12433	0	12433	1483	13916	50.03
4	5022	78	451	5551	57	2717	0	0	4549	4670	-422	12573	0	12573	1436	14009	49.99
5	5090	317	457	5864	52	2751	0	0	4594	4817	-399	13085	0	13085	1434	14519	49.84
6	5338	277	459	6074	66	2841	0	0	4995	5274	-458	13797	0	13797	1511	15308	50.02
7	5666	162	478	6306	125	2995	0	0	5444	5461	-495	14392	0	14392	1561	15953	50.01
8	5893	1024	468	7385	91	3121	0	11	5434	5490	-357	15741	0	15741	1617	17358	49.96
9	5627	2019	494	8140	55	3115	0	72	5462	5731	-215	16898	51	16949	1708	18657	49.93
10	5638	2080	468	8186	33	3137	0	131	5606	5766	-287	16966	48	17014	1844	18858	49.90
11	5625	2119	454	8198	30	3126	0	144	5706	6077	-353	17222	8	17230	1930	19160	49.93
12	5639	2134	441	8214	29	3128	0	193	5556	5882	-332	17114	175	17289	1990	19279	49.95
13	5600	2062	439	8101	28	3112	0	178	5498	5526	-362	16583	240	16823	1990	18813	49.95
14	5620	1758	426	7804	34	3072	0	183	5616	5610	-379	16324	249	16573	1888	18461	50.04
15	5569	1695	422	7686	52	3087	0	161	5387	5622	-434	16174	176	16350	1838	18188	50.00
16	5619	1699	426	7744	63	3094	0	113	5366	5757	-313	16458	260	16718	1804	18522	49.97
17	5364	1240	437	7041	69	3080	0	65	5378	5781	-465	15571	176	15747	1804	17551	49.98
18	4935	626	456	6017	95	3044	0	11	5286	5451	-744	13874	0	13874	1847	15721	50.00
19	4824	535	435	5794	147	3000	0	0	5461	5710	-839	13812	0	13812	2018	15830	49.96
20	4747	750	446	5943	229	2887	0	0	5514	5614	-989	13684	0	13684	2083	15767	49.99
21	4741	408	464	5613	244	2887	0	0	5123	4870	-1007	12607	0	12607	2071	14678	49.98
22	4778	218	457	5453	198	2825	0	0	4771	3973	-936	11513	0	11513	1993	13506	49.99
23	4705	120	456	5281	208	2688	0	0	4358	3938	-865	11250	0	11250	1922	13172	49.99
24	4714	116	469	5299	181	2653	0	0	4167	3884	-714	11303	0	11303	1771	13074	50.02
MUs	125.90	21.86	10.84	158.60	2.26	70.50	0.00	1.26	122.67	124.80	-12.99	344.42	1.38	345.81	42.83	388.63	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 25/Dec/2016

Position as on 6.30 Hrs of 26/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Koradi Unit-8	660	12/12/2016	23.59		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyna Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Dec/2016

Position as on 6.30 Hrs of 26/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52		Continued.	Zero Schedule BY MSEDCL	
PGPL	PGPL U1	262	20/12/2016	18.30		Continued.	No Schedule	
PGPL	PGPL U2	126	20/12/2016	18.32		Continued.	No Schedule	
IPP	Adani U-2	660	21/12/2016	11.02		Continued.	Air preheater problem	
CENT.SECTOR	Tarapur 1	160	21/12/2016	17.06	25/12/2016	12.59	Condenser Leakage	
MSPGCL	Koradi Unit 10	660	22/12/2016	13.10		Continued.	Main steam line leakage.	
MSPGCL	Nasik Unit 4	210	24/12/2016	23.02	25/12/2016	04.30	Stator Earth Fault	
MSPGCL	Paras Unit 4	250	25/12/2016	07.19	25/12/2016	09.13	Furnace Pressure High	
MSPGCL	Chandrapur Unit 5	500	25/12/2016	07.44		Continued.	Economizer Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2016

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 II	InterState	24/12/2016	17.51	25/12/2016	07.38	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/12/2016	17.23		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/12/2016	21.42	26/12/2016	06.33	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	24/12/2016	14.03	25/12/2016	07.15	EO	Attending Hot Spot
Karad - Jaigad - II	IntraState	24/12/2016	16.33	25/12/2016	09.21	T	Over Voltage
karad -kolhapur-I	IntraState	24/12/2016	17.12	25/12/2016	09.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/12/2016	17.47	25/12/2016	07.05	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	24/12/2016	22.09	25/12/2016	09.17	HT	Over Voltage
Chandrapur2-Parali 2 ckt 2	IntraState	25/12/2016	12.48	25/12/2016	16.53	PO	Line Maintenance work
karad -kolhapur-II	IntraState	25/12/2016	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/12/2016	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/12/2016	17.16		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/12/2016	20.47		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	21/12/2016	16.31		Continued.	EO	Oil leakage on bushing.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	25/12/2016	08.50	25/12/2016	20.14	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	25/12/2016	00.46	25/12/2016	01.31	T	Distance Protection
Mudshingi Chikodi	InterState	25/12/2016	00.50	25/12/2016	01.20	T	Tripped only chikodi end
Tillari Amona	InterState	25/12/2016	20.27	25/12/2016	22.30	T	Over Voltage
Mahalakshmi Amona	InterState	25/12/2016	20.27	25/12/2016	22.30	T	Over Voltage
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.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
karad - Dasgaon	IntraState	20/12/2016	09.37		Continued.	PO	Construction Work.
Pophali - Nerale	IntraState	24/12/2016	12.24	25/12/2016	17.53	T	Main Bus To Stub Conductor Broken B-Phase In Pophali Yard.
Nasik - Raymond	IntraState	25/12/2016	12.07	25/12/2016	13.43	PO	CTR FIRE FIGHTING PROTECTION SYSTEM MAINTENANCE WORK.
Pophali - New Koyna	IntraState	25/12/2016	13.32	25/12/2016	17.40	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.

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