

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jan/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.151	1626.584	1) Gujrat	0.134	-5.904
2) Hydro	9.154	184.020	2) Madhya Pradesh	9.901	110.062
3) Gas	10.629	120.152	3) Chattisgarh	7.810	97.960
Total MSPGCL	167.934	1930.756	4) Maharashtra Net	112.800	1378.403
B) 1) APML	45.890	589.071	5) Goa (Amona)	-0.600	-8.198
2) JSWEL	9.302	111.461	Total	130.045	1572.323
3) VIPL	5.999	76.549	a) Mumbai Schedule	14.801	184.831
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.789	254.106
5) WPCL	4.306	45.435	c) MSEDCL Bilateral *	38.162	408.660
6) PGPL	3.015	21.042	Include PX	2.723	38.126
7) Other IPP	7.988	106.894	d) Mumbai Bilateral *	14.801	184.831
C) 1) TPCL Thermal	5.223	89.954	Include PX	2.096	50.707
2) TPCL Hydro	5.860	62.333	Include Standby	0.000	0.000
3) TPCL Gas	3.350	44.874	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.800	124.108	1) MSEDCL	357.214	4260.979
D) STATE			2) Mumbai Discoms	46.022	575.375
1) Thermal	236.659	2770.056	TOTAL STATE	403.236	4836.354
(A1+C1+C4+(B1-B6))					
2) Hydro	15.014	246.353			
(A2+C2)					
3) Gas	16.994	186.068			
(A3+B6+C3)					
4) Wind	3.286	47.095			
6) SOLAR	1.238	14.459			
TOTAL STATE	273.191	3264.031			

* 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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6813	6703	6086	5616
MSPGCL Hydro	816	731	322	109
MSPGCL Gas	479	448	381	442
MSPGCL Total Generation	8108	7882	6789	6167
Central Sector Receipt	6641	6622	5620	3720
WIND	233	82	176	122
CPP / IPP Thermal	3140	3181	3078	2937
CPP / IPP Gas	233	231	16	0
SOLAR	115	185	0	0
Exchange with Mumbai	-885	-1073	-1113	-913
MSEDCL DEMAND MET	17585	17110	14566	12033
Load Shedding	10	0	0	0
MSEDCL DEMAND	17595	17110	14566	12033
TPCL GENERATION	853	870	783	334
R-INFRA GENERATION	510	385	405	386
MUMBAI DEMAND	2248	2328	2301	1633
STATE DEMAND MET	19833	19438	16867	13666
STATE DEMAND	19843	19438	16867	13666
Frequency (Hz)	49.96	49.92	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.02 Hrs	49.78 Hz at 16.13 Hrs	49.97	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 12/Jan/2017

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	3.91	10.24	170	155
Unit 8	0.00	0.00	0	0
Unit 9	9.59	141.75	498	195
Total	13.50	152.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.97	93.36	510	350
Unit 5	10.06	120.98	510	360
Total	20.04	214.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.35	61.30	250	191
Unit 7	5.50	62.60	252	194
Unit 8	0.00	0.00	0	0
Total	10.86	123.90		
Chandrapur				
Unit 3	4.44	52.95	200	171
Unit 4	4.40	52.02	199	168
Unit 5	9.72	116.64	455	365
Unit 6	5.64	89.52	440	0
Unit 7	8.46	109.78	429	0
Unit 8	9.78	122.69	494	360
Unit 9	9.54	79.60	470	326
Total	51.97	623.20		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.16	62.33	251	187
Total	5.16	62.33		
Khaparkheda				
Unit 1	4.08	49.73	200	155
Unit 2	4.14	49.26	200	160
Unit 3	4.20	47.00	202	162
Unit 4	0.00	36.61	0	0
Unit 5	9.89	122.76	505	370
Total	22.31	305.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.06	48.78	201	161
Unit 5	4.04	47.60	195	161
Total	8.10	96.38		
Uran				
All Units	10.63	120.15	507	319
Total	10.63	120.15		
PGPL				
Unit 1	1.81	12.70	140	0
Unit 2	1.21	8.35	94	0
Total	3.02	21.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.53	6.63	52	0
Total	0.53	6.63		
Koyna				
Stage 1-2	1.78	44.62	210	40
Stage 4	2.23	66.54	415	0
Stage 3	0.50	21.41	80	0
Total	4.52	132.56		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.45	5.33	60	0
TILLARI	0.51	3.35	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	3.70	80	0
RNGR+BHTSA	0.35	3.80	15	14
BHANDARDRA	0.45	3.21	19	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	7.25	39	27
GHATGHAR	1.76	23.46	250	0
Total	4.64	51.46		
Wind				
Total	3.29	47.10	0	0
Total	3.29	47.10		
CPP				
APML(Mus)	45.89	589.07	0	0
JSWEL(Mus)	9.30	111.46	0	0
VIPL(Mus)	6.00	76.55	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.31	45.44	0	0
Other(Mus)	7.99	106.89	0	0
Total	73.48	929.41		
SOLAR				
Total	1.24	14.46	0	0
Total	1.24	14.46		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.02	27.55	115	63
Trombay 7B	1.34	17.32	67	47
Trombay 8	5.22	63.57	251	199
TATA Hydro	5.86	62.33	452	17
Total	14.43	197.16		
R-INFRA				
1-2	9.80	124.11	510	384
Total	9.80	124.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	16.21	49.06	MSPGCL Thermal	148.15	1626.58	MSPGCL Total	167.93	1930.76
			MSPGCL Thml+Gas	158.78	1746.74	Koyna 1,2 & 4 Total	4.01	111.15
			MSPGCL Hydro	9.15	184.02	State Total	273.19	3264.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Jan/2017

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	5618	101	481	6200	61	2918	0	0	4328	4018	-719	12478	0	12478	1416	13894	49.98
2	5596	101	473	6170	38	2913	0	0	4169	3960	-592	12489	0	12489	1290	13779	49.99
3	5664	106	481	6251	99	2915	0	0	3867	3875	-532	12608	0	12608	1228	13836	50.01
4	5618	101	483	6202	118	2920	0	0	3806	4007	-498	12749	0	12749	1194	13943	49.97
5	5644	101	471	6216	163	2933	32	0	4039	4181	-519	13006	0	13006	1216	14222	49.96
6	5611	101	495	6207	168	3022	80	0	4994	5262	-664	14075	0	14075	1360	15435	50.01
7	6172	230	472	6874	181	3105	164	0	5746	5619	-783	15160	1	15161	1647	16808	49.99
8	6466	780	487	7733	258	3187	223	6	6052	5790	-543	16654	6	16660	1793	18453	49.93
9	6731	764	507	8002	270	3154	232	61	6415	6493	-751	17461	9	17470	2099	19569	49.93
10	6813	816	479	8108	233	3140	233	115	6576	6641	-885	17585	10	17595	2248	19843	49.96
11	6831	838	465	8134	219	3154	232	157	6630	6539	-1023	17412	0	17412	2398	19810	49.99
12	6662	843	446	7951	147	3185	232	184	6690	6848	-1143	17404	0	17404	2404	19808	49.95
13	6703	731	448	7882	82	3181	231	185	6603	6622	-1073	17110	0	17110	2328	19438	49.92
14	6628	457	424	7509	65	3141	232	180	6507	6706	-1069	16764	0	16764	2238	19002	49.98
15	6724	481	406	7611	76	3153	232	154	6519	6435	-1063	16598	0	16598	2247	18845	49.96
16	6786	481	385	7652	49	3150	232	111	6516	6462	-1038	16618	0	16618	2247	18865	49.96
17	6407	483	353	7243	66	3181	232	69	6140	6219	-1053	15957	0	15957	2257	18214	49.91
18	6111	226	319	6656	94	3098	232	16	5977	5831	-1215	14712	0	14712	2250	16962	49.97
19	6099	441	330	6870	123	3080	180	0	5783	5571	-1317	14507	0	14507	2235	16742	49.98
20	6086	322	381	6789	176	3078	16	0	5859	5620	-1113	14566	0	14566	2301	16867	49.99
21	6002	250	474	6726	189	3056	0	0	5367	5189	-1111	14049	0	14049	2155	16204	49.98
22	5908	173	454	6535	173	2945	0	0	4753	4391	-1145	12899	0	12899	2037	14936	50.00
23	5655	118	473	6246	116	2940	0	0	3930	4046	-1027	12321	0	12321	1801	14122	50.00
24	5616	109	442	6167	122	2937	0	0	3693	3720	-913	12033	0	12033	1633	13666	49.99
MUs	148.15	9.15	10.63	167.93	3.29	73.49	3.01	1.24	130.96	130.04	-21.79	357.21	0.03	357.24	46.02	403.26	49.97

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 12/Jan/2017

Position as on 6.30 Hrs of 13/Jan/2017

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	
TPC-G	Trombay 5	500	03/01/2017	21.49		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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	
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 12/Jan/2017

Position as on 6.30 Hrs of 13/Jan/2017

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	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Chandrapur Unit 6	500	09/01/2017	19.25	12/01/2017	06.27	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56		Continued.	POSITIVE SIDE ROTER TRIPPED.	
PGPL	PGPL U1	262	11/01/2017	19.15	12/01/2017	04.12	No Schedule.	
PGPL	PGPL U2	126	11/01/2017	19.16	12/01/2017	05.09	No Schedule.	
PGPL	PGPL U2	126	12/01/2017	19.15	13/01/2017	05.05	No Schedule.	
PGPL	PGPL U1	262	12/01/2017	19.15	13/01/2017	04.00	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	12/01/2017	22.10		Continued.	Boiler validity work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 13/Jan/2017

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	11/01/2017	19.51	12/01/2017	06.21	HT	Over Voltage
Padgha Tarapur II	InterState	12/01/2017	13.04	12/01/2017	16.35	T	Tripped Only from Tarapur End.
Dhule Sar'Sarovar I	InterState	12/01/2017	19.50	13/01/2017	06.52	HT	Over Voltage
Koradi-Bhusawal	IntraState	11/01/2017	13.21	12/01/2017	06.31	EO	Attending Y Phase Flashover.(REC @ 18.12 Hrs dt
karad -kolhapur-II	IntraState	11/01/2017	16.36	12/01/2017	08.46	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/01/2017	16.39	12/01/2017	09.22	HT	Over Voltage
karad -kolhapur-I	IntraState	12/01/2017	17.03		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/01/2017	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/01/2017	17.22		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	12/01/2017	16.35		Continued.	PO	Oil Filtration Work.
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	13/01/2017	00.49		Continued.	T	Dist.Prot.Opeted B Ph Fault.
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.
Pophali - Kdph	IntraState	10/01/2017	18.39		Continued.	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	11/01/2017	21.43	12/01/2017	04.16	PO	Maintenace Work.
Wardha-Yeotmal	IntraState	12/01/2017	04.25	12/01/2017	18.15	T	Distance Protection
Lonikand (400 Kv)-Theur I	IntraState	12/01/2017	09.36	12/01/2017	19.36	PO	Construction Work of Bunching of Line.
Lonikand (400 Kv)-Theur li	IntraState	12/01/2017	09.37	12/01/2017	17.56	PO	Construction Work of Bunching of Line
Apta - Tambati	IntraState	12/01/2017	09.42	12/01/2017	10.30	PO	Routine Maintenance Work
Wardha-Yeotmal	IntraState	12/01/2017	10.28	12/01/2017	17.43	PO	Disc Insulator Replacement Work
Talandage - Sawantwadi I	IntraState	12/01/2017	14.00	12/01/2017	16.14	PO	Maintenace Work.
Bhugaon-WardhaPG (Deoli)	IntraState	12/01/2017	16.29	12/01/2017	18.15	T	Tripped Only From Wardha PG.
Trombay - Mulund	IntraState	12/01/2017	18.43		Continued.	T	Distance Protection
Kalwa-Salsette-IV	IntraState	12/01/2017	18.44	12/01/2017	18.59	T	Tripped Only from Salsette End.
Kalwa Salsette III	IntraState	12/01/2017	18.44	12/01/2017	23.09	T	Dist.Prot.Y Ph to B Ph.
Kalwa-Salsette-VI	IntraState	12/01/2017	18.44	12/01/2017	18.59	T	Tripped Only from Salsette End.
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).
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	12/01/2017	12.49	12/01/2017	15.39	T	Sparking on Control Cable.

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