

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 13/Feb/2017 MONDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.769	1756.072	1) Gujrat	1.694	13.324
2) Hydro	12.481	205.049	2) Madhya Pradesh	10.496	167.474
3) Gas	10.784	116.793	3) Chattisgarh	6.720	102.402
<b>Total MSPGCL</b>	<b>163.034</b>	<b>2077.914</b>	4) Maharashtra Net	137.046	1823.218
B) 1) APLM	41.453	587.911	5) Goa (Amona)	-0.592	-7.896
2) JSWEL	9.857	121.199	<b>Total</b>	<b>155.364</b>	<b>2098.522</b>
3) VIPL	6.297	85.943	a) Mumbai Schedule	16.913	213.252
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.453	248.977
5) WPCL	4.457	49.237	c) MSEDCL Bilateral *	41.412	576.562
6) PGPL	0.000	7.780	Include PX	0.000	98.204
7) Other IPP	7.102	89.909	d) Mumbai Bilateral *	16.913	213.252
C) 1) TPCL Thermal	14.493	162.169	Include PX	6.055	73.522
2) TPCL Hydro	3.689	48.344	Include Standby	0.000	0.000
3) TPCL Gas	3.764	48.066	<b>H) ENERGY CATERED (MUs)</b>		
4) R-INFRA Thermal	10.464	140.234	1) MSEDCL	380.979	4945.361
D) STATE			2) Mumbai Discoms	50.863	647.789
1) Thermal	233.892	2992.674	<b>TOTAL STATE</b>	<b>431.842</b>	<b>5593.150</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	16.170	253.393			
(A2+C2)					
3) Gas	14.548	172.639			
(A3+B6+C3)					
4) Wind	10.627	59.701			
6) SOLAR	1.241	16.222			
<b>TOTAL STATE</b>	<b>276.478</b>	<b>3494.629</b>			

\* 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 2 Hrs
MSPGCL Thermal	6343	6379	6026	4933
MSPGCL Hydro	993	1079	495	160
MSPGCL Gas	424	420	423	465
MSPGCL Total Generation	7760	7878	6944	5558
Central Sector Receipt	7618	7469	6406	5133
WIND	341	269	557	429
CPP / IPP Thermal	2968	2910	3009	2770
CPP / IPP Gas	0	0	0	0
SOLAR	177	177	0	0
Exchange with Mumbai	-887	-827	-1190	-434
<b>MSEDCL DEMAND MET</b>	<b>17977</b>	<b>17876</b>	<b>15726</b>	<b>13456</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	17977	17876	15726	13456
TPCL GENERATION	1276	1296	892	626
R-INFRA GENERATION	500	505	387	388
<b>MUMBAI DEMAND</b>	<b>2663</b>	<b>2628</b>	<b>2469</b>	<b>1448</b>
STATE DEMAND MET	20640	20504	18195	14904
<b>STATE DEMAND</b>	<b>20640</b>	<b>20504</b>	<b>18195</b>	<b>14904</b>
Frequency (Hz)	50.01	49.99	49.98	49.98

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 00.01 Hrs	49.83 Hz at 21.05 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 13/Feb/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.33	39.55	170	105
Unit 8	13.43	173.16	655	480
Unit 9	9.03	66.60	381	360
Unit 10	0.00	66.63	0	0
<b>Total</b>	<b>25.79</b>	<b>345.94</b>		
<b>Bhusawal</b>				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.31	143.15	510	360
Unit 5	10.40	103.91	510	360
<b>Total</b>	<b>20.71</b>	<b>247.06</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.39	65.24	250	192
Unit 7	5.42	71.83	252	187
Unit 8	0.00	0.00	0	0
<b>Total</b>	<b>10.82</b>	<b>137.08</b>		
<b>Chandrapur</b>				
Unit 3	4.47	59.66	199	167
Unit 4	4.49	59.95	197	168
Unit 5	10.14	135.35	460	360
Unit 6	5.08	31.54	410	0
Unit 7	0.00	0.00	0	0
Unit 8	9.81	116.50	490	342
Unit 9	7.84	136.69	470	33
<b>Total</b>	<b>41.82</b>	<b>539.69</b>		
<b>Paras</b>				
Unit 3	0.00	0.00	0	0
Unit 4	5.49	71.20	260	188
<b>Total</b>	<b>5.49</b>	<b>71.20</b>		
<b>Khaparkheda</b>				
Unit 1	3.99	54.44	185	160
Unit 2	4.19	55.00	195	160
Unit 3	4.29	44.67	200	161
Unit 4	4.17	45.44	191	160
Unit 5	9.95	102.56	470	380
<b>Total</b>	<b>26.58</b>	<b>302.11</b>		
<b>Nasik</b>				
Unit 3	4.28	56.26	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.29	56.74	203	164
<b>Total</b>	<b>8.56</b>	<b>112.99</b>		
<b>Uran</b>				
All Units	10.78	116.79	487	411
<b>Total</b>	<b>10.78</b>	<b>116.79</b>		
<b>PGPL</b>				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
<b>Total</b>	<b>0.00</b>	<b>7.78</b>		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>PENCH (MS)</b>				
Pench (MS)	0.27	5.28	42	0
<b>Total</b>	<b>0.27</b>	<b>5.28</b>		
<b>Koyna</b>				
Stage 1-2	3.52	48.96	445	40
Stage 4	3.05	60.61	430	0
Stage 3	1.11	23.59	160	0
<b>Total</b>	<b>7.68</b>	<b>133.17</b>		
<b>Hydro</b>				
KDPH	0.65	9.92	38	18
VTRNA	0.49	11.40	60	0
TILLARI	0.47	6.21	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.82	40	0
RNGR+BHTSA	0.34	3.83	15	14
BHANDARDRA	0.78	3.41	33	32
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.83	9.35	35	34
GHATGHAR	1.17	24.94	125	0
<b>Total</b>	<b>4.80</b>	<b>71.88</b>		
<b>Wind</b>				
Total	10.63	59.70	0	0
<b>Total</b>	<b>10.63</b>	<b>59.70</b>		
<b>CPP</b>				
APML(Mus)	41.45	587.91	0	0
JSWEL(Mus)	9.86	121.20	0	0
VIPL(Mus)	6.30	85.94	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.46	49.24	0	0
Other(Mus)	7.10	89.91	0	0
<b>Total</b>	<b>69.17</b>	<b>934.20</b>		
<b>SOLAR</b>				
Total	1.24	16.22	0	0
<b>Total</b>	<b>1.24</b>	<b>16.22</b>		
<b>Tata</b>				
Trombay 5	9.26	93.40	486	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	29.65	120	64
Trombay 7B	1.46	18.41	70	49
Trombay 8	5.23	68.76	250	199
TATA Hydro	3.69	48.34	409	0
<b>Total</b>	<b>21.95</b>	<b>258.58</b>		
<b>R-INFRA</b>				
1-2	10.46	140.23	510	386
<b>Total</b>	<b>10.46</b>	<b>140.23</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	139.77	1756.07
MSPGCL Thml+Gas	150.55	1872.86
MSPGCL Hydro	12.48	205.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	163.03	2077.91
Koyna 1,2 & 4 Total	6.57	109.57
State Total	276.48	3494.63

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 13/Feb/2017**

**Annexure-2**

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5147	166	462	5775	381	2822	0	0	5469	5493	-531	13940	0	13940	1542	15482	50.07
2	4933	160	465	5558	429	2770	0	0	5508	5133	-434	13456	0	13456	1448	14904	49.98
3	4949	170	463	5582	433	2711	0	0	5488	5376	-342	13760	0	13760	1356	15116	49.98
4	4952	165	465	5582	491	2703	0	0	5474	5290	-314	13752	0	13752	1328	15080	50.00
5	5039	175	465	5679	569	2719	0	0	5595	5496	-324	14139	0	14139	1338	15477	50.00
6	5434	190	474	6098	646	2829	0	0	5775	5998	-461	15110	0	15110	1476	16586	50.01
7	5939	626	465	7030	575	2902	0	0	6371	6277	-511	16273	0	16273	1694	17967	49.99
8	5943	854	477	7274	542	2923	0	9	7054	7202	-450	17500	0	17500	1939	19439	49.99
9	5964	1019	487	7470	477	2950	0	60	7210	7503	-567	17893	0	17893	2159	20052	50.02
10	6130	720	460	7310	445	2959	0	112	7155	6999	-744	17081	0	17081	2472	19553	49.99
11	6261	744	453	7458	392	2956	0	155	7190	7131	-855	17237	0	17237	2620	19857	50.03
12	6343	993	424	7760	341	2968	0	177	7518	7618	-887	17977	0	17977	2663	20640	50.01
13	6379	1079	420	7878	269	2910	0	177	7522	7469	-827	17876	0	17876	2628	20504	49.99
14	6421	627	437	7485	245	2958	0	181	7540	7582	-811	17640	0	17640	2528	20168	50.00
15	6461	604	422	7487	243	2986	0	150	7556	7596	-863	17599	0	17599	2562	20161	49.97
16	6572	599	411	7582	232	3001	0	126	7621	7534	-874	17601	0	17601	2566	20167	50.00
17	6470	577	417	7464	342	2994	0	70	6983	7199	-911	17158	0	17158	2562	19720	49.95
18	6073	934	437	7444	521	3021	0	24	6466	6802	-1031	16781	0	16781	2481	19262	49.99
19	6026	495	423	6944	557	3009	0	0	6525	6406	-1190	15726	0	15726	2469	18195	49.98
20	5945	475	449	6869	548	2979	0	0	6622	6447	-1231	15612	0	15612	2479	18091	50.05
21	5565	424	448	6437	560	2828	0	0	6611	6229	-1269	14785	0	14785	2416	17201	50.03
22	5498	203	452	6153	470	2714	0	0	6059	5580	-1139	13778	0	13778	2212	15990	50.00
23	5583	339	453	6375	439	2777	0	0	5305	5534	-1061	14064	0	14064	2081	16145	49.99
24	5742	143	455	6340	480	2777	0	0	5293	5470	-826	14241	0	14241	1844	16085	50.04
MUs	139.77	12.48	10.78	163.03	10.63	69.17	0.00	1.24	155.91	155.36	-18.45	380.98	0.00	380.98	50.86	431.84	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 13/Feb/2017**

Position as on 6.30 Hrs of 14/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
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	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
<b>FORCED OUTAGE</b>								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
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	
RGPPL	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 by MSEDCL	
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 by MSEDCL	
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.	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	

**State Load Despatch Center,Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 13/Feb/2017**

Position as on 6.30 Hrs of 14/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 6	500	11/02/2017	15.36	13/02/2017	08.50	Control Oil Pressure Low	
MSPGCL	Chandrapur Unit 9	500	12/02/2017	19.55	13/02/2017	00.40	PA Fan problem	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Feb/2017**

**Statement-VII**

Position as on 6.30 Hrs of 14/Feb/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>765 KV ICT Outages/Trippings</b>							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	13/02/2017	11.40	13/02/2017	18.51	PO	Alignment Of Isolator.
<b>400 KV LINE Outages/Trippings</b>							
Dhule Sar'Sarovar II	InterState	12/02/2017	17.36	13/02/2017	06.21	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/02/2017	17.38	14/02/2017	06.40	HT	Over Voltage
karad -kolhapur-II	IntraState	12/02/2017	16.07	13/02/2017	10.02	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/02/2017	16.08	13/02/2017	10.13	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/02/2017	20.00	13/02/2017	06.40	HT	Over Voltage
karad -kolhapur-I	IntraState	13/02/2017	17.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/02/2017	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/02/2017	18.06		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	13/02/2017	21.56	14/02/2017	06.20	PO	A Bus Conductor Replacement Work.
Kalwa - Kharghar	IntraState	13/02/2017	22.27	14/02/2017	05.37	PO	A Bus Conductor Replacement Work.
<b>400 KV ICT Outages/Trippings</b>							
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	13/02/2017	15.06	13/02/2017	18.08	EO	Attending Hot Spot
<b>220 KV LINE Outages/Trippings</b>							
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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Chinchwad- Parvati	IntraState	08/02/2017	11.55	13/02/2017	19.45	PO	Construction Work
TPC Borivali Aarey Line 1	IntraState	12/02/2017	07.32	13/02/2017	00.51	PO	Maintenance Work.
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	13/02/2017	01.47	13/02/2017	02.08	T	Distance Protection
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Bableshwar- Bableshwar-II	IntraState	13/02/2017	09.10	13/02/2017	10.10	PO	Attending Hot Spot
mudshingi Bus section no.1	IntraState	13/02/2017	11.15	13/02/2017	13.40	EO	Attending Red Hot Spot Work
Nagothane-Wadkhal II	IntraState	13/02/2017	13.55		Continued.	T	Distance Protection
Hamidwada-Mumewadi	IntraState	13/02/2017	15.05	13/02/2017	17.04	PO	Attending Oil Leakage
Pophli Pedhmbe Line- 1	IntraState	14/02/2017	03.56		Continued.	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
Main Bus Section-I@ Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.20	T	Bus Bar Protection Operated. 25 mva HV side C.T.bust
New Koyna - Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.50	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
Pedambe-Nerle	IntraState	14/02/2017	03.56	14/02/2017	05.54	T	Distance Protection.Tripped at Nerle end
Mahad - Pedambe	IntraState	14/02/2017	03.56	14/02/2017	06.45	T	Distance Protection. 25 mva HV side C.T.bust at pedambe
<b>220 KV ICT Outages/Trippings</b>							
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)
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	09/02/2017	09.53	09/02/2017		PO	Testing Work

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