

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 04/Jan/2017 WEDNESDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.988	556.542	1) Gujrat	-0.130	-4.878
2) Hydro	18.922	60.778	2) Madhya Pradesh	5.963	26.624
3) Gas	11.134	33.195	3) Chattisgarh	7.770	31.290
<b>Total MSPGCL</b>	<b>170.044</b>	<b>650.515</b>	4) Maharashtra Net	108.980	428.349
B) 1) APLM	53.985	205.695	5) Goa (Amona)	-0.732	-2.842
2) JSWEL	9.157	36.157	<b>Total</b>	<b>121.851</b>	<b>478.543</b>
3) VIPL	6.938	28.416	a) Mumbai Schedule	18.389	58.573
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.040	74.115
5) WPCL	4.182	16.496	c) MSEDCL Bilateral *	28.380	122.893
6) PGPL	3.011	9.026	Include PX	1.094	6.882
7) Other IPP	9.315	37.069	d) Mumbai Bilateral *	18.389	58.573
C) 1) TPCL Thermal	5.324	47.555	Include PX	7.117	15.899
2) TPCL Hydro	6.442	16.101	Include Standby	0.000	0.000
3) TPCL Gas	3.681	15.716	<b>H) ENERGY CATERED (MUs)</b>		
4) R-INFRA Thermal	10.544	41.879	1) MSEDCL	359.739	1409.063
D) STATE			2) Mumbai Discoms	51.031	195.365
1) Thermal	239.433	969.809	<b>TOTAL STATE</b>	<b>410.770</b>	<b>1604.428</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	25.364	76.879			
(A2+C2)					
3) Gas	17.826	57.937			
(A3+B6+C3)					
4) Wind	5.038	16.457			
6) SOLAR	1.258	4.804			
<b>TOTAL STATE</b>	<b>288.919</b>	<b>1125.886</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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6496	6527	5794	4785
MSPGCL Hydro	1974	1498	595	108
MSPGCL Gas	453	442	468	465
MSPGCL Total Generation	8923	8467	6857	5358
Central Sector Receipt	6028	5970	5500	4126
WIND	136	83	108	154
CPP / IPP Thermal	3645	3636	3660	3362
CPP / IPP Gas	232	232	15	0
SOLAR	181	195	0	0
Exchange with Mumbai	-1230	-1213	-1341	-1105
<b>MSEDCL DEMAND MET</b>	<b>17915</b>	<b>17370</b>	<b>14800</b>	<b>11895</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	17915	17370	14800	11895
TPCL GENERATION	886	887	785	346
R-INFRA GENERATION	502	509	385	386
<b>MUMBAI DEMAND</b>	<b>2618</b>	<b>2609</b>	<b>2511</b>	<b>1837</b>
STATE DEMAND MET	20533	19979	17311	13732
<b>STATE DEMAND</b>	<b>20533</b>	<b>19979</b>	<b>17311</b>	<b>13732</b>
Frequency (Hz)	49.95	49.95	49.98	50.00

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.03 Hrs	49.78 Hz at 06.12 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 04/Jan/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	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.79	45.63	594	336
<b>Total</b>	<b>11.79</b>	<b>45.63</b>		
<b>Bhusawal</b>				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.59	41.40	510	350
Unit 5	10.57	41.31	515	360
<b>Total</b>	<b>21.16</b>	<b>82.72</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.47	21.08	250	207
Unit 7	5.26	20.78	252	187
Unit 8	0.00	0.00	0	0
<b>Total</b>	<b>10.72</b>	<b>41.86</b>		
<b>Chandrapur</b>				
Unit 3	4.45	17.60	200	166
Unit 4	4.45	17.49	198	168
Unit 5	9.97	39.29	460	364
Unit 6	9.82	38.68	450	359
Unit 7	9.20	36.77	411	343
Unit 8	10.43	41.40	495	358
Unit 9	6.94	33.56	382	118
<b>Total</b>	<b>55.25</b>	<b>224.79</b>		
<b>Paras</b>				
Unit 3	0.00	0.00	0	0
Unit 4	5.39	21.28	255	198
<b>Total</b>	<b>5.39</b>	<b>21.28</b>		
<b>Khaparkheda</b>				
Unit 1	4.12	16.59	195	150
Unit 2	4.17	16.30	190	160
Unit 3	4.40	17.39	204	164
Unit 4	4.24	16.78	192	162
Unit 5	10.48	41.06	500	357
<b>Total</b>	<b>27.40</b>	<b>108.12</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	4.16	16.04	205	157
Unit 5	4.11	16.10	195	158
<b>Total</b>	<b>8.27</b>	<b>32.13</b>		
<b>Uran</b>				
All Units	11.13	33.20	495	435
<b>Total</b>	<b>11.13</b>	<b>33.20</b>		
<b>PGPL</b>				
Unit 1	1.82	5.47	142	0
Unit 2	1.19	3.55	93	0
<b>Total</b>	<b>3.01</b>	<b>9.03</b>		
<b>PENCH (MS)</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.81	2.42	53	0
<b>Total</b>	<b>0.81</b>	<b>2.42</b>		
<b>Koyna</b>				
Stage 1-2	4.48	16.46	475	40
Stage 4	7.66	21.00	968	0
Stage 3	2.62	8.08	240	0
<b>Total</b>	<b>14.76</b>	<b>45.54</b>		
<b>Hydro</b>				
KDPH	0.46	1.35	38	0
VTRNA	0.45	1.78	59	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.85	40	0
RNGR+BHTSA	0.36	1.44	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	2.14	33	22
GHATGHAR	1.98	7.68	250	0
<b>Total</b>	<b>4.16</b>	<b>15.24</b>		
<b>Wind</b>				
Total	5.04	16.46	0	0
<b>Total</b>	<b>5.04</b>	<b>16.46</b>		
<b>CPP</b>				
APML(Mus)	53.98	205.70	0	0
JSWEL(Mus)	9.16	36.16	0	0
VIPL(Mus)	6.94	28.42	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.18	16.50	0	0
Other(Mus)	9.32	37.07	0	0
<b>Total</b>	<b>83.58</b>	<b>323.83</b>		
<b>SOLAR</b>				
Total	1.26	4.80	0	0
<b>Total</b>	<b>1.26</b>	<b>4.80</b>		
<b>Tata</b>				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.25	9.73	115	78
Trombay 7B	1.44	5.98	67	54
Trombay 8	5.32	21.17	246	200
TATA Hydro	6.44	16.10	459	76
<b>Total</b>	<b>15.45</b>	<b>79.37</b>		
<b>R-INFRA</b>				
1-2	10.54	41.88	509	385
<b>Total</b>	<b>10.54</b>	<b>41.88</b>		

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

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	139.99	556.54
MSPGCL Thml+Gas	151.12	589.74
MSPGCL Hydro	18.92	60.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	170.04	650.52
Koyna 1,2 & 4 Total	12.15	37.46
State Total	288.92	1125.89

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 04/Jan/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	5337	116	468	5921	381	3071	0	0	4074	3885	-929	12329	0	12329	1647	13976	49.94
2	5324	126	480	5930	411	3055	0	0	3891	3706	-795	12307	0	12307	1515	13822	49.98
3	5292	131	470	5893	387	3042	0	0	3724	3735	-731	12326	0	12326	1450	13776	50.00
4	5289	116	482	5887	346	3053	0	0	3735	4213	-683	12816	0	12816	1403	14219	49.98
5	5301	116	472	5889	359	3117	34	0	4057	4361	-694	13066	0	13066	1414	14480	49.97
6	5428	216	481	6125	394	3356	82	0	4695	4668	-814	13810	0	13810	1534	15344	49.96
7	6291	356	471	7118	411	3578	162	0	5066	5016	-795	15490	0	15490	1728	17218	49.92
8	6386	1294	484	8164	406	3636	222	9	5283	5143	-716	16864	0	16864	1964	18828	49.94
9	6413	1411	495	8319	294	3634	233	62	5572	5343	-809	17076	0	17076	2150	19226	49.95
10	6430	1813	483	8726	251	3650	233	118	5752	5640	-1113	17505	0	17505	2486	19991	49.90
11	6340	2013	470	8823	213	3645	232	161	5915	6047	-1187	17934	0	17934	2580	20514	49.94
12	6496	1974	453	8923	136	3645	232	181	5989	6028	-1230	17915	0	17915	2618	20533	49.95
13	6527	1498	442	8467	83	3636	232	195	6030	5970	-1213	17370	0	17370	2609	19979	49.95
14	6428	1466	439	8333	46	3659	231	183	5976	5870	-1128	17194	0	17194	2480	19674	49.96
15	6393	1229	435	8057	39	3673	232	155	5954	5916	-1120	16951	0	16951	2514	19465	49.95
16	6359	1177	441	7977	51	3680	232	113	5974	5998	-1114	16936	0	16936	2508	19444	49.97
17	6352	887	439	7678	45	3673	231	66	5727	5932	-1131	16494	0	16494	2510	19004	49.97
18	6135	282	441	6858	68	3672	232	15	5225	5306	-1362	14789	0	14789	2477	17266	49.96
19	5887	560	459	6906	102	3668	174	0	5179	5141	-1427	14563	0	14563	2559	17122	50.00
20	5794	595	468	6857	108	3660	15	0	5536	5500	-1341	14800	0	14800	2511	17311	49.98
21	5268	266	458	5992	114	3622	0	0	5497	5452	-1240	13940	0	13940	2331	16271	49.94
22	4892	600	476	5968	117	3413	0	0	4526	4579	-1185	12892	0	12892	2220	15112	49.96
23	4841	572	462	5875	122	3381	0	0	4428	4272	-1178	12472	0	12472	1986	14458	49.96
24	4785	108	465	5358	154	3362	0	0	4841	4126	-1105	11895	0	11895	1837	13732	50.00
<b>MUs</b>	<b>139.99</b>	<b>18.92</b>	<b>11.13</b>	<b>170.04</b>	<b>5.04</b>	<b>83.58</b>	<b>3.01</b>	<b>1.26</b>	<b>122.65</b>	<b>121.85</b>	<b>-25.04</b>	<b>359.73</b>	<b>0.00</b>	<b>359.73</b>	<b>51.03</b>	<b>410.77</b>	<b>49.96</b>

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 04/Jan/2017**

Position as on 6.30 Hrs of 05/Jan/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	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	
MSPGCL	Koyna Unit 4	75	04/01/2017	09.20		Continued.	R.M.Work.	
<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 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	
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	
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.	

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 04/Jan/2017**

Position as on 6.30 Hrs of 05/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
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	
MSPGCL	Koradi Unit 10	660	29/12/2016	04.54		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U2	126	03/01/2017	19.15	04/01/2017	05.02	No schedule	
PGPL	PGPL U1	262	03/01/2017	19.15	04/01/2017	04.00	No Schedule	
PGPL	PGPL U1	262	04/01/2017	19.15	05/01/2017	03.59	Withdrawal due to Non Schedule	
PGPL	PGPL U2	126	04/01/2017	19.16	05/01/2017	05.17	Withdrawal due to Non Schedule	
MSPGCL	Chandrapur Unit 9	500	04/01/2017	19.34		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	05/01/2017	00.41	05/01/2017	05.26	Drum Level High.	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jan/2017**

**Statement-VII**

Position as on 6.30 Hrs of 05/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>765 KV LINE Outages/Trippings</b>							
Koradi-III - Akola-II ckt-I	IntraState	04/01/2017	12.10	04/01/2017	14.59	PO	R Phase Bushing Replacement Work.
<b>400 KV LINE Outages/Trippings</b>							
Dhule Sar'Sarovar II	InterState	03/01/2017	17.32	04/01/2017	06.30	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	04/01/2017	09.43	04/01/2017	19.22	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	04/01/2017	18.26		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	03/01/2017	16.18	04/01/2017	09.27	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/01/2017	16.21	04/01/2017	09.23	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/01/2017	19.45	04/01/2017	07.44	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2017	21.25	04/01/2017	07.22	HT	Over Voltage
karad -kolhapur-I	IntraState	04/01/2017	16.17		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/01/2017	16.19		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/01/2017	17.36		Continued.	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	04/01/2017	21.36		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/01/2017	21.36	05/01/2017	06.43	HT	Over Voltage
<b>400 KV ICT Outages/Trippings</b>							
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	02/01/2017	21.10		Continued.	PO	ATTEND DC LEAKAGE.
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	04/01/2017	09.03	04/01/2017	20.23	EO	Attending Oil Leakage
<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.
Midc Chandrapur-Gadchandur	IntraState	04/01/2017	08.27	04/01/2017	13.07	PO	Erection of New Tower.
chandrapur-Tadali	IntraState	04/01/2017	08.36	04/01/2017	13.07	PO	Erection of New Tower.
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	04/01/2017	10.08	04/01/2017	11.11	T	Tripped @ ICT End Only.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	04/01/2017	11.05	04/01/2017	16.17	EO	Attending Hot Spot
Beed-Patoda Ckt 1	IntraState	04/01/2017	15.57	04/01/2017	18.25	PO	Quarterly Maintainance Work
Pandharpur - Hiwarwada	IntraState	05/01/2017	00.18	05/01/2017	02.59	T	Distance Protection
<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)
220/100 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 ICT IV @Padghe	IntraState	27/12/2016	17.30		Continued.	PO	Testing Work
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	04/01/2017	09.20	04/01/2017	18.41	PO	Routine Maintenance Work
220/22 Kv 50 Mva Telk Ptr 2 @Mahad	IntraState	04/01/2017	10.26		Continued.	PO	T/F Replacement Work.
<b>132 KV LINE Outages/Trippings</b>							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.
Deepnagar(Gcr) -New Midc Jalgaon	IntraState	04/01/2017	15.52	04/01/2017	16.22	T	Distance Protection

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