

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 16/Apr/2015 THURSDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.880	1940.811	1) Gujrat	-3.221	-12.671
2) Hydro	29.027	349.319	2) Madhya Pradesh	13.672	261.872
3) Gas	6.941	82.249	3) Chattisgarh	4.990	86.210
<b>Total MSPGCL</b>	<b>154.848</b>	<b>2372.379</b>	4) Maharashtra Net	85.457	1396.551
B) 1) APLM	43.620	728.050	5) Goa	-7.178	-111.329
2) JSWEL	24.278	350.729	6) TAPS 1&2 Injection	3.555	57.640
3) VIPL	13.087	179.314	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.920	112.109	8) Pench (MS)	0.099	0.901
5) WPCL	2.533	42.584	9) Pench (Excess)	-0.099	-0.901
6) Other IPP	7.571	133.933	<b>Total</b>	<b>97.176</b>	<b>1677.372</b>
C) 1) TPCL Thermal	17.336	285.655	a) Mumbai Schedule	26.619	350.513
2) TPCL Hydro	5.504	59.297	b) Mumbai Drawl	27.335	373.911
3) TPCL Gas	2.180	37.358	c) MSEDCL Bilateral *	22.960	353.348
4) R-INFRA Thermal	10.073	185.533	Include PX	-0.660	-25.389
D) STATE			d) Mumbai Bilateral *	25.778	349.672
1) Thermal	243.298	3958.718	Include PX	0.099	5.125
(A1+C1+C4+(B1-B6))			Include Standby	0.841	0.841
2) Hydro	34.531	408.616	<b>H) ENERGY CATERED (MUs)</b>		
3) Gas	9.121	119.607	1) MSEDCL	326.284	5392.528
4) Wind	3.270	149.319	2) Mumbai Discoms	62.426	941.750
6) SOLAR	1.316	19.749	<b>TOTAL STATE</b>	<b>388.710</b>	<b>6334.278</b>
<b>TOTAL STATE</b>	<b>291.536</b>	<b>4656.009</b>			

\* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4957	4963	5066	4859
MSPGCL Hydro	2152	1972	1487	156
MSPGCL Gas	293	290	287	296
MSPGCL Total Generation	7402	7225	6840	5311
Central Sector Receipt	4236	4326	4017	3648
WIND	156	111	128	191
CPP / IPP	4024	4050	4161	3981
SOLAR	176	195	0	0
Exchange with Mumbai	-1344	-1335	-1425	-551
<b>MSEDCL DEMAND MET</b>	<b>14650</b>	<b>14572</b>	<b>13721</b>	<b>12580</b>
Load Shedding	45	45	40	42
MSEDCL DEMAND	14695	14617	13761	12622
TPCL GENERATION	1209	1271	1170	821
R-INFRA GENERATION	516	519	258	519
<b>MUMBAI DEMAND</b>	<b>3069</b>	<b>3125</b>	<b>2853</b>	<b>1891</b>
STATE DEMAND MET	17719	17697	16574	14471
<b>STATE DEMAND</b>	<b>17764</b>	<b>17742</b>	<b>16614</b>	<b>14513</b>
Frequency (Hz)	50.00	50.02	49.86	50.01

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 07.02 Hrs	49.7 Hz at 19.10 Hrs	49.99	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 16/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 5	1.33	33.83	145	0
Unit 6	0.00	0.00	0	0
Unit 7	3.10	62.23	145	115
<b>Total</b>	<b>4.42</b>	<b>96.06</b>		
<b>Bhusawal</b>				
Unit 2	0.00	0.00	0	0
Unit 3	4.30	64.79	185	165
Unit 4	12.00	157.74	515	405
Unit 5	7.89	147.60	350	310
<b>Total</b>	<b>24.20</b>	<b>370.13</b>		
<b>Parli</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	25.46	0	0
Unit 5	3.52	54.93	155	140
Unit 6	0.00	66.86	0	0
Unit 7	5.15	72.47	250	180
<b>Total</b>	<b>8.67</b>	<b>219.72</b>		
<b>Chandrapur</b>				
Unit 1	0.00	0.00	0	0
Unit 2	3.01	51.24	132	110
Unit 3	4.84	72.80	210	180
Unit 4	4.48	65.95	194	163
Unit 5	10.22	133.74	430	412
Unit 6	10.07	152.94	425	410
Unit 7	10.05	150.05	441	361
<b>Total</b>	<b>42.68</b>	<b>626.71</b>		
<b>Paras</b>				
Unit 3	0.00	65.01	0	0
Unit 4	4.76	45.38	211	180
<b>Total</b>	<b>4.76</b>	<b>110.40</b>		
<b>Khaparkheda</b>				
Unit 1	4.31	67.36	190	170
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	4.14	50.10	178	168
Unit 5	11.72	178.26	500	456
<b>Total</b>	<b>20.16</b>	<b>307.54</b>		
<b>Nasik</b>				
Unit 3	4.93	73.80	210	200
Unit 4	4.55	71.91	197	180
Unit 5	4.51	64.54	194	164
<b>Total</b>	<b>13.99</b>	<b>210.26</b>		
<b>Uran</b>				
All Units	6.94	82.25	297	280
<b>Total</b>	<b>6.94</b>	<b>82.25</b>		
<b>PENCH (MS)</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	0.90	30	0
<b>Total</b>	<b>0.10</b>	<b>0.90</b>		
<b>Koyna</b>				
Stage 1-2	7.08	91.49	555	40
Stage 4	13.29	131.88	1120	0
Stage 3	4.71	48.78	320	0
<b>Total</b>	<b>25.09</b>	<b>272.16</b>		
<b>Hydro</b>				
KDPH	0.43	9.42	18	18
VTRNA	0.76	16.72	61	0
TILLARI	0.30	5.79	62	0
BHTGR/VEER	0.05	0.89	3	2
BHIRA T.R.	0.23	3.22	80	0
RNGR+BHTSA	0.27	3.88	12	11
BHANDARDRA	0.05	7.28	24	0
ELDARY	0.00	0.72	0	0
SMLHY_PTN	1.06	15.46	45	44
GHATGHAR	0.78	13.79	240	0
<b>Total</b>	<b>3.94</b>	<b>77.16</b>		
<b>Wind</b>				
Total	3.27	149.32	0	0
<b>Total</b>	<b>3.27</b>	<b>149.32</b>		
<b>CPP</b>				
APML(Mus)	43.62	728.05	0	0
JSWEL(Mus)	24.28	350.73	0	0
VIPL(Mus)	13.09	179.31	0	0
RPLAMT(Mus)	5.92	112.11	0	0
WPCL(Mus)	2.53	42.58	0	0
Other(Mus)	7.57	133.93	0	0
<b>Total</b>	<b>97.01</b>	<b>1546.72</b>		
<b>SOLAR</b>				
Total	1.32	19.75	0	0
<b>Total</b>	<b>1.32</b>	<b>19.75</b>		
<b>Tata</b>				
Trombay 5	11.34	172.95	486	451
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.21	20.78	55	49
Trombay 7B	0.97	16.58	43	40
Trombay 8	5.99	92.78	252	248
TATA Hydro	5.50	59.30	471	0
<b>Total</b>	<b>25.02</b>	<b>382.31</b>		
<b>R-INFRA</b>				
1-2	10.07	185.53	520	254
<b>Total</b>	<b>10.07</b>	<b>185.53</b>		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.88	1940.81
MSPGCL Thml+Gas	125.82	2023.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	29.03	349.32
MSPGCL Total	154.85	2372.38

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	20.38	223.38
State Total	291.54	4656.01

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 16/Apr/2015**

**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													
1	4865	551	291	5707	139	4002	0	4221	4274	-992	13130	59	13189	2343	15532	50.00
2	4854	482	295	5631	134	3983	0	4000	3774	-814	12708	42	12750	2132	14882	49.99
3	4870	206	297	5373	148	3985	0	4001	3746	-674	12578	42	12620	1990	14610	49.99
4	4859	156	296	5311	191	3981	0	4014	3648	-551	12580	42	12622	1891	14513	50.01
5	4870	120	295	5285	186	3935	0	4014	3801	-520	12687	42	12729	1865	14594	50.01
6	4876	125	296	5297	194	4085	0	4014	4035	-565	13046	45	13091	1915	15006	49.97
7	4889	349	294	5532	177	3973	5	4275	4500	-636	13551	48	13599	1986	15585	50.07
8	4932	840	294	6066	119	4013	24	4301	4552	-707	14067	48	14115	2106	16221	50.06
9	4937	1387	291	6615	132	4006	73	4401	4287	-898	14215	48	14263	2380	16643	50.01
10	4941	1943	285	7169	140	4073	121	4417	4509	-1146	14866	48	14914	2792	17706	49.98
11	4957	2152	293	7402	156	4024	176	4489	4236	-1344	14650	45	14695	3069	17764	50.00
12	4918	1920	292	7130	146	3994	147	4573	4509	-1375	14551	45	14596	3121	17717	49.98
13	4963	1972	290	7225	111	4050	195	4578	4326	-1335	14572	45	14617	3125	17742	50.02
14	5005	1946	281	7232	75	4014	158	4566	4164	-1277	14366	40	14406	3054	17460	50.05
15	5018	2066	281	7365	82	3987	167	4525	3994	-1387	14208	37	14245	3105	17350	49.94
16	5022	2311	280	7613	86	4004	143	4404	4130	-1593	14383	39	14422	3119	17541	49.95
17	5045	1745	281	7071	273	4020	87	4362	4086	-1567	13970	41	14011	3088	17099	49.99
18	4898	1264	285	6447	203	3962	19	3711	3564	-1533	12662	41	12703	3013	15716	50.02
19	5089	1181	285	6555	129	3964	1	3548	3302	-1435	12516	40	12556	2843	15399	49.95
20	5066	1487	287	6840	128	4161	0	4304	4017	-1425	13721	40	13761	2853	16614	49.86
21	5038	1299	287	6624	103	4197	0	4283	4069	-1399	13594	40	13634	2772	16406	49.94
22	5024	1078	287	6389	111	4238	0	4251	3721	-1390	13069	40	13109	2667	15776	49.98
23	4978	1050	288	6316	71	4193	0	4096	4122	-1389	13313	40	13353	2604	15957	49.91
24	4965	1397	290	6652	36	4165	0	3983	3808	-1383	13278	40	13318	2594	15912	49.96
MUs	118.88	29.03	6.94	154.85	3.27	97.01	1.32	101.33	97.17	-27.33	326.28	1.04	327.32	62.43	389.75	49.99

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 16/Apr/2015**

Position as on 6.30 Hrs of 17/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		Continued.	Annual Overhaul	
<b>FORCED OUTAGE</b>								
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	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39	17/04/2015	04.18	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	
IPP	WPCL U-3	135	11/04/2015	23.56		Continued.	ID Fan Vibration Problem.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Koradi Unit 5	200	14/04/2015	01.01	16/04/2015	11.03	Flame Failure	

**State Load Despatch Center,Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 16/Apr/2015**

Position as on 6.30 Hrs of 17/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	14/04/2015	10.53		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	14/04/2015	16.10		Continued.	PA Fan problem	
MSPGCL	Parli Unit 6	250	15/04/2015	18.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	16/04/2015	11.15	16/04/2015	12.38	Turbine tripped	
RINFRA-G	REL Unit 1	250	16/04/2015	14.55		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Koyna STG- IV Unit - 1	250	17/04/2015	05.55		Continued.	turbine guide bearing temp.high	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Apr/2015**

**Statement-VII**

Position as on 6.30 Hrs of 17/Apr/2015

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>								
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37			Continued.	PO	For Construction Crossing & Swapping Work of Commissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57			Continued.	HT	Over Voltage
<b>400 KV LINE Outages/Trippings</b>								
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27			Continued.	T	Over Current Protection
Kolhapur Mapusa II	InterState	15/04/2015	17.12	16/04/2015	10.21		HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/04/2015	21.48	16/04/2015	10.18		HT	Over Voltage
Parli (PG) - Talegaon(PG)- I	InterState	16/04/2015	12.10			Continued.	PO	Tower leg bending work
Parli (PG) - Talegaon(PG)- II	InterState	16/04/2015	12.30			Continued.	PO	Tower leg bending work
Kolhapur Mapusa I	InterState	16/04/2015	17.35			Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/04/2015	18.10			Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	16/04/2015	19.52			Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45			Continued.	HT	HT For Controlling 400KV BABLESHWAR - PADGHA
karad -kolhapur-II	IntraState	15/04/2015	16.16	16/04/2015	07.15		T	Over Voltage
Karad-Jaigad - I	IntraState	15/04/2015	16.32	16/04/2015	08.24		HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/04/2015	21.52	16/04/2015	08.13		HT	Over Voltage
Dhule- Bableshtar - I	IntraState	16/04/2015	10.22	16/04/2015	15.13		PO	E/W reconneting work
karad -kolhapur-II	IntraState	16/04/2015	16.33			Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/04/2015	16.58			Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	16/04/2015	18.02			Continued.	HT	Over Voltage
<b>220 KV LINE Outages/Trippings</b>								
Nasik Navsari I	InterState	10/04/2015	18.23			Continued.	HT	From Nashik end to Control Bus section Loading.
Nasik Navsari II	InterState	16/04/2015	12.37	16/04/2015	17.02		T	Distance Protection
TBC @ Parli-II	IntraState	07/01/2015	15.48			Continued.	PO	Shifting of control panel
Sahara-Urse	IntraState	03/03/2015	11.06			Continued.	PO	Tower erection work (90Days)
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 deenergising 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 deenergising the line bet.86 to 107.
Uran - Apta 2	IntraState	13/04/2015	09.45			Continued.	PO	Breaker O/H work.Ckt on TBC.
Ongc Panvel - Tss Panvel	IntraState	16/04/2015	11.54	16/04/2015	13.05		PO	Replacement work of valve
Talange(400kv)- Sawantwadi(Insul	IntraState	16/04/2015	16.16	16/04/2015	16.38		T	Distance Protection
Chakan-Bhosari	IntraState	16/04/2015	22.40	17/04/2015	01.04		PO	Attending Hot Spot
<b>220 KV ICT Outages/Trippings</b>								
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16			Continued.	T	Monkey Fault
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	16/04/2015	12.33			Continued.	PO	Replacement work

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