

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 17/Aug/2015 MONDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	83.362	1577.367	1) Gujrat	14.063	139.067
2) Hydro	8.894	119.259	2) Madhya Pradesh	13.987	196.446
3) Gas	6.645	105.641	3) Chattisgarh	4.480	78.330
<b>Total MSPGCL</b>	<b>98.901</b>	<b>1802.267</b>	4) Maharashtra Net	85.509	1356.980
B) 1) APLM	57.650	804.510	5) Goa	-6.964	-102.668
2) JSWEL	27.693	441.210	6) TAPS 1&2 Injection	2.569	45.028
3) VIPL	11.582	111.031	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	17.150	274.179	8) Pench (MS)	0.871	5.471
5) WPCL	3.747	56.226	9) Pench (Excess)	-0.871	-4.425
6) Other IPP	2.208	32.062	<b>Total</b>	<b>112.773</b>	<b>1708.758</b>
C) 1) TPCL Thermal	16.661	266.612	a) Mumbai Schedule	24.960	376.980
2) TPCL Hydro	3.088	57.391	b) Mumbai Drawl	26.189	438.153
3) TPCL Gas	1.829	26.287	c) MSEDCL Bilateral *	28.605	459.028
4) R-INFRA Thermal	12.273	185.222	Include PX	3.346	8.769
D) STATE			d) Mumbai Bilateral *	24.960	376.980
1) Thermal	232.326	3748.419	Include PX	2.232	85.880
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.982	176.650	<b>H) ENERGY CATERED (MUs)</b>		
3) Gas	8.474	131.928	1) MSEDCL	321.520	5254.861
4) Wind	14.990	446.769	2) Mumbai Discoms	60.044	973.648
6) SOLAR	1.015	16.002	<b>TOTAL STATE</b>	<b>381.564</b>	<b>6228.509</b>
<b>TOTAL STATE</b>	<b>268.787</b>	<b>4519.768</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 4 Hrs
MSPGCL Thermal	3543	3576	3690	3051
MSPGCL Hydro	568	603	541	214
MSPGCL Gas	280	280	272	277
MSPGCL Total Generation	4391	4459	4503	3542
Central Sector Receipt	6190	5631	4929	3529
WIND	296	362	810	638
CPP / IPP	5088	5194	5091	4904
SOLAR	137	129	0	0
Exchange with Mumbai	-1506	-1434	-1231	-609
<b>MSEDCL DEMAND MET</b>	<b>14596</b>	<b>14341</b>	<b>14102</b>	<b>12004</b>
Load Shedding	24	24	22	24
MSEDCL DEMAND	14620	14365	14124	12028
TPCL GENERATION	1041	1087	1037	623
R-INFRA GENERATION	512	514	517	518
<b>MUMBAI DEMAND</b>	<b>3059</b>	<b>3035</b>	<b>2785</b>	<b>1750</b>
STATE DEMAND MET	17655	17376	16887	13754
<b>STATE DEMAND</b>	<b>17679</b>	<b>17400</b>	<b>16909</b>	<b>13778</b>
Frequency (Hz)	49.94	49.94	49.86	49.98

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.61 Hz at 14.20 Hrs	49.95	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 17/Aug/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 5	0.00	42.78	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.03	63.58	170	160
<b>Total</b>	<b>4.03</b>	<b>106.36</b>		
<b>Bhusawal</b>				
Unit 2	0.00	0.00	0	0
Unit 3	3.76	65.93	180	120
Unit 4	7.95	133.84	485	0
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>11.72</b>	<b>199.77</b>		
<b>Parli</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Chandrapur</b>				
Unit 1	0.00	0.00	0	0
Unit 2	3.17	54.28	138	121
Unit 3	4.01	52.59	190	132
Unit 4	3.97	62.92	179	111
Unit 5	7.93	144.43	365	256
Unit 6	7.75	130.25	370	275
Unit 7	7.29	131.22	368	250
<b>Total</b>	<b>34.12</b>	<b>575.70</b>		
<b>Paras</b>				
Unit 3	4.19	77.59	204	130
Unit 4	5.02	80.38	234	189
<b>Total</b>	<b>9.20</b>	<b>157.97</b>		
<b>Khaparkheda</b>				
Unit 1	0.96	47.68	140	0
Unit 2	2.97	55.02	150	95
Unit 3	3.36	55.80	155	132
Unit 4	0.00	58.72	0	0
Unit 5	8.05	109.25	425	250
<b>Total</b>	<b>15.34</b>	<b>326.47</b>		
<b>Nasik</b>				
Unit 3	4.23	75.20	200	0
Unit 4	4.61	76.78	202	175
Unit 5	0.10	59.11	102	0
<b>Total</b>	<b>8.94</b>	<b>211.10</b>		
<b>Uran</b>				
All Units	6.64	105.64	281	270
<b>Total</b>	<b>6.64</b>	<b>105.64</b>		
<b>PENCH (MS)</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.87	5.47	54	20
<b>Total</b>	<b>0.87</b>	<b>5.47</b>		
<b>Koyna</b>				
Stage 1-2	3.05	48.04	435	40
Stage 4	2.15	18.60	394	0
Stage 3	1.28	22.61	160	0
<b>Total</b>	<b>6.47</b>	<b>89.24</b>		
<b>Hydro</b>				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.44	0	0
TILLARI	0.00	1.94	0	0
BHTGR/VEER	0.06	1.26	3	2
BHIRA T.R.	0.33	5.98	80	0
RNGR+BHTSA	0.00	0.17	0	0
BHANDARDRA	0.48	4.18	34	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	1.47	14	3
GHATGHAR	1.40	14.59	125	0
<b>Total</b>	<b>2.42</b>	<b>30.02</b>		
<b>Wind</b>				
Total	14.99	446.77	0	0
<b>Total</b>	<b>14.99</b>	<b>446.77</b>		
<b>CPP</b>				
APML(Mus)	57.65	804.51	0	0
JSWEL(Mus)	27.69	441.21	0	0
VIPL(Mus)	11.58	111.03	0	0
RPLAMT(Mus)	17.15	274.18	0	0
WPCL(Mus)	3.75	56.23	0	0
Other(Mus)	2.21	32.06	0	0
<b>Total</b>	<b>120.03</b>	<b>1719.22</b>		
<b>SOLAR</b>				
Total	1.02	16.00	0	0
<b>Total</b>	<b>1.02</b>	<b>16.00</b>		
<b>Tata</b>				
Trombay 5	10.82	170.64	494	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.83	26.29	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.84	95.97	251	200
TATA Hydro	3.09	57.39	278	0
<b>Total</b>	<b>21.58</b>	<b>350.29</b>		
<b>R-INFRA</b>				
1-2	12.27	185.22	518	425
<b>Total</b>	<b>12.27</b>	<b>185.22</b>		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	83.36	1577.37
MSPGCL Thml+Gas	90.01	1683.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.89	119.26
MSPGCL Total	98.90	1802.27

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.20	66.63
State Total	268.79	4519.77

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 17/Aug/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	2939	189	277	3405	712	4958	0	4138	4274	-894	12455	34	12489	2054	14543	49.93
2	2923	314	277	3514	652	4883	0	3738	3925	-782	12192	24	12216	1885	14101	49.93
3	3004	194	278	3476	643	4930	0	3592	3643	-646	12046	24	12070	1800	13870	49.96
4	3051	214	277	3542	638	4904	0	3485	3529	-609	12004	24	12028	1750	13778	49.98
5	3166	229	277	3672	718	4858	0	3572	3467	-597	12118	24	12142	1748	13890	49.95
6	3356	214	279	3849	679	4753	0	3989	3941	-615	12607	24	12631	1854	14485	49.96
7	3438	166	278	3882	598	4953	4	4669	4738	-721	13454	24	13478	2034	15512	49.99
8	3563	69	279	3911	531	5127	21	4892	5293	-906	13977	24	14001	2220	16221	50.01
9	3630	404	277	4311	492	5095	47	4672	5407	-1162	14190	24	14214	2526	16740	49.98
10	3512	901	274	4687	400	5096	99	4939	5608	-1383	14507	24	14531	2881	17412	49.93
11	3474	883	281	4638	331	5210	125	5505	5636	-1494	14446	24	14470	2979	17449	49.96
12	3543	568	280	4391	296	5088	137	5511	6190	-1506	14596	24	14620	3059	17679	49.94
13	3576	603	280	4459	362	5194	129	5105	5631	-1434	14341	24	14365	3035	17400	49.94
14	3544	330	278	4152	533	4943	166	5228	5700	-1286	14208	22	14230	2924	17154	49.95
15	3481	464	280	4225	791	4788	100	5034	5356	-1344	13916	22	13938	2946	16884	49.89
16	3494	521	280	4295	688	4953	99	5166	5517	-1369	14183	22	14205	2961	17166	49.98
17	3429	446	274	4149	902	4921	49	4527	5001	-1356	13666	22	13688	2952	16640	49.98
18	3628	371	272	4271	832	4995	32	4024	3950	-1340	12740	22	12762	2896	15658	50.02
19	3699	210	270	4179	855	5029	7	4339	3886	-1306	12650	22	12672	2792	15464	49.94
20	3690	541	272	4503	810	5091	0	4474	4929	-1231	14102	22	14124	2785	16909	49.86
21	3743	451	274	4468	768	5173	0	4393	4261	-1117	13553	22	13575	2666	16241	49.94
22	3774	367	276	4417	686	5100	0	4294	4198	-1060	13341	22	13363	2515	15878	49.92
23	3802	179	276	4257	583	5016	0	4212	4459	-1068	13247	22	13269	2433	15702	49.93
24	3903	66	279	4248	490	4972	0	4130	4234	-963	12981	22	13003	2345	15348	49.98
<b>MUs</b>	<b>83.36</b>	<b>8.89</b>	<b>6.65</b>	<b>98.90</b>	<b>14.99</b>	<b>120.03</b>	<b>1.02</b>	<b>107.63</b>	<b>112.77</b>	<b>-26.19</b>	<b>321.52</b>	<b>0.56</b>	<b>322.08</b>	<b>60.04</b>	<b>382.12</b>	<b>49.95</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 17/Aug/2015**

Position as on 6.30 Hrs of 18/Aug/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>								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refueling work	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		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	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-4	135	01/08/2015	21.57		Continued.	Vibration problem in ID Fan	
IPP	Adani U-2	660	04/08/2015	00.03		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 5	200	13/08/2015	09.04		Continued.	water lodged at ht cooler booster pump	
MSPGCL	Koradi Unit-8	660	13/08/2015	10.13	17/08/2015	08.37	Coal mill problem	
MSPGCL	Bhusawal Unit 4	500	13/08/2015	19.30	17/08/2015	01.53	water wall leakage	

**State Load Despatch Center,Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 17/Aug/2015**

**Position as on 6.30 Hrs of 18/Aug/2015**

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	15/08/2015	15.57		Continued.	Generator abnormal sound	
MSPGCL	Khaparkheda Unit 4	210	16/08/2015	13.10		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 5	210	16/08/2015	21.50	17/08/2015	23.15	Economizer Tube Leakage.	
MSPGCL	Khaparkheda Unit 1	210	17/08/2015	03.21	17/08/2015	17.06	ID Fan Problem	
MSPGCL	Nasik Unit 3	210	17/08/2015	09.15	17/08/2015	11.15	Instrument Air Pressure Low.	
MSPGCL	Koradi Unit-8	660	17/08/2015	18.22	17/08/2015	22.32	Turbine Problem.	
MSPGCL	Koradi Unit-8	660	18/08/2015	02.10	18/08/2015	03.38	Boiler Tripped Temp.High.	
MSPGCL	Koradi Unit-8	660	18/08/2015	06.13		Continued.	Tripped.	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Aug/2015**

**Statement-VII**

Position as on 6.30 Hrs of 18/Aug/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>400 KV LINE Outages/Trippings</b>							
Kolhapur Mapusa II	InterState	16/08/2015	16.09	17/08/2015	07.50	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	16/08/2015	17.16	17/08/2015	07.52	HT	Over Voltage
Kolhapur Mapusa I	InterState	17/08/2015	16.38		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/08/2015	22.04		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	01/08/2015	12.04		Continued.	PO	Line Crossing work of 765KV A'bad-Solapur D/C By PGCIL(RFC @ 11.38 Hrs).
karad -kolhapur-I	IntraState	16/08/2015	16.03	17/08/2015	07.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/08/2015	16.34	17/08/2015	08.46	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/08/2015	17.13	17/08/2015	09.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/08/2015	17.19	17/08/2015	07.36	HT	Over Voltage
karad -kolhapur-II	IntraState	17/08/2015	16.24		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/08/2015	17.15		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/08/2015	18.39		Continued.	HT	Over Voltage
<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 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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 ( charged up to Loc No. 51/1 from Padghe end only )
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa-Salsette-IV	IntraState	16/08/2015	08.30	17/08/2015	00.36	EO	To attend Hot Spot
Apta - Talaja	IntraState	17/08/2015	10.05	17/08/2015	16.35	EO	Attending Hot Spot
GIS Bhandup - Borivali	IntraState	17/08/2015	13.07	17/08/2015	19.08	HT	To Avail Outage on Kalwa-Mulund.
Bableshtar- Bableshtar-I	IntraState	17/08/2015	17.26	17/08/2015	20.14	EO	Attending Oil Leakage from CT.
<b>220 KV ICT Outages/Trippings</b>							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	17/08/2015	09.52	17/08/2015	10.27	PO	To Attend CTR Problem.
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhan	IntraState	17/08/2015	11.28	17/08/2015	13.53	EO	Attending Hot Spot on LV CT & Replacement of LV CT Clamp.
220/132 Kv 200 Mva Bb Ict 2 @Chikhali	IntraState	17/08/2015	12.01	17/08/2015	18.14	PO	Attending Oil Leakage & Tan Delta Measurment of LV Side CT & Routine Bay Maint.Work.

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