

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 06/Jun/2017 TUESDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	156.156	929.010	1) Gujrat	-1.538	-6.101
2) Hydro	3.433	37.342	2) Madhya Pradesh	10.960	70.676
3) Gas	10.375	60.793	3) Chattisgarh	6.120	39.220
<b>Total MSPGCL</b>	<b>169.964</b>	<b>1027.145</b>	4) Maharashtra Net	103.863	657.539
B) 1) APLM	44.171	257.895	5) Goa (Amona)	-0.484	-2.728
2) JSWEL	15.885	95.296	<b>Total</b>	<b>118.921</b>	<b>758.606</b>
3) VIPL	5.530	37.027	a) Mumbai Schedule	30.780	177.755
4) RPL(AMT)	13.983	85.445	b) Mumbai Drawl	36.939	206.582
5) WPCL	4.090	16.224	c) MSEDCL Bilateral *	20.224	175.678
6) PGPL	0.000	0.000	Include PX	-0.071	63.617
7) Other IPP	3.679	19.639	d) Mumbai Bilateral *	30.780	177.627
C) 1) TPCL Thermal	14.551	91.370	Include PX	9.673	58.054
2) TPCL Hydro	5.399	24.185	Include Standby	0.000	0.128
3) TPCL Gas	4.376	26.006	<b>H) ENERGY CATERED (MUs)</b>		
4) R-INFRA Thermal	9.996	63.310	1) MSEDCL	366.144	2217.367
D) STATE			2) Mumbai Discoms	71.261	411.453
1) Thermal	268.041	1595.216	<b>TOTAL STATE</b>	<b>437.405</b>	<b>2628.820</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	8.832	61.527			
(A2+C2)					
3) Gas	14.751	86.799			
(A3+B6+C3)					
4) Wind	25.512	118.089			
6) SOLAR	1.348	8.583			
<b>TOTAL STATE</b>	<b>318.484</b>	<b>1870.214</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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6838	7107	6434	6174
MSPGCL Hydro	173	288	145	57
MSPGCL Gas	421	432	437	442
MSPGCL Total Generation	7432	7827	7016	6673
Central Sector Receipt	5536	5729	4277	4500
WIND	710	916	1911	546
CPP / IPP Thermal	3638	3805	3688	3550
CPP / IPP Gas	0	0	0	0
SOLAR	206	139	0	0
Exchange with Mumbai	-1665	-1619	-1604	-1289
<b>MSEDCL DEMAND MET</b>	<b>15857</b>	<b>16797</b>	<b>15288</b>	<b>13980</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	15857	16797	15288	13980
TPCL GENERATION	1378	1372	1029	698
R-INFRA GENERATION	436	499	388	388
<b>MUMBAI DEMAND</b>	<b>3479</b>	<b>3490</b>	<b>3021</b>	<b>2375</b>
STATE DEMAND MET	19336	20287	18309	16355
<b>STATE DEMAND</b>	<b>19336</b>	<b>20287</b>	<b>18309</b>	<b>16355</b>
Frequency (Hz)	49.96	49.95	49.93	49.94

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 07.01 Hrs	49.76 Hz at 00.18 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 06/Jun/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	3.49	12.20	155	140
Unit 8	7.83	46.64	341	320
Unit 9	10.49	55.38	462	372
Unit 10	9.44	47.30	465	300
<b>Total</b>	<b>31.24</b>	<b>161.51</b>		
<b>Bhusawal</b>				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	23.84	195	126
Unit 4	9.41	59.50	485	360
Unit 5	8.94	57.47	425	350
<b>Total</b>	<b>22.39</b>	<b>140.80</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	31.72	240	181
Unit 7	4.45	31.34	234	122
Unit 8	0.00	0.00	0	0
<b>Total</b>	<b>9.30</b>	<b>63.06</b>		
<b>Chandrapur</b>				
Unit 3	0.00	19.72	0	0
Unit 4	4.39	26.36	192	170
Unit 5	9.11	53.55	415	355
Unit 6	9.29	56.66	430	355
Unit 7	9.70	57.53	451	341
Unit 8	9.21	52.90	438	351
Unit 9	9.03	54.03	424	320
<b>Total</b>	<b>50.73</b>	<b>320.74</b>		
<b>Paras</b>				
Unit 3	4.92	28.62	226	190
Unit 4	4.80	28.54	225	182
<b>Total</b>	<b>9.72</b>	<b>57.16</b>		
<b>Khaparkheda</b>				
Unit 1	3.58	19.12	170	105
Unit 2	3.76	20.82	175	140
Unit 3	3.70	20.29	170	145
Unit 4	3.72	12.84	167	145
Unit 5	9.77	60.56	500	383
<b>Total</b>	<b>24.53</b>	<b>133.63</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	26.16	204	162
Unit 5	4.11	25.95	195	162
<b>Total</b>	<b>8.24</b>	<b>52.11</b>		
<b>Uran</b>				
All Units	10.38	60.79	443	418
<b>Total</b>	<b>10.38</b>	<b>60.79</b>		
<b>PGPL</b>				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>PENCH (MS)</b>				
Pench (MS)	0.05	0.26	14	0
<b>Total</b>	<b>0.05</b>	<b>0.26</b>		
<b>Koyna</b>				
Stage 1-2	1.46	16.21	215	40
Stage 4	0.00	3.37	0	0
Stage 3	0.13	4.91	80	0
<b>Total</b>	<b>1.59</b>	<b>24.49</b>		
<b>Hydro</b>				
KDPH	0.00	1.30	0	0
VTRNA	0.97	4.35	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	1.50	63	0
RNGR+BHTSA	0.26	0.72	11	10
BHANDARDRA	0.22	1.36	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.36	1	0
GHATGHAR	0.15	2.87	100	0
<b>Total</b>	<b>1.85</b>	<b>12.85</b>		
<b>Wind</b>				
Total	25.51	118.09	0	0
<b>Total</b>	<b>25.51</b>	<b>118.09</b>		
<b>CPP</b>				
APML(Mus)	44.17	257.90	0	0
JSWEL(Mus)	15.88	95.30	0	0
VIPL(Mus)	5.53	37.03	0	0
RPLAMT(Mus)	13.98	85.44	0	0
WPCL(Mus)	4.09	16.22	0	0
Other(Mus)	3.68	19.64	0	0
<b>Total</b>	<b>87.34</b>	<b>511.53</b>		
<b>SOLAR</b>				
Total	1.35	8.58	0	0
<b>Total</b>	<b>1.35</b>	<b>8.58</b>		
<b>Tata</b>				
Trombay 5	9.36	59.13	490	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	16.72	121	114
Trombay 7B	1.56	9.28	67	64
Trombay 8	5.19	32.24	246	201
TATA Hydro	5.40	24.18	459	0
<b>Total</b>	<b>24.33</b>	<b>141.56</b>		
<b>R-INFRA</b>				
DTPS U-1&2	10.00	63.31	507	387
<b>Total</b>	<b>10.00</b>	<b>63.31</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	156.16	929.01
MSPGCL Thml+Gas	166.53	989.80
MSPGCL Hydro	3.43	37.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	169.96	1027.14
Koyna 1,2 & 4 Total	1.46	19.58
State Total	318.48	1870.21

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 06/Jun/2017

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	6091	122	440	6653	1184	3653	0	0	4979	5216	-1688	15018	0	15018	2895	17913	49.90
2	6074	57	431	6562	932	3635	0	0	4873	5017	-1477	14669	0	14669	2619	17288	49.97
3	6205	52	441	6698	697	3622	0	0	4736	4710	-1407	14320	0	14320	2492	16812	50.00
4	6174	57	442	6673	546	3550	0	0	4719	4500	-1289	13980	0	13980	2375	16355	49.94
5	6154	52	443	6649	397	3549	0	0	4682	4789	-1237	14147	0	14147	2326	16473	49.97
6	6245	87	432	6764	377	3579	0	0	5004	4986	-1254	14452	0	14452	2340	16792	49.93
7	6527	91	443	7061	246	3565	0	7	4969	5139	-1209	14809	0	14809	2296	17105	49.99
8	6617	112	441	7170	271	3582	0	31	4984	5120	-1322	14852	0	14852	2448	17300	50.00
9	6640	142	440	7222	483	3574	0	69	5036	5273	-1327	15294	0	15294	2641	17935	50.01
10	6643	117	426	7186	801	3555	0	111	5190	5145	-1615	15183	0	15183	3100	18283	49.98
11	6576	169	424	7169	821	3577	0	166	5470	5451	-1714	15470	0	15470	3436	18906	49.96
12	6838	173	421	7432	710	3638	0	206	5764	5536	-1665	15857	0	15857	3479	19336	49.96
13	7105	115	423	7643	631	3682	0	203	5736	5440	-1602	15997	0	15997	3480	19477	49.92
14	7115	110	418	7643	661	3687	0	175	5686	5442	-1538	16070	0	16070	3422	19492	49.94
15	7107	288	432	7827	916	3805	0	139	5668	5729	-1619	16797	0	16797	3490	20287	49.95
16	7058	325	422	7805	1210	4048	0	117	5604	5006	-1718	16468	0	16468	3516	19984	49.95
17	6664	156	423	7243	1553	3688	0	86	5163	5245	-1668	16147	0	16147	3437	19584	49.98
18	6319	135	424	6878	1913	3521	0	33	4914	4417	-1666	15096	0	15096	3344	18440	49.97
19	6300	206	436	6942	1867	3516	0	5	4240	3977	-1541	14766	0	14766	3066	17832	49.99
20	6306	382	428	7116	1916	3583	0	0	4273	4102	-1637	15080	0	15080	3032	18112	49.97
21	6434	145	437	7016	1911	3688	0	0	4587	4277	-1604	15288	0	15288	3021	18309	49.93
22	6408	115	439	6962	1841	3684	0	0	4849	4444	-1607	15324	0	15324	2963	18287	50.03
23	6255	115	430	6800	1901	3684	0	0	4982	5061	-1760	15686	0	15686	2989	18675	49.99
24	6301	110	439	6850	1727	3673	0	0	5109	4899	-1775	15374	0	15374	3054	18428	49.95
<b>MUs</b>	<b>156.16</b>	<b>3.43</b>	<b>10.37</b>	<b>169.96</b>	<b>25.51</b>	<b>87.34</b>	<b>0.00</b>	<b>1.35</b>	<b>121.22</b>	<b>118.92</b>	<b>-36.94</b>	<b>366.14</b>	<b>0.00</b>	<b>366.14</b>	<b>71.26</b>	<b>437.41</b>	<b>49.97</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 06/Jun/2017**

Position as on 6.30 Hrs of 07/Jun/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	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
<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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
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)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	EARTH FAULT PROTECTION STAGE 1 OPERATED.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	to gas formation in g.t.	
MSPGCL	Parli Unit 8	250	31/05/2017	21.56		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
MSPGCL	Bhusawal Unit 3	210	05/06/2017	19.16	06/06/2017	00.10	DUE to bursting of bus-1 PT Y- phase.	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Jun/2017**

**Statement-VII**

Position as on 6.30 Hrs of 07/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>500 KV LINE Outages/Trippings</b>							
Chandrapur - Padghe Hvdc Pole 2	IntraState	06/06/2017	00.48	06/06/2017	5.49	PO	premonsoon maintance work.
<b>400 KV LINE Outages/Trippings</b>							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kv Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	02/06/2017	21.16		Continued.	T	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	02/06/2017	20.30	06/06/2017	17.02	HT	controlling 400kv padgha bableshwar line loading.
N.Koyna-Karad -Ckt I	IntraState	05/06/2017	10.34	06/06/2017	08.22	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	05/06/2017	20.08	06/06/2017	08.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/06/2017	21.06	06/06/2017	10.59	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	06/06/2017	09.20	06/06/2017	21.25	PO	Distance Relay replacement Work.
Main Bus I @ Akola	IntraState	06/06/2017	09.21	06/06/2017	18.47	PO	Routine Maintenance Work
N.Koyna-Karad -Ckt II	IntraState	06/06/2017	09.36	06/06/2017	18.45	PO	Insulator Replacement Work
Girwali-Solapur (Lamboti)	IntraState	06/06/2017	12.43	06/06/2017	18.49	EO	string Insulator Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	06/06/2017	18.53		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	Over Voltage
<b>400 KV ICT Outages/Trippings</b>							
400/220KV 500MVA ICT 2@koradi 2	IntraState	06/06/2017	10.38	06/06/2017	19.51	PO	application of rtv coating on 33kv delta formation.
<b>220 KV LINE Outages/Trippings</b>							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Mahalakshmi Amona	InterState	06/06/2017	13.01	06/06/2017	18.02	PO	la replacement.
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.
Kharghar-PGPL	IntraState	30/05/2017	13.14		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Kharghar - Tss Panvel	IntraState	30/05/2017	13.54		Continued.	PO	bunching of tss kharghar line kharghar pgpl -msl tap line and removing bunching at loc 656.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Sawantwadi-Bidri	IntraState	05/06/2017	17.25		Continued.	T	Distance Protection
Uran - Jnpt	IntraState	05/06/2017	5.23	06/06/2017	12.05	PO	shifting/height rising.
Pusad-Ghatodi	IntraState	06/06/2017	08.23	06/06/2017	16.37	T	in view of 220kv pusad-ghatodi ckt u/o
Pusad-Ghatodi	IntraState	06/06/2017	08.36	06/06/2017	16.28	PO	Tan Delta Measurment of CTs
Pophali - Kdph	IntraState	06/06/2017	09.20	06/06/2017	12.50	EO	Attending Oil Leakage
Badnera-Akola li	IntraState	06/06/2017	09.48	06/06/2017	14.31	PO	replacement of b-ph insulator strings.
Talandge(400kv)- Ichalkaranji 1	IntraState	06/06/2017	10.14	06/06/2017	16.01	PO	Quarterly Maintainance Work
Gadchandur - Virur-li	IntraState	06/06/2017	11.10	06/06/2017	16.35	PO	Disc Insulator Replacement Work
Kandalgaon - Koyna	IntraState	06/06/2017	14.05	06/06/2017	18.20	PO	Line Maintenance work
Pophli Pedhmbe Line- 2	IntraState	06/06/2017	14.22	06/06/2017	16.00	PO	Line Maintenance work
Shivajinagar - Malegaon	IntraState	06/06/2017	15.07	06/06/2017	18.33	PO	Line Maintenance work

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

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Jun/2017**

**Statement-VII**

Position as on 6.30 Hrs of 07/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Ghatodi	IntraState	06/06/2017	16.28		Continued.	T	to control line loading.
Pedambe-Nerle	IntraState	06/06/2017	17.47	06/06/2017	18.03	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)
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	05/06/2017	08.27		Continued.	PO	CTR recommissioning work.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	06/06/2017	09.34	06/06/2017	18.25	PO	Annual Maintenance Work
<b>132 KV LINE Outages/Trippings</b>							
Padegaon - Sawangi	IntraState	03/06/2017	19.35		Continued.	T	Distance Protection
Deepnagar- Muktainagar	IntraState	05/06/2017	19.16	06/06/2017	03.28	T	main bus IY PH PT burst.
Deepnagar (Gcr) - Supreme	IntraState	05/06/2017	19.16	06/06/2017	04.40	T	main bus IY PH PT burst.
132KV Main bus-1@Deepnagar	IntraState	05/06/2017	19.16	06/06/2017	03.12	T	main bus-I Y Phase PT burst.
Harangul-Jagruti sugar	IntraState	06/06/2017	08.28		Continued.	PO	attend line ground clearances at loc.
Paranda - Bhairavnath Cogeneration	IntraState	06/06/2017	11.00	06/06/2017	15.10	PO	Quarterly Maintainance Work
Waluj - Bajaj-I	IntraState	06/06/2017	13.15	06/06/2017	13.35	T	Isolator alignment.

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