

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 16/Feb/2018 FRIDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.494	1916.112	1) Gujrat	1.293	6.422
2) Hydro	12.953	166.692	2) Madhya Pradesh	15.297	277.869
3) Gas	9.829	129.918	3) Chattisgarh	6.560	123.060
<b>Total MSPGCL</b>	<b>149.276</b>	<b>2212.722</b>	4) Maharashtra Net	98.430	1625.463
B) 1) APLM	42.365	776.982	5) Goa (Amona)	-0.792	-11.066
2) JSWEL	18.863	278.226	<b>Total</b>	<b>120.788</b>	<b>2021.748</b>
3) VIPL	6.140	96.660	a) Mumbai Schedule	19.858	309.511
4) RPL(AMT)	22.381	354.197	b) Mumbai Drawl	23.127	353.218
5) WPCL	3.991	67.457	c) MSEDCL Bilateral *	16.649	323.472
6) PGPL	0.000	0.000	Include PX	-2.803	34.227
7) Other IPP	11.938	196.531	d) Mumbai Bilateral *	19.858	305.698
C) 1) TPCL Thermal	14.294	227.527	Include PX	6.416	108.917
2) TPCL Hydro	4.080	48.185	Include Standby	0.000	3.813
3) TPCL Gas	4.330	59.714	<b>H) ENERGY CATERED (MUs)</b>		
4) R-INFRA Thermal	10.349	132.774	1) MSEDCL	361.957	5804.344
D) STATE			2) Mumbai Discoms	56.180	821.427
1) Thermal	256.815	4046.466	<b>TOTAL STATE</b>	<b>418.137</b>	<b>6625.771</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	17.033	214.877			
(A2+C2)					
3) Gas	14.159	189.632			
(A3+B6+C3)					
4) Wind	5.808	101.533			
6) SOLAR	3.534	51.506			
<b>TOTAL STATE</b>	<b>297.349</b>	<b>4604.014</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	5245	5514	5187	4880
MSPGCL Hydro	1723	1176	522	117
MSPGCL Gas	388	404	404	421
MSPGCL Total Generation	7356	7094	6113	5418
Central Sector Receipt	5580	5678	5727	3703
WIND	153	82	243	485
CPP / IPP Thermal	4696	4692	4145	4030
CPP / IPP Gas	0	0	0	0
SOLAR	504	459	0	0
Exchange with Mumbai	-1234	-1248	-1210	-522
<b>MSEDCL DEMAND MET</b>	<b>17055</b>	<b>16757</b>	<b>15018</b>	<b>13114</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	17055	16757	15018	13114
TPCL GENERATION	1200	1182	1049	688
R-INFRA GENERATION	501	503	378	376
<b>MUMBAI DEMAND</b>	<b>2935</b>	<b>2933</b>	<b>2637</b>	<b>1586</b>
STATE DEMAND MET	19990	19690	17655	14700
<b>STATE DEMAND</b>	<b>19990</b>	<b>19690</b>	<b>17655</b>	<b>14700</b>
Frequency (Hz)	49.98	50.00	50.01	50.01

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.03 Hrs	49.78 Hz at 22.06 Hrs	49.98	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/Feb/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.86	184.25	585	460
Unit 9	0.00	0.00	0	0
Unit 10	13.18	189.48	661	274
<b>Total</b>	<b>26.03</b>	<b>373.73</b>		
<b>Bhusawal</b>				
Unit 3	0.00	45.95	0	0
Unit 4	10.07	161.22	500	350
Unit 5	10.02	161.68	500	350
<b>Total</b>	<b>20.10</b>	<b>368.85</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.16	82.17	250	186
Unit 7	0.00	0.00	0	0
Unit 8	5.23	80.50	253	187
<b>Total</b>	<b>10.39</b>	<b>162.67</b>		
<b>Chandrapur</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.65	108.19	455	425
Unit 6	0.00	0.00	0	0
Unit 7	10.52	157.44	447	417
Unit 8	0.00	92.81	0	0
Unit 9	11.33	170.49	488	453
<b>Total</b>	<b>32.50</b>	<b>528.93</b>		
<b>Paras</b>				
Unit 3	5.96	24.94	255	226
Unit 4	6.00	87.36	252	250
<b>Total</b>	<b>11.96</b>	<b>112.30</b>		
<b>Khaparkhedda</b>				
Unit 1	0.00	45.88	0	0
Unit 2	3.83	24.94	165	150
Unit 3	0.00	0.00	0	0
Unit 4	3.73	59.50	163	148
Unit 5	9.76	109.08	423	390
<b>Total</b>	<b>17.33</b>	<b>239.39</b>		
<b>Nasik</b>				
Unit 3	4.18	66.38	191	161
Unit 4	4.01	63.86	177	160
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>8.18</b>	<b>130.24</b>		
<b>Uran</b>				
All Units	9.83	129.92	424	382
<b>Total</b>	<b>9.83</b>	<b>129.92</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>		
<b>PENCH (MS)</b>				
Pench (MS)	0.08	1.39	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.08</b>	<b>1.39</b>		
<b>Koyna</b>				
Stage 1-2	2.97	40.51	475	40
Stage 4	4.01	36.15	745	0
Stage 3	1.60	17.01	160	0
<b>Total</b>	<b>8.58</b>	<b>93.67</b>		
<b>Hydro</b>				
KDPH	0.86	10.91	36	36
VTRNA	1.07	18.27	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.18	80	0
RNGR+BHTSA	0.30	5.57	13	12
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	12.92	28	27
GHATGHAR	1.26	16.46	125	0
<b>Total</b>	<b>4.37</b>	<b>73.02</b>		
<b>Wind</b>				
Total	5.81	101.53	0	0
<b>Total</b>	<b>5.81</b>	<b>101.53</b>		
<b>CPP</b>				
APML(Mus)	42.36	776.98	0	0
JSWEL(Mus)	18.86	278.23	0	0
VIPL(Mus)	6.14	96.66	0	0
RPLAMT(Mus)	22.38	354.20	0	0
WPCL(Mus)	3.99	67.46	0	0
Other(Mus)	11.94	196.53	0	0
<b>Total</b>	<b>105.68</b>	<b>1770.05</b>		
<b>SOLAR</b>				
Total	3.53	51.51	0	0
<b>Total</b>	<b>3.53</b>	<b>51.51</b>		
<b>Tata</b>				
Trombay 5	9.10	144.85	490	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	36.25	116	105
Trombay 7B	1.61	23.46	68	65
Trombay 8	5.20	82.68	241	199
TATA Hydro	4.08	48.18	361	0
<b>Total</b>	<b>22.70</b>	<b>335.43</b>		
<b>R-INFRA</b>				
DTPS U-1&2	10.35	132.77	505	374
<b>Total</b>	<b>10.35</b>	<b>132.77</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	126.49	1916.11
MSPGCL Thml+Gas	136.32	2046.03
MSPGCL Hydro	12.95	166.69

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	149.28	2212.72
Koyna 1,2 & 4 Total	6.98	76.66
State Total	297.35	4604.01

**State Load Despatch Center,Airoli (MSETCL)**  
**Hourly Load Data As on 16/Feb/2018**

**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	4895	242	419	5556	242	3968	0	0	4106	4409	-790	13385	0	13385	1867	15252	49.98
2	5018	117	419	5554	353	4143	0	0	3854	3815	-645	13220	0	13220	1721	14941	50.00
3	4962	117	421	5500	420	4176	0	0	3910	3705	-566	13235	0	13235	1639	14874	50.00
4	4880	117	421	5418	485	4030	0	0	3948	3703	-522	13114	0	13114	1586	14700	50.01
5	4965	117	421	5503	539	3974	0	0	4016	4009	-542	13483	0	13483	1599	15082	49.98
6	5205	117	422	5744	431	4175	0	0	4813	4832	-670	14512	0	14512	1727	16239	49.95
7	5569	760	412	6741	400	4552	0	3	5137	5148	-713	16131	0	16131	1929	18060	49.93
8	5608	1365	424	7397	385	4769	0	48	5118	5342	-666	17275	0	17275	2091	19366	49.98
9	5592	1316	421	7329	225	4862	0	184	4998	4900	-635	16865	0	16865	2347	19212	49.96
10	5305	986	406	6697	242	4824	0	344	5263	5548	-869	16786	0	16786	2634	19420	49.93
11	5222	1214	409	6845	213	4708	0	451	5637	5697	-1165	16749	0	16749	2840	19589	49.93
12	5245	1723	388	7356	153	4696	0	504	5668	5580	-1234	17055	0	17055	2935	19990	49.98
13	5514	1176	404	7094	82	4692	0	459	5662	5678	-1248	16757	0	16757	2933	19690	50.00
14	5648	585	394	6627	75	4712	0	499	5546	5746	-1164	16495	0	16495	2809	19304	50.06
15	5700	466	382	6548	96	4749	0	419	5555	5726	-1157	16381	0	16381	2830	19211	49.98
16	5692	461	404	6557	98	4740	0	340	5578	5626	-1172	16189	0	16189	2855	19044	49.95
17	5637	251	397	6285	114	4817	0	210	5589	5674	-1223	15877	0	15877	2812	18689	49.96
18	5393	177	398	5968	110	4500	0	71	5460	5329	-1368	14610	0	14610	2677	17287	50.00
19	5228	176	411	5815	182	4298	0	2	5254	5214	-1344	14167	0	14167	2662	16829	49.98
20	5187	522	404	6113	243	4145	0	0	5401	5727	-1210	15018	0	15018	2637	17655	50.01
21	5136	211	414	5761	256	4096	0	0	4945	5137	-1160	14090	0	14090	2490	16580	49.98
22	5054	181	404	5639	166	4025	0	0	4790	4954	-1089	13695	0	13695	2331	16026	49.97
23	4922	241	417	5580	146	4025	0	0	4548	4785	-1031	13505	0	13505	2185	15690	49.94
24	4917	315	417	5649	152	3999	0	0	4368	4504	-944	13360	0	13360	2044	15404	49.99
MUs	126.49	12.95	9.83	149.28	5.81	105.68	0.00	3.53	119.16	120.79	-23.13	361.96	0.00	361.96	56.18	418.14	49.98

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/Feb/2018**

Position as on 6.30 Hrs of 17/Feb/2018

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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Koyna Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
<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 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.	De-commissioned on dt. 01.04.2017	
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 16/Feb/2018**

Position as on 6.30 Hrs of 17/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage	
MSPGCL	Chandrapur Unit-8	500	11/02/2018	22.16		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound	
MSPGCL	Khaparkheda Unit 1	210	13/02/2018	15.52		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Feb/2018**

**Statement-VII**

Position as on 6.30 Hrs of 17/Feb/2018

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>							
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 I	InterState	15/02/2018	08.25		Continued.	PO	at Gujrat end.RFC 18.13 hrs.
Akola Wardha I	InterState	16/02/2018	11.25	16/02/2018	14.19	PO	Routine Maintenance Work
Dhule Khandwa II	InterState	16/02/2018	11.45	16/02/2018	22.43	PO	testing or r ph cvt.
Chakan Talegaon(Pg)	InterState	16/02/2018	15.39	16/02/2018	15.44	PO	due to sparking on tbc, to shift on main breaker.
Karad - Jaigad - II	IntraState	15/02/2018	18.05	16/02/2018	09.42	HT	Over Voltage
karad -kolhapur-II	IntraState	15/02/2018	18.07		Continued.	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/02/2018	18.21	16/02/2018	06.49	HT	Over Voltage
Taptitanda Waluj	IntraState	16/02/2018	12.22	16/02/2018	17.47	PO	auxiliary bus isolator problem.
Lonikand 1 - Chakan	IntraState	16/02/2018	12.34	16/02/2018	14.30	PO	emergency shifted on tbc due to sparking.
Karad-Jaigad - I	IntraState	16/02/2018	17.25		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/02/2018	17.51		Continued.	HT	Over Voltage
<b>400 KV ICT Outages/Trippings</b>							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	due to negative dga report.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	15/02/2018	14.28		Continued.	PO	overhauling work.
400/220KV 500MVA ICT-I @Nanded	IntraState	16/02/2018	09.43	16/02/2018	20.04	PO	Attending Oil Leakage
<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.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Nerul - Sonkhar	IntraState	11/02/2018	06.34		Continued.	PO	Reorientation work
Kharghar Trombay	IntraState	11/02/2018	07.38		Continued.	PO	Reorientation work
Karad - Vita Ckt- II	IntraState	15/02/2018	15.19	16/02/2018	11.04	T	Distance Protection
Wani-Warora	IntraState	16/02/2018	08.18	16/02/2018	12.00	PO	due to higher lcm values replacement of la.
Khadka-Chalisgaon-2	IntraState	16/02/2018	08.35	16/02/2018	19.01	PO	conductor re- stringing work due to low ground clearance.
TBC @ Chandrapur-I	IntraState	16/02/2018	08.37	16/02/2018	14.05	PO	diagnostic testing work.
Talandage(400kv) - Five Star Midc	IntraState	16/02/2018	09.11	16/02/2018	19.15	PO	ct Replacement work.
Butibori - Wardha	IntraState	16/02/2018	09.36	16/02/2018	17.39	PO	Line Maintenance work
Parly-Parly Extn-I	IntraState	16/02/2018	09.49	16/02/2018	12.35	PO	Tan Delta Measurement of CTs
Padghe - Wada	IntraState	16/02/2018	10.47	16/02/2018	17.41	PO	Testing Work
Uran - Ongc Uran	IntraState	16/02/2018	10.53	16/02/2018	17.32	PO	Testing Work
Kolhapur-Bidri	IntraState	16/02/2018	11.28	16/02/2018	17.39	PO	Quarterly Maintainance Work
Boisar-Viraj	IntraState	16/02/2018	11.31	16/02/2018	17.34	PO	Testing 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 16/Feb/2018**

**Statement-VII**

Position as on 6.30 Hrs of 17/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Vita - Miraj	IntraState	16/02/2018	12.23	16/02/2018	15.58	PO	Testing Work
Nashik-Airoli Knowledge Park	IntraState	16/02/2018	15.39	16/02/2018	15.44	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 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
<b>132 KV LINE Outages/Trippings</b>							
Amravati - Tiwasa	IntraState	16/02/2018	10.51	16/02/2018	11.01	T	Distance Protection