

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 09/Apr/2018 MONDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.292	1280.254	1) Gujrat	-3.959	-21.836
2) Hydro	13.434	157.639	2) Madhya Pradesh	21.334	167.148
3) Gas	10.603	88.040	3) Chattisgarh	7.960	60.390
<b>Total MSPGCL</b>	<b>161.329</b>	<b>1525.933</b>	4) Maharashtra Net	128.997	1147.234
B) 1) APLM	46.891	390.351	5) Goa (Amona)	-0.396	-4.664
2) JSWEL	18.863	170.735	<b>Total</b>	<b>153.936</b>	<b>1348.272</b>
3) VIPL	5.058	45.797	a) Mumbai Schedule	20.290	207.412
4) RPL(AMT)	24.711	199.253	b) Mumbai Drawl	29.534	245.717
5) WPCL	5.378	45.773	c) MSEDCL Bilateral *	34.724	343.371
6) PGPL	0.000	0.000	Include PX	4.804	73.945
7) Other IPP	11.749	117.891	d) Mumbai Bilateral *	20.290	207.412
C) 1) TPCL Thermal	15.019	138.867	Include PX	7.367	59.414
2) TPCL Hydro	5.153	37.436	Include Standby	0.000	0.000
3) TPCL Gas	4.069	34.412	<b>H) ENERGY CATERED (MUs)</b>		
4) R-INFRA Thermal	10.774	101.479	1) MSEDCL	411.508	3742.489
D) STATE			2) Mumbai Discoms	64.549	557.914
1) Thermal	275.735	2490.400	<b>TOTAL STATE</b>	<b>476.057</b>	<b>4300.403</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	18.587	195.075			
(A2+C2)					
3) Gas	14.672	122.452			
(A3+B6+C3)					
4) Wind	7.431	97.318			
6) SOLAR	5.696	46.883			
<b>TOTAL STATE</b>	<b>322.121</b>	<b>2952.128</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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5680	5881	5824	5398
MSPGCL Hydro	1322	1170	226	153
MSPGCL Gas	411	421	435	450
MSPGCL Total Generation	7413	7472	6485	6001
Central Sector Receipt	6927	7340	6500	5697
WIND	170	192	640	253
CPP / IPP Thermal	4817	4858	4728	4468
CPP / IPP Gas	0	0	0	0
SOLAR	800	436	0	0
Exchange with Mumbai	-1431	-1361	-1459	-902
<b>MSEDCL DEMAND MET</b>	<b>18696</b>	<b>18937</b>	<b>16894</b>	<b>15517</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	18696	18937	16894	15517
TPCL GENERATION	1301	1309	1041	716
R-INFRA GENERATION	496	498	417	375
<b>MUMBAI DEMAND</b>	<b>3228</b>	<b>3168</b>	<b>2917</b>	<b>1993</b>
STATE DEMAND MET	21924	22105	19811	17510
<b>STATE DEMAND</b>	<b>21924</b>	<b>22105</b>	<b>19811</b>	<b>17510</b>
Frequency (Hz)	49.97	49.98	49.98	49.96

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 07.04 Hrs	49.73 Hz at 22.35 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 09/Apr/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	9.07	82.08	401	350
Unit 9	9.69	83.41	452	351
Unit 10	9.72	83.52	452	350
<b>Total</b>	<b>28.48</b>	<b>249.02</b>		
<b>Bhusawal</b>				
Unit 3	4.42	40.50	200	155
Unit 4	11.22	102.22	495	350
Unit 5	11.38	103.64	500	360
<b>Total</b>	<b>27.03</b>	<b>246.36</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.37	50.88	245	200
Unit 7	4.09	49.37	241	0
Unit 8	4.98	44.81	224	191
<b>Total</b>	<b>14.44</b>	<b>145.06</b>		
<b>Chandrapur</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.37	11.84	470	314
Unit 6	0.00	0.00	0	0
Unit 7	10.70	95.48	455	434
Unit 8	0.00	70.66	0	0
Unit 9	10.79	89.37	478	428
<b>Total</b>	<b>31.86</b>	<b>267.36</b>		
<b>Paras</b>				
Unit 3	5.77	49.78	254	200
Unit 4	5.38	17.71	232	213
<b>Total</b>	<b>11.15</b>	<b>67.49</b>		
<b>Khaparkheda</b>				
Unit 1	3.92	24.90	170	155
Unit 2	4.67	40.36	200	180
Unit 3	0.56	22.72	110	0
Unit 4	4.92	43.50	208	200
Unit 5	1.73	93.72	500	0
<b>Total</b>	<b>15.80</b>	<b>225.20</b>		
<b>Nasik</b>				
Unit 3	4.32	39.77	198	161
Unit 4	0.00	0.32	0	0
Unit 5	4.22	39.69	195	163
<b>Total</b>	<b>8.54</b>	<b>79.77</b>		
<b>Uran</b>				
All Units	10.60	88.04	470	410
<b>Total</b>	<b>10.60</b>	<b>88.04</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)	0.00	1.50	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.00</b>	<b>1.50</b>		
<b>Koyna</b>				
Stage 1-2	4.90	40.56	465	40
Stage 4	2.66	54.28	422	0
Stage 3	1.37	20.63	160	0
<b>Total</b>	<b>8.92</b>	<b>115.47</b>		
<b>Hydro</b>				
KDPH	0.86	7.78	36	36
VTRNA	0.99	10.18	61	0
TILLARI	0.54	3.65	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	1.82	50	0
RNGR+BHTSA	0.28	2.49	12	11
BHANDARDRA	0.49	4.32	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	6.90	19	18
GHATGHAR	0.68	5.03	125	0
<b>Total</b>	<b>4.51</b>	<b>42.17</b>		
<b>Wind</b>				
Total	7.43	97.32	0	0
<b>Total</b>	<b>7.43</b>	<b>97.32</b>		
<b>CPP</b>				
APML(Mus)	46.89	390.35	0	0
JSWEL(Mus)	18.86	170.74	0	0
VIPL(Mus)	5.06	45.80	0	0
RPLAMT(Mus)	24.71	199.25	0	0
WPCL(Mus)	5.38	45.77	0	0
Other(Mus)	11.75	117.89	0	0
<b>Total</b>	<b>112.65</b>	<b>969.80</b>		
<b>SOLAR</b>				
Total	5.70	46.88	0	0
<b>Total</b>	<b>5.70</b>	<b>46.88</b>		
<b>Tata</b>				
Trombay 5	9.97	92.96	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	21.17	115	73
Trombay 7B	1.53	13.24	67	54
Trombay 8	5.05	45.91	218	200
TATA Hydro	5.15	37.44	433	72
<b>Total</b>	<b>24.24</b>	<b>210.72</b>		
<b>R-INFRA</b>				
DTPS U-1&2	10.77	101.48	499	375
<b>Total</b>	<b>10.77</b>	<b>101.48</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.29	1280.25	MSPGCL Total	161.33	1525.93
			MSPGCL Thml+Gas	147.90	1368.29	Koyna 1,2 & 4 Total	7.56	94.84
			MSPGCL Hydro	13.43	157.64	State Total	322.12	2952.13

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 09/Apr/2018

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	5734	186	467	6387	568	4409	0	0	6167	5702	-1369	15697	0	15697	2461	18158	49.98
2	5584	127	459	6170	445	4440	0	0	5823	5714	-1154	15615	0	15615	2247	17862	50.01
3	5608	127	459	6194	365	4447	0	0	5625	5589	-1002	15593	0	15593	2094	17687	49.97
4	5398	153	450	6001	253	4468	0	0	5591	5697	-902	15517	0	15517	1993	17510	49.96
5	5480	358	470	6308	248	4449	0	0	5834	5746	-832	15919	0	15919	1944	17863	49.99
6	5575	203	459	6237	153	4450	0	0	6046	6223	-836	16227	0	16227	2013	18240	49.99
7	5596	425	463	6484	151	4846	0	16	6658	6616	-700	17413	0	17413	2100	19513	50.03
8	5620	543	451	6614	104	4696	0	157	6575	6823	-792	17602	0	17602	2238	19840	50.07
9	5685	506	463	6654	114	4599	0	380	6342	6405	-1033	17119	0	17119	2543	19662	50.00
10	5815	407	437	6659	131	4787	0	580	6426	6498	-1243	17412	0	17412	2897	20309	49.96
11	5811	623	428	6862	141	4698	0	731	6611	6600	-1442	17590	0	17590	3157	20747	49.98
12	5680	1322	411	7413	170	4817	0	800	6855	6927	-1431	18696	0	18696	3228	21924	49.97
13	5757	1275	415	7447	137	4888	0	794	7114	6867	-1453	18680	0	18680	3208	21888	49.97
14	5791	1112	417	7320	279	4746	0	760	7144	7242	-1374	18973	0	18973	3094	22067	49.93
15	5880	727	410	7017	255	4779	0	643	7229	7302	-1332	18664	0	18664	3143	21807	49.94
16	5881	1170	421	7472	192	4858	0	436	7270	7340	-1361	18937	0	18937	3168	22105	49.98
17	5847	1265	426	7538	274	4867	0	289	7173	7053	-1378	18643	0	18643	3153	21796	50.00
18	5783	1125	439	7347	270	4800	0	102	6558	6525	-1258	17786	0	17786	3028	20814	49.96
19	5868	235	433	6536	380	4731	0	8	6475	6184	-1307	16532	0	16532	2903	19435	50.00
20	5824	226	435	6485	640	4728	0	0	6304	6500	-1459	16894	0	16894	2917	19811	49.98
21	5862	226	447	6535	682	4746	0	0	6249	6145	-1525	16583	0	16583	2791	19374	49.97
22	5831	191	439	6461	664	4774	0	0	6024	5993	-1549	16343	0	16343	2757	19100	49.92
23	5712	321	460	6493	465	4784	0	0	6083	6286	-1441	16587	0	16587	2723	19310	49.86
24	5670	581	444	6695	350	4838	0	0	6037	5959	-1361	16481	0	16481	2749	19230	49.96
<b>MUs</b>	<b>137.29</b>	<b>13.43</b>	<b>10.60</b>	<b>161.33</b>	<b>7.43</b>	<b>112.65</b>	<b>0.00</b>	<b>5.70</b>	<b>154.21</b>	<b>153.94</b>	<b>-29.53</b>	<b>411.51</b>	<b>0.00</b>	<b>411.51</b>	<b>64.55</b>	<b>476.06</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 09/Apr/2018**

Position as on 6.30 Hrs of 10/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>FORCED OUTAGE</b>								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		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	
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, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	
MSPGCL	Khaparkheda Unit 3	210	06/04/2018	01.43	09/04/2018	17.29	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	07/04/2018	20.39		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	09/04/2018	03.45		Continued.	Boiler validity work	
MSPGCL	Parli Unit 7	250	09/04/2018	10.35	09/04/2018	12.15	Furnace Pressure High	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 09/Apr/2018**

**Statement-VII**

Position as on 6.30 Hrs of 10/Apr/2018

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 1	IntraState	09/04/2018	06.29	09/04/2018	07.31	T	REDUCE VOLTAGE.
<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	08/04/2018	17.48	09/04/2018	09.49	HT	Over Voltage
Dabhol Nagothane II	InterState	09/04/2018	07.56	09/04/2018	21.21	PO	COLD LINE INSULATOR WASHING.
Dhule Sar'Sarovar I	InterState	09/04/2018	10.00	09/04/2018	13.10	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/04/2018	17.45		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/04/2018	19.12	09/04/2018	06.23	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	08/04/2018	20.07	09/04/2018	09.06	T	Distance Protection
Babhaleshwar - Bhusawal II	IntraState	09/04/2018	09.19	09/04/2018	19.11	PO	ISOLATOR MAINTENANCE WORK.
Koradi-Bhusawal	IntraState	09/04/2018	15.38	09/04/2018	17.16	T	Distance Protection
<b>400 KV ICT Outages/Trippings</b>							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	08/04/2018	18.38	09/04/2018	12.32	PO	Oil Filtration work
<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.
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)
Miraj-Ichalkaranji I	IntraState	08/04/2018	17.17	09/04/2018	12.44	HT	for load controlling on kolhapur ict.
Pedambe-Pophali	IntraState	09/04/2018	07.35	09/04/2018	11.15	PO	Annual Maintenance Work
Bableswhar Ahamadnagar-li	IntraState	09/04/2018	13.12	09/04/2018	15.01	T	Distance Protection
Karad - Vita Ckt- II	IntraState	09/04/2018	17.10	09/04/2018	17.40	T	Distance Protection
Karad - Vita Ckt- I	IntraState	09/04/2018	17.10	09/04/2018	17.46	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(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)

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