

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 01/Aug/2019 THURSDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	68.159	68.159	1) Gujrat	-2.387	-2.387
2) Hydro	7.745	7.745	2) Madhya Pradesh	10.210	10.210
3) Gas	9.127	9.127	3) Chattisgarh	3.140	3.140
<b>Total MSPGCL</b>	<b>85.031</b>	<b>85.031</b>	4) Maharashtra	87.516	87.516
B) 1) APLM	66.164	66.164	5) Goa (Amona)	-0.748	-0.748
2) JSWEL	23.333	23.333	<b>Total</b>	<b>97.731</b>	<b>97.731</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.695	21.695
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.957	28.957
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.436	9.436
6) Other IPP	2.823	2.823	Include PX	-5.818	-5.818
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.695	21.695
C) 1) TPCL Thermal	12.823	12.823	Include PX	5.295	5.295
2) TPCL Hydro	4.536	4.536	Standby	0.000	0.000
3) TPCL Gas	3.728	3.728	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	9.681	9.681	1) MSEDCL	311.542	311.542
D) STATE			2) Mumbai Discoms	59.725	59.725
1) Thermal	182.983	182.983	<b>TOTAL STATE</b>	<b>371.267</b>	<b>371.267</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	12.281	12.281			
(A2+C2)					
3) Gas	12.855	12.855			
(A3+B7+C3)					
4) Wind	62.407	62.407			
6) SOLAR	3.010	3.010			
<b>TOTAL STATE</b>	<b>273.536</b>	<b>273.536</b>			

\* Displayed for information, not added in total.

**DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II**

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3025	2839	3094	2593
MSPGCL Hydro	323	186	1034	146
MSPGCL Gas	381	370	380	390
MSPGCL Total Generation	3729	3395	4508	3129
Central Sector Receipt	4816	4387	4515	3084
WIND	2501	2724	2273	2572
CPP / IPP Thermal	4308	3428	4269	3478
CPP / IPP Gas	0	0	0	0
SOLAR	310	408	0	0
Exchange with Mumbai	-1383	-1678	-1158	-712
<b>MSEDCL DEMAND MET</b>	<b>14281</b>	<b>12664</b>	<b>14407</b>	<b>11551</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	14281	12664	14407	11551
TPCL GENERATION	1058	983	1087	663
AEML GENERATION	440	374	493	374
<b>MUMBAI DEMAND</b>	<b>2881</b>	<b>3035</b>	<b>2738</b>	<b>1749</b>
STATE DEMAND MET	17162	15699	17145	13300
<b>STATE DEMAND</b>	<b>17162</b>	<b>15699</b>	<b>17145</b>	<b>13300</b>
Frequency (Hz)	49.98	50.03	49.90	50.02

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13:02 Hrs	49.67 Hz at 20:41 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 01/Aug/2019

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	0.00	0.00	0	0
Unit 9	0.00	0.00	0	0
Unit 10	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	9.70	9.70	500	350
Unit 5	9.62	9.62	490	355
<b>Total</b>	<b>19.32</b>	<b>19.32</b>		
<b>Parli</b>				
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
Unit 8	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Chandrapur</b>				
Unit 3	0.00	0.00	0	0
Unit 4	2.52	2.52	120	86
Unit 5	0.00	0.00	0	0
Unit 6	7.13	7.13	345	215
Unit 7	0.00	0.00	0	0
Unit 8	5.26	5.26	310	140
Unit 9	6.50	6.50	324	228
<b>Total</b>	<b>21.41</b>	<b>21.41</b>		
<b>Paras</b>				
Unit 3	4.55	4.55	250	138
Unit 4	3.79	3.79	170	130
<b>Total</b>	<b>8.34</b>	<b>8.34</b>		
<b>Khaparkheda</b>				
Unit 1	1.28	1.28	95	0
Unit 2	2.34	2.34	140	5
Unit 3	3.10	3.10	143	110
Unit 4	0.00	0.00	0	0
Unit 5	6.92	6.92	335	233
<b>Total</b>	<b>13.63</b>	<b>13.63</b>		
<b>Nasik</b>				
Unit 3	2.67	2.67	145	63
Unit 4	0.70	0.70	158	0
Unit 5	2.09	2.09	132	0
<b>Total</b>	<b>5.46</b>	<b>5.46</b>		
<b>Uran</b>				
All Units	9.13	9.13	392	368
<b>Total</b>	<b>9.13</b>	<b>9.13</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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Koyna</b>				
Stage 1-2	2.55	2.55	515	40
Stage 4	0.32	0.32	180	0
Stage 3	2.08	2.08	160	0
<b>Total</b>	<b>4.96</b>	<b>4.96</b>		
<b>Hydro</b>				
KDPH	0.29	0.29	27	0
VTRNA	0.00	0.00	0	0
TILLARI	0.66	0.66	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	0.44	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	0.35	22	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	0.48	25	16
GHATGHAR	0.57	0.57	245	0
<b>Total</b>	<b>2.79</b>	<b>2.79</b>		
<b>Wind</b>				
Total	62.41	62.41	0	0
<b>Total</b>	<b>62.41</b>	<b>62.41</b>		
<b>CPP</b>				
APML(Mus)	66.16	66.16	0	0
JSWEL(Mus)	23.33	23.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.82	2.82	0	0
<b>Total</b>	<b>92.32</b>	<b>92.32</b>		
<b>SOLAR</b>				
Total	3.01	3.01	0	0
<b>Total</b>	<b>3.01</b>	<b>3.01</b>		
<b>Tata</b>				
Trombay 5	8.05	8.05	465	281
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	2.28	117	61
Trombay 7B	1.44	1.44	67	50
Trombay 8	4.78	4.78	215	192
TATA Hydro	4.54	4.54	390	38
<b>Total</b>	<b>21.09</b>	<b>21.09</b>		
<b>AEML</b>				
DTPS U-1&2	9.68	9.68	500	373
<b>Total</b>	<b>9.68</b>	<b>9.68</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	68.16	68.16
MSPGCL Thml+Gas	77.29	77.29
MSPGCL Hydro	7.74	7.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	85.03	85.03
Koyna 1,2 & 4 Total	2.87	2.87
State Total	273.54	273.54

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 01/Aug/2019

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	2739	141	381	3261	2586	4259	0	0	3093	2884	-1024	11966	0	11966	2084	14050	49.99
2	2616	136	382	3134	2414	3698	0	0	3122	3263	-894	11615	0	11615	1921	13536	50.00
3	2567	141	374	3082	2470	3511	0	0	3012	3260	-775	11548	0	11548	1814	13362	50.03
4	2593	146	390	3129	2572	3478	0	0	2954	3084	-712	11551	0	11551	1749	13300	50.02
5	2540	140	375	3055	2431	3504	0	0	3335	3379	-707	11662	0	11662	1744	13406	50.01
6	2558	313	382	3253	2495	3610	0	0	4022	4005	-811	12552	0	12552	1856	14408	49.96
7	2802	750	380	3932	2474	4151	0	21	4363	4224	-769	14033	0	14033	2030	16063	49.89
8	2869	487	371	3727	2562	4393	0	105	4721	4757	-879	14665	0	14665	2254	16919	50.02
9	2981	277	392	3650	2560	4334	0	208	4686	4847	-1264	14335	0	14335	2566	16901	50.01
10	3025	323	381	3729	2501	4308	0	310	4649	4816	-1383	14281	0	14281	2881	17162	49.98
11	2915	283	371	3569	2567	4232	0	394	4750	4579	-1579	13762	0	13762	3039	16801	49.99
12	2859	293	382	3534	2736	3665	0	362	4761	4631	-1665	13263	0	13263	3073	16336	50.05
13	2839	186	370	3395	2724	3428	0	408	4495	4387	-1678	12664	0	12664	3035	15699	50.03
14	2844	192	387	3423	2894	3377	0	341	4257	4256	-1671	12620	0	12620	2940	15560	50.05
15	2959	202	380	3541	2931	3401	0	357	4309	4074	-1623	12681	0	12681	2912	15593	50.05
16	2946	214	368	3528	2931	3313	0	253	4109	4198	-1615	12608	0	12608	2942	15550	49.96
17	2899	331	380	3610	2776	3319	0	161	4176	4286	-1574	12578	0	12578	2898	15476	50.00
18	2850	275	383	3508	2598	3438	0	77	4541	4613	-1554	12680	0	12680	2842	15522	50.01
19	2924	518	383	3825	2272	3816	0	13	4664	4767	-1453	13240	0	13240	2763	16003	49.97
20	3094	1034	380	4508	2273	4269	0	0	4550	4515	-1158	14407	0	14407	2738	17145	49.90
21	3053	509	380	3942	2541	4276	0	0	4366	4215	-938	14036	0	14036	2601	16637	49.90
22	3081	346	384	3811	2468	4200	0	0	4035	3992	-845	13626	0	13626	2459	16085	49.93
23	2897	256	385	3538	2803	4217	0	0	3590	3560	-1207	12911	0	12911	2344	15255	49.94
24	2709	252	386	3347	2828	4123	0	0	3233	3139	-1179	12258	0	12258	2240	14498	49.99
<b>MUs</b>	<b>68.16</b>	<b>7.75</b>	<b>9.13</b>	<b>85.03</b>	<b>62.41</b>	<b>92.32</b>	<b>0.00</b>	<b>3.01</b>	<b>97.79</b>	<b>97.73</b>	<b>-28.96</b>	<b>311.54</b>	<b>0.00</b>	<b>311.54</b>	<b>59.73</b>	<b>371.27</b>	<b>49.99</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 01/Aug/2019**

Position as on 6.30 Hrs of 02/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyna Unit 12	80	16/07/2019	09.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 4	210	17/07/2019	21.44		Continued.	Annual Overhaul	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019 for 60Days)	
MSPGCL	Koradi Unit 9	660	19/07/2019	17.35		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
<b>FORCED OUTAGE</b>								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Coal Shortage	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Bhusawal Unit 3	210	28/06/2019	18.35		Continued.	Zero schedule.	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-1	270	25/07/2019	08.00		Continued.	Zero schedule.	
IPP	RPL(AMT) U-3	270	25/07/2019	18.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit-8	660	26/07/2019	00.15		Continued.	Air heater problem	
IPP	RPL(AMT) U-4	270	26/07/2019	01.09		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/07/2019	20.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 6	210	27/07/2019	15.32		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/07/2019	15:47		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 3	210	30/07/2019	08.05		Continued.	Zero Schedule.	

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 01/Aug/2019**

Position as on 6.30 Hrs of 02/Aug/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 10	660	30/07/2019	23.37		Continued.	ZERO SCHEDULE.	
MSPGCL	Chandrapur Unit 5	500	31/07/2019	02.59	02/08/2019	01.30	ZERO SCHEDULE.	
MSPGCL	Khaparkheda Unit 1	210	01/08/2019	01.43	01/08/2019	07.38	Temperature High before EHP	
MSPGCL	Khaparkheda Unit 2	210	01/08/2019	04.01	01/08/2019	05.54	Flame Failure	
MSPGCL	Nasik Unit 4	210	01/08/2019	05.30		Continued.	Wet Coal(Converted into Zero Schedule from 16.00Hrs)	
MSPGCL	Nasik Unit 5	210	01/08/2019	22.45		Continued.	Wet, Sticky & Poor Quality coal	
MSPGCL	Paras Unit 3	250	02/08/2019	03.28		Continued.	CHP coal feeding problem	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 01/Aug/2019**

**Statement-VII**

Position as on 6.30 Hrs of 02/Aug/2019

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 II	InterState	26/07/2019	19.03		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	13/07/2019	10.48		Continued.	PO	MMRDA Work Tower Height Raising Work At Location 1142/1142.
Khadka-Aurangabad (Waluj)	IntraState	22/07/2019	18.20		Continued.	T	Over Voltage
Dhule- Bableshwar - I	IntraState	25/07/2019	21.47		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	30/07/2019	23.38		Continued.	T	Over Voltage
Karad - Jaigad - II	IntraState	31/07/2019	21.46		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/08/2019	00.03	01/08/2019	09.46	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	01/08/2019	02.48		Continued.	T	Over Voltage
<b>400 KV ICT Outages/Trippings</b>							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	01/08/2019	11.11	01/08/2019	13.38	PO	To attend Fire Detector Trip Indication on CTR Y phase
<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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Karad-Nerle	IntraState	31/07/2019	15.57		Continued.	T	Tripped at Nerle end only
Pophali - Nerale	IntraState	31/07/2019	15.57		Continued.	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	31/07/2019	22.54	01/08/2019	05.41	PO	Metro work
Lonikand-II- Kathapur	IntraState	01/08/2019	10.11	01/08/2019	16.35	PO	Routine Maintenance Work
Talandge-Hamidwada	IntraState	01/08/2019	11.17	01/08/2019	13.12	PO	Testing Work
Nerul-Trombay	IntraState	01/08/2019	17.23	01/08/2019	18.23	PO	Plastic object observed on Line
REL Borivali Aarey Line	IntraState	01/08/2019	23.10		Continued.	HT	Safety purpose for Metro work
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	01/08/2019	23.13		Continued.	HT	Over Voltage
Boisar(M) - Ghodbunder	IntraState	02/08/2019	06.41		Continued.	T	Distance Protection
<b>220 KV ICT Outages/Trippings</b>							
220/132KV 100MVA -1@Alephata	IntraState	01/08/2019	10.04	01/08/2019	13.31	PO	Testing Work
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	01/08/2019	12.14	01/08/2019	13.47	PO	Oil Top Up work
220/132kv 100MVA ICT-II @Alephata	IntraState	01/08/2019	15.38	01/08/2019	21.43	PO	Testing Work

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