

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 05/Dec/2020 SATURDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.523	678.684	1) Gujrat	1.587	11.643
2) Hydro	6.185	47.658	2) Madhya Pradesh	4.909	35.712
3) Gas	6.790	33.659	3) Chattisgarh	5.360	31.990
<b>Total MSPGCL</b>	<b>151.498</b>	<b>760.001</b>	4) Maharashtra	132.977	672.140
B) 1) APLM	69.131	350.446	5) Goa (Amona)	-1.669	-7.847
2) JSWEL	18.794	96.182	<b>Total</b>	<b>143.164</b>	<b>743.638</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.300	80.603
4) RPL(AMT)	4.826	18.752	b) Mumbai Drawl	21.305	115.388
5) WPCL	5.888	34.978	c) MSEDCL Bilateral *	32.573	152.966
6) Other IPP	17.126	85.362	Include PX	4.064	35.051
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.300	79.626
C) 1) TPCL Thermal	12.842	69.175	Include PX	10.911	47.319
2) TPCL Hydro	2.402	14.997	Standby	0.000	0.978
3) TPCL Gas	4.165	17.103	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	8.850	47.553	1) MSEDCL	406.743	2063.099
D) STATE			2) Mumbai Discoms	49.564	264.217
1) Thermal	275.980	1381.132	<b>TOTAL STATE</b>	<b>456.307</b>	<b>2327.316</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	8.587	62.655			
(A2+C2)					
3) Gas	10.955	50.762			
(A3+B7+C3)					
4) Wind	10.308	54.234			
6) SOLAR	7.313	34.894			
<b>TOTAL STATE</b>	<b>313.143</b>	<b>1583.677</b>			

\* Displayed for information, not added in total.

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

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6101	6137	5997	5002
MSPGCL Hydro	718	191	438	70
MSPGCL Gas	278	266	279	294
MSPGCL Total Generation	7097	6594	6714	5366
Central Sector Receipt	7599	6950	5756	4942
WIND	286	351	407	563
CPP / IPP Thermal	5390	5315	5265	4163
CPP / IPP Gas	0	0	0	0
SOLAR	934	1052	2	0
Exchange with Mumbai	-818	-943	-1287	-686
<b>MSEDCL DEMAND MET</b>	<b>20488</b>	<b>19319</b>	<b>16857</b>	<b>14348</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	20488	19319	16857	14348
TPCL GENERATION	1057	1000	817	601
AEML GENERATION	500	495	284	281
<b>MUMBAI DEMAND</b>	<b>2375</b>	<b>2438</b>	<b>2388</b>	<b>1568</b>
STATE DEMAND MET	22863	21757	19245	15916
<b>STATE DEMAND</b>	<b>22863</b>	<b>21757</b>	<b>19245</b>	<b>15916</b>
Frequency (Hz)	50.03	50.03	49.93	50.01

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
49.79 Hz at 09.11 Hrs	50.16 Hz at 14.04 Hrs	50	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 05/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	3.42	14.12	180	125
Unit 7	2.96	9.15	131	94
Unit 8	13.24	66.30	591	403
Unit 9	0.00	32.54	0	0
Unit 10	0.00	0.00	0	0
<b>Total</b>	<b>19.62</b>	<b>122.12</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	10.35	54.76	485	280
Unit 5	10.53	53.86	495	280
<b>Total</b>	<b>20.88</b>	<b>108.62</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	25.12	250	174
Unit 7	5.05	25.58	241	176
Unit 8	5.37	27.07	250	200
<b>Total</b>	<b>15.53</b>	<b>77.77</b>		
<b>Chandrapur</b>				
Unit 3	3.72	19.13	176	123
Unit 4	3.66	18.47	165	134
Unit 5	8.98	46.04	420	275
Unit 6	8.63	45.25	405	269
Unit 7	0.00	0.00	0	0
Unit 8	11.14	56.32	485	371
Unit 9	11.26	26.25	492	369
<b>Total</b>	<b>47.39</b>	<b>211.45</b>		
<b>Paras</b>				
Unit 3	5.22	26.67	246	184
Unit 4	5.48	25.78	250	189
<b>Total</b>	<b>10.70</b>	<b>52.45</b>		
<b>Khaparkheda</b>				
Unit 1	3.67	18.85	170	140
Unit 2	3.86	19.36	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.13	21.38	192	140
Unit 5	9.59	34.58	405	387
<b>Total</b>	<b>21.26</b>	<b>94.18</b>		
<b>Nasik</b>				
Unit 3	0.00	7.70	0	0
Unit 4	3.14	4.40	140	127
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>3.14</b>	<b>12.11</b>		
<b>Uran</b>				
All Units	6.79	33.66	304	265
<b>Total</b>	<b>6.79</b>	<b>33.66</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)	0.34	0.42	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.34</b>	<b>0.42</b>		
<b>Koyna</b>				
Stage 1-2	2.98	17.79	500	40
Stage 4	1.11	13.91	300	0
Stage 3	0.51	6.53	80	0
<b>Total</b>	<b>4.60</b>	<b>38.23</b>		
<b>Hydro</b>				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.76	40	0
RNGR+BHTSA	0.35	1.76	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	1.58	15	14
GHATGHAR	0.72	5.33	125	0
<b>Total</b>	<b>1.59</b>	<b>9.42</b>		
<b>Wind</b>				
Total	10.31	54.23	0	0
<b>Total</b>	<b>10.31</b>	<b>54.23</b>		
<b>CPP</b>				
APML(Mus)	69.13	350.45	0	0
JSWEL(Mus)	18.79	96.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.83	18.75	0	0
WPCL(Mus)	5.89	34.98	0	0
Other(Mus)	17.13	85.36	0	0
<b>Total</b>	<b>115.76</b>	<b>585.72</b>		
<b>SOLAR</b>				
Total	7.31	34.89	0	0
<b>Total</b>	<b>7.31</b>	<b>34.89</b>		
<b>Tata</b>				
Trombay 5	8.44	45.57	459	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.62	10.30	117	69
Trombay 7B	1.54	6.80	68	51
Trombay 8	4.40	23.60	234	137
TATA Hydro	2.40	15.00	234	0
<b>Total</b>	<b>19.41</b>	<b>101.28</b>		
<b>AEML</b>				
DTPS U-1&2	8.85	47.55	500	281
<b>Total</b>	<b>8.85</b>	<b>47.55</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.52	678.68
MSPGCL Thml+Gas	145.31	712.34
MSPGCL Hydro	6.18	47.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	151.50	760.00
Koyna 1,2 & 4 Total	4.09	31.70
State Total	313.14	1583.68

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 05/Dec/2020

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	5447	85	293	5825	681	4189	0	0	5212	5026	-952	14769	0	14769	1837	16606	50.00
2	5335	70	293	5698	688	4183	0	0	5093	4968	-839	14698	0	14698	1723	16421	50.01
3	5014	75	294	5383	613	4184	0	0	5016	4869	-747	14302	0	14302	1631	15933	50.00
4	5002	70	294	5366	563	4163	0	0	5054	4942	-686	14348	0	14348	1568	15916	50.01
5	5189	80	293	5562	483	4157	0	0	5159	5747	-683	15266	0	15266	1567	16833	50.00
6	5814	75	304	6193	489	4238	0	0	5763	6007	-736	16191	0	16191	1621	17812	49.97
7	6116	80	294	6490	430	4730	0	11	6092	5928	-480	17110	0	17110	1688	18798	50.01
8	6052	269	294	6615	298	5343	0	154	6045	6248	-382	18276	0	18276	1779	20055	49.98
9	6133	916	293	7342	291	5367	0	491	6082	6085	-479	19097	0	19097	1955	21052	49.97
10	6143	649	281	7073	265	5363	0	781	6493	6440	-684	19238	0	19238	2188	21426	49.95
11	6101	718	278	7097	286	5390	0	934	7001	7599	-818	20488	0	20488	2375	22863	50.03
12	6124	429	267	6820	287	5379	0	1062	7290	6794	-927	19415	0	19415	2438	21853	50.05
13	6137	191	266	6594	351	5315	0	1052	7229	6950	-943	19319	0	19319	2438	21757	50.03
14	6053	149	265	6467	285	5012	0	1005	7365	7359	-1135	18993	0	18993	2322	21315	50.04
15	6072	224	266	6562	275	5019	0	888	7389	7568	-1213	19099	0	19099	2331	21430	50.03
16	6115	449	276	6840	193	5189	0	608	7139	6778	-941	18667	0	18667	2362	21029	50.02
17	6071	373	267	6711	204	5371	0	283	6485	6194	-887	17876	0	17876	2353	20229	50.02
18	6122	221	268	6611	301	5349	0	42	5938	5880	-853	17330	0	17330	2330	19660	50.00
19	5997	438	279	6714	407	5265	0	2	5910	5756	-1287	16857	0	16857	2388	19245	49.93
20	6125	157	290	6572	453	5187	0	0	5812	5336	-1224	16324	0	16324	2347	18671	49.97
21	5624	68	281	5973	439	4758	0	0	5514	5136	-1177	15129	0	15129	2258	17387	50.02
22	5510	183	280	5973	442	4241	0	0	5401	5432	-1111	14977	0	14977	2121	17098	50.02
23	5495	83	292	5870	683	4186	0	0	5397	4883	-1078	14544	0	14544	2012	16556	49.99
24	4732	133	282	5147	901	4186	0	0	5398	5239	-1043	14430	0	14430	1932	16362	49.95
<b>MUs</b>	<b>138.52</b>	<b>6.19</b>	<b>6.79</b>	<b>151.50</b>	<b>10.31</b>	<b>115.76</b>	<b>0.00</b>	<b>7.31</b>	<b>145.28</b>	<b>143.16</b>	<b>-21.30</b>	<b>406.74</b>	<b>0.00</b>	<b>406.74</b>	<b>49.56</b>	<b>456.31</b>	<b>50.00</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 05/Dec/2020**

Position as on 6.30 Hrs of 06/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyana STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
<b>FORCED OUTAGE</b>								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	SWPGL U-2	135	03/12/2020	23.40	06/12/2020	19.24	Withdrawn	
MSPGCL	Koradi Unit 9	660	04/12/2020	02.07		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	06/12/2020	12.54		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	06/12/2020	23.45		Continued.	Flame Failure	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Dec/2020**

**Statement-VII**

Position as on 6.30 Hrs of 06/Dec/2020

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	04/12/2020	17.40	05/12/2020	09.20	HT	Over Voltage
Padgha Tarapur I	InterState	05/12/2020	08.19	06/12/2020	20.53	PO	Urgent terminal equipment maintenance at TAPS.
Dhule Sar'Sarovar II	InterState	05/12/2020	17.17	06/12/2020	08.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/12/2020	18.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	04/12/2020	19.39	05/12/2020	09.20	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	04/12/2020	20.12	05/12/2020	09.44	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/12/2020	18.57	06/12/2020	08.47	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	05/12/2020	19.44	06/12/2020	08.48	HT	Over Voltage
Padghe - Kalwa- I	IntraState	06/12/2020	06.32	06/12/2020	11.29	PO	CVT Testing
Khadka-Aurangabad (Waluj)	IntraState	06/12/2020	18.56		Continued.	HT	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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220kv 105mva 1 Ph Spare Ict @New Koyna	IntraState	05/12/2020	11.37	05/12/2020	16.47	PO	Diagnostic testing & relay testing work.
<b>220 KV LINE Outages/Trippings</b>							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
OSMANABAD BARSHI	IntraState	02/12/2020	22.43	06/12/2020	00.12	HT	Breaker lockout At Barshi end.
Bus A at Padgha	IntraState	04/12/2020	16.55	05/12/2020	22.24	EO	Attending Hot Spot
Sawantwadi-Bidri	IntraState	05/12/2020	07.50	05/12/2020	18.57	PO	For chemical washing of insulators of line.
Miraj - Mhaishal	IntraState	05/12/2020	08.50	05/12/2020	15.41	PO	Diagnostic testing to check the healthiness of LA, quarterly maintenance work and replacement of stack if required.
Trombay-Chembur Line 2	IntraState	05/12/2020	09.04	06/12/2020	13.28	PO	For reinstallation of bus-1 side disconnecter switch of bay-6 i.e 689A after bay-6 bus side CT replacement work.
Salsette - Sahara	IntraState	05/12/2020	09.27	05/12/2020	14.58	PO	220KV Salsette Saki line project work.
Hinganghat - Bhugaon	IntraState	05/12/2020	09.46	05/12/2020	16.44	HT	Diagnostic testing and attending disc flashover at Loc no.230 & 231.
Khadka-Chalisgaon-1	IntraState	05/12/2020	10.12	05/12/2020	16.38	PO	Hand tripped For Load Management.
Cable Borivli Aarey 1	IntraState	05/12/2020	1010	05/12/2020	16.48	PO	220KV Cable sheath fault repairing work at MSETCL colony

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/Tripping for 05/Dec/2020**

**Statement-VII**

Position as on 6.30 Hrs of 06/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							(between MSETCL borivali substation & JC 1).
Nanded - Parli Ext. Ckt II	IntraState	05/12/2020	11.02	05/12/2020	14.32	HT	Jumper replacement work.
Badnera Tss-li	IntraState	05/12/2020	11.55	05/12/2020	14.47	HT	AMR project work.
Kandalgaon - ONGC Panvel	IntraState	05/12/2020	13.48	05/12/2020	16.00	PO	Repeat CRM test of B-ph CB pole.
Kalwa Salsette III	IntraState	06/12/2020	13.44	06/12/2020	16.35	PO	Removal of Bird Nest and tree trimming
Trombay - Kalwa	IntraState	06/12/2020	22.06	06/12/2020	23.17	EO	Container passing
<b>220 KV ICT Outages/Tripping</b>							
220/33kV 125 MVA Transformer 3 @Chembur R/S	IntraState	05/12/2020	08.32	06/12/2020	13.47	PO	For reinstallation of bus-1 side disconnector switch of bay-6 i.e 689A after bay-6 bus side CT replacement work.
220/132kv 100mva lct 1 @Peth	IntraState	05/12/2020	09.04		Continued.	PO	OLTC overhauling work.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	05/12/2020	10.22	05/12/2020	18.18	PO	1. Oil leakage attending work. 2. Bus-Isolator servicing & alignment work 3. Diagnostic testing work.
220/132 Kv 150 Mva Cgl lct 3 @Eklahre (Ocr)	IntraState	05/12/2020	10.44	05/12/2020	15.50	PO	Diagnostic testing work
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	05/12/2020	13.30	05/12/2020	18.20	PO	CTR trouble shooting attending work.

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