

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 25/May/2020 MONDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.694	2217.983	1) Gujrat	7.666	162.351
2) Hydro	25.069	421.924	2) Madhya Pradesh	11.780	294.825
3) Gas	5.044	163.473	3) Chattisgarh	6.370	191.190
<b>Total MSPGCL</b>	<b>142.807</b>	<b>2803.380</b>	4) Maharashtra	132.406	3373.040
B) 1) APLM	68.080	1690.781	5) Goa (Amona)	-0.594	-12.364
2) JSWEL	17.781	405.702	<b>Total</b>	<b>157.628</b>	<b>4009.042</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.262	582.645
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.370	582.108
5) WPCL	2.688	66.759	c) MSEDCL Bilateral *	50.742	1296.338
6) Other IPP	8.716	207.525	Include PX	23.654	679.592
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.262	582.645
C) 1) TPCL Thermal	8.045	174.867	Include PX	16.386	408.063
2) TPCL Hydro	5.006	128.707	Standby	0.000	0.000
3) TPCL Gas	4.383	109.770	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	12.022	252.814	1) MSEDCL	406.984	9295.756
D) STATE			2) Mumbai Discoms	50.827	1248.260
1) Thermal	230.026	5016.431	<b>TOTAL STATE</b>	<b>457.811</b>	<b>10544.016</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	30.075	550.631			
(A2+C2)					
3) Gas	9.427	273.243			
(A3+B7+C3)					
4) Wind	23.389	510.512			
6) SOLAR	7.265	184.163			
<b>TOTAL STATE</b>	<b>300.182</b>	<b>6534.980</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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4744	4656	4726	4685
MSPGCL Hydro	1208	1057	455	1297
MSPGCL Gas	283	128	142	289
MSPGCL Total Generation	6235	5841	5323	6271
Central Sector Receipt	7387	8272	5391	5662
WIND	605	838	1346	1101
CPP / IPP Thermal	3914	3982	4508	3870
CPP / IPP Gas	0	0	0	0
SOLAR	911	633	0	0
Exchange with Mumbai	-945	-804	-815	-858
<b>MSEDCL DEMAND MET</b>	<b>18107</b>	<b>18762</b>	<b>15753</b>	<b>16046</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	18107	18762	15753	16046
TPCL GENERATION	615	892	947	746
AEML GENERATION	503	501	502	499
<b>MUMBAI DEMAND</b>	<b>2063</b>	<b>2197</b>	<b>2264</b>	<b>2103</b>
STATE DEMAND MET	20170	20959	18017	18149
<b>STATE DEMAND</b>	<b>20170</b>	<b>20959</b>	<b>18017</b>	<b>18149</b>
Frequency (Hz)	49.95	49.99	49.95	50.00

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 12.02 Hrs	49.65 Hz at 22.11 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 25/May/2020

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	0.35	0.35	164	0
Unit 9	11.97	130.41	520	458
Unit 10	0.00	0.00	0	0
<b>Total</b>	<b>12.32</b>	<b>130.76</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</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	7.59	0	0
Unit 8	0.00	56.42	0	0
<b>Total</b>	<b>0.00</b>	<b>64.01</b>		
<b>Chandrapur</b>				
Unit 3	4.37	57.29	188	174
Unit 4	3.45	37.23	166	45
Unit 5	8.96	122.03	422	315
Unit 6	10.65	244.87	450	425
Unit 7	10.98	163.94	465	449
Unit 8	11.39	275.80	485	440
Unit 9	10.43	258.14	465	415
<b>Total</b>	<b>60.24</b>	<b>1159.30</b>		
<b>Paras</b>				
Unit 3	5.77	121.40	255	200
Unit 4	6.02	128.99	253	244
<b>Total</b>	<b>11.79</b>	<b>250.39</b>		
<b>Khaparkheda</b>				
Unit 1	4.00	56.54	175	150
Unit 2	4.40	91.44	185	180
Unit 3	4.61	86.62	195	190
Unit 4	4.52	107.83	195	180
Unit 5	10.82	271.09	480	430
<b>Total</b>	<b>28.35</b>	<b>613.51</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Uran</b>				
All Units	5.04	163.47	289	128
<b>Total</b>	<b>5.04</b>	<b>163.47</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)	0.51	6.85	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.51</b>	<b>6.85</b>		
<b>Koyna</b>				
Stage 1-2	5.95	127.76	550	40
Stage 4	12.63	167.59	911	0
Stage 3	4.35	65.09	240	6
<b>Total</b>	<b>22.93</b>	<b>360.43</b>		
<b>Hydro</b>				
KDPH	0.72	18.78	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.13	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	7.00	80	0
RNGR+BHTSA	0.27	7.01	12	11
BHANDARDRA	0.44	11.48	37	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.42	13.74	26	15
GHATGHAR	0.00	0.00	0	0
<b>Total</b>	<b>2.14</b>	<b>61.49</b>		
<b>Wind</b>				
Total	23.39	510.51	0	0
<b>Total</b>	<b>23.39</b>	<b>510.51</b>		
<b>CPP</b>				
APML(Mus)	68.08	1690.78	0	0
JSWEL(Mus)	17.78	405.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	66.76	0	0
Other(Mus)	8.72	207.52	0	0
<b>Total</b>	<b>97.26</b>	<b>2370.77</b>		
<b>SOLAR</b>				
Total	7.26	184.16	0	0
<b>Total</b>	<b>7.26</b>	<b>184.16</b>		
<b>Tata</b>				
Trombay 5	8.04	174.87	456	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	70.15	118	116
Trombay 7B	1.58	39.62	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.01	128.71	459	54
<b>Total</b>	<b>17.43</b>	<b>413.34</b>		
<b>AEML</b>				
DTPS U-1&2	12.02	252.81	503	499
<b>Total</b>	<b>12.02</b>	<b>252.81</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.69	2217.98
MSPGCL Thml+Gas	117.74	2381.46
MSPGCL Hydro	25.07	421.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	142.81	2803.38
Koyna 1,2 & 4 Total	18.58	295.34
State Total	300.18	6534.98

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 25/May/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	4623	1563	280	6466	1337	3962	0	0	5925	5981	-1073	16673	0	16673	2426	19099	49.98
2	4600	1560	280	6440	1211	3960	0	0	5830	5691	-999	16303	0	16303	2315	18618	50.02
3	4621	1482	270	6373	1146	3881	0	0	5838	5543	-914	16029	0	16029	2197	18226	50.03
4	4685	1297	289	6271	1101	3870	0	0	5775	5662	-858	16046	0	16046	2103	18149	50.00
5	4763	1302	269	6334	1139	3879	0	0	5748	6014	-849	16517	0	16517	2035	18552	49.95
6	4738	1456	281	6475	1045	3883	0	0	6471	6689	-876	17216	0	17216	2011	19227	49.96
7	4758	1148	281	6187	1044	3889	0	55	7261	7092	-821	17446	0	17446	1933	19379	50.01
8	4776	680	282	5738	907	3933	0	243	7003	7151	-815	17157	0	17157	1911	19068	50.01
9	4810	502	268	5580	774	3906	0	500	6820	6832	-856	16736	0	16736	1939	18675	50.02
10	4781	944	275	6000	669	3959	0	721	6747	6863	-908	17304	0	17304	1999	19303	49.95
11	4742	1021	266	6029	736	3936	0	908	6868	6815	-936	17488	0	17488	2037	19525	50.00
12	4744	1208	283	6235	605	3914	0	911	7152	7387	-945	18107	0	18107	2063	20170	49.95
13	4681	1147	240	6068	775	3984	0	981	7569	7522	-914	18416	0	18416	2066	20482	49.97
14	4676	985	128	5789	705	4033	0	895	7715	7584	-867	18139	0	18139	2087	20226	50.00
15	4658	1053	138	5849	808	4004	0	799	7999	7958	-800	18618	0	18618	2166	20784	49.94
16	4656	1057	128	5841	838	3982	0	633	8155	8272	-804	18762	0	18762	2197	20959	49.99
17	4655	1041	138	5834	854	4022	0	392	7796	7838	-720	18220	0	18220	2110	20330	50.02
18	4595	667	130	5392	747	4007	0	182	6968	7031	-831	16528	0	16528	1957	18485	50.02
19	4615	598	130	5343	863	4040	0	45	5772	6112	-855	15548	0	15548	1892	17440	50.02
20	4620	682	141	5443	1085	4233	0	0	5416	5671	-969	15463	0	15463	2023	17486	50.02
21	4676	492	132	5300	1224	4405	0	0	5270	5490	-893	15526	0	15526	2166	17692	50.01
22	4726	455	142	5323	1346	4508	0	0	5243	5391	-815	15753	0	15753	2264	18017	49.95
23	4746	1279	131	6156	1302	4560	0	0	5421	5239	-974	16283	0	16283	2429	18712	49.94
24	4749	1450	142	6341	1128	4515	0	0	5690	5800	-1078	16706	0	16706	2500	19206	49.99
<b>MUs</b>	<b>112.69</b>	<b>25.07</b>	<b>5.04</b>	<b>142.81</b>	<b>23.39</b>	<b>97.26</b>	<b>0.00</b>	<b>7.27</b>	<b>156.45</b>	<b>157.63</b>	<b>-21.37</b>	<b>406.98</b>	<b>0.00</b>	<b>406.98</b>	<b>50.83</b>	<b>457.81</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 25/May/2020**

Position as on 6.30 Hrs of 26/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>FORCED OUTAGE</b>								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
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	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
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	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00	25/05/2020	20.32	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	

**State Load Despatch Center,Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 25/May/2020**

**Position as on 6.30 Hrs of 26/May/2020**

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Chandrapur Unit 4	210	26/05/2020	06.55		Continued.	CVSM problem	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 25/May/2020**

**Statement-VII**

Position as on 6.30 Hrs of 26/May/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	23/05/2020	17.55		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	20/05/2020	17.49	26/05/2020	07.17	HT	Over Voltage
Karad-Jaigad - I	IntraState	24/05/2020	19.06		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	25/05/2020	12.15	25/05/2020	13.30	T	Distance Protection
<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 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
<b>220 KV LINE Outages/Trippings</b>							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Mahalakshmi Amona	InterState	26/05/2020	00.33	26/05/2020	02.00	T	Backup Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Dhule-Chalisagaon	IntraState	25/05/2020	07.20	25/05/2020	10.21	PO	Tan Delta Measurment of CTs
Taloja II - OCIL-I	IntraState	25/05/2020	07.30	25/05/2020	20.00	PO	Premonsoon Maint.work
Pedhambe - Oni	IntraState	25/05/2020	08.59	25/05/2020	18.30	PO	Routine Maintenance Work
Kalwa - Borivali	IntraState	25/05/2020	09.03	25/05/2020	12.36	PO	Routine Maintenance Work
Oni Kharepatan Line	IntraState	25/05/2020	09.24	25/05/2020	18.52	PO	Routine Maintenance Work
Kandalgaon - Koyna (Pophali)	IntraState	25/05/2020	10.00	25/05/2020	18.55	PO	Routine Maintenance Work
Flagship-Chinchwad	IntraState	25/05/2020	11.34	25/05/2020	12.31	EO	To Remove Bird Nest
Jejuri ( 400 Kv)-Jejuri ckt-I	IntraState	25/05/2020	17.11	25/05/2020	19.20	EO	To attend Hot Spot
Goregaon Versova Line 2	IntraState	25/05/2020	17.20	25/05/2020	19.33	T	Distance Protection
Halkarni-Mahalaxmi line	IntraState	26/05/2020	00.33		Continued.	T	Distance Protection
<b>220 KV ICT Outages/Trippings</b>							
220/132KV 200MVA ICT II @Kurkumb	IntraState	25/05/2020	09.20	25/05/2020	17.15	PO	Premonsoon Maint.work
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	25/05/2020	09.23	25/05/2020	12.31	PO	Routine Maintenance Work
220/33kv 125 MVA Transformer 5 @Versova R/S	IntraState	25/05/2020	10.36	25/05/2020	12.03	PO	Routine Maintenance Work
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	25/05/2020	10.51	25/05/2020	12.10	PO	To attend Earth Leakage

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