

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 20/Jun/2021 SUNDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	67.164	1940.737	1) Gujrat	-1.119	27.236
2) Hydro	12.204	268.279	2) Madhya Pradesh	6.563	136.647
3) Gas	5.877	150.423	3) Chattisgarh	5.810	120.100
<b>Total MSPGCL</b>	<b>85.245</b>	<b>2359.439</b>	4) Maharashtra	111.747	2803.186
B) 1) APLM	66.051	776.022	5) Goa (Amona)	-1.876	-28.218
2) JSWEL	20.231	404.816	<b>Total</b>	<b>121.125</b>	<b>3058.951</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.052	564.063
4) RPL(AMT)	22.193	508.391	b) Mumbai Drawl	25.165	504.778
5) SWPGPL	2.758	92.477	c) MSEDCL Bilateral *	31.504	804.343
6) Other IPP	7.538	163.537	Include PX	3.479	205.656
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.052	564.024
C) 1) TPCL Thermal	11.419	270.230	Include PX	12.383	304.660
2) TPCL Hydro	2.069	79.313	Standby	0.000	0.039
3) TPCL Gas	4.369	81.449	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	4.128	107.589	1) MSEDCL	358.969	7662.073
D) STATE			2) Mumbai Discoms	47.149	1043.358
1) Thermal	201.482	4263.799	<b>TOTAL STATE</b>	<b>406.118</b>	<b>8705.431</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	14.273	347.592			
(A2+C2)					
3) Gas	10.246	231.872			
(A3+B7+C3)					
4) Wind	51.243	668.606			
6) SOLAR	7.750	134.612			
<b>TOTAL STATE</b>	<b>284.994</b>	<b>5646.481</b>			

\* Displayed for information, not added in total.

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

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3002	2298	3069	2969
MSPGCL Hydro	329	460	911	264
MSPGCL Gas	248	249	249	249
MSPGCL Total Generation	3579	3007	4229	3482
Central Sector Receipt	5298	5523	4925	4420
WIND	2558	2791	1380	1826
CPP / IPP Thermal	5246	3944	5628	5248
CPP / IPP Gas	0	0	0	0
SOLAR	514	1026	0	0
Exchange with Mumbai	-1089	-1275	-845	-989
<b>MSEDCL DEMAND MET</b>	<b>16106</b>	<b>15016</b>	<b>15317</b>	<b>13988</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	16106	15016	15317	13988
TPCL GENERATION	675	661	1012	603
AEML GENERATION	148	147	251	148
<b>MUMBAI DEMAND</b>	<b>1912</b>	<b>2083</b>	<b>2108</b>	<b>1740</b>
STATE DEMAND MET	18018	17100	17425	15728
<b>STATE DEMAND</b>	<b>18018</b>	<b>17100</b>	<b>17425</b>	<b>15728</b>
Frequency (Hz)	50.03	50.02	49.98	50.05

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.04 Hrs	49.82 Hz at 19.11 Hrs	50.01	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 20/Jun/2021

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	3.87	0	0
Unit 9	10.30	139.34	485	375
Unit 10	9.80	214.28	470	365
<b>Total</b>	<b>20.10</b>	<b>357.49</b>		
<b>Bhusawal</b>				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
<b>Total</b>	<b>0.00</b>	<b>185.90</b>		
<b>Parli</b>				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
<b>Total</b>	<b>0.00</b>	<b>10.27</b>		
<b>Chandrapur</b>				
Unit 3	3.29	40.53	150	124
Unit 4	3.69	67.41	173	120
Unit 5	0.12	162.82	110	5
Unit 6	7.79	172.09	370	270
Unit 7	0.00	0.00	0	0
Unit 8	9.58	180.94	465	280
Unit 9	9.83	169.09	460	278
<b>Total</b>	<b>34.29</b>	<b>792.88</b>		
<b>Paras</b>				
Unit 3	0.00	42.62	0	0
Unit 4	0.00	47.54	0	0
<b>Total</b>	<b>0.00</b>	<b>90.17</b>		
<b>Khaparkheda</b>				
Unit 1	0.00	28.10	0	0
Unit 2	0.00	57.47	0	0
Unit 3	0.00	63.60	0	0
Unit 4	0.00	62.78	0	0
Unit 5	9.25	218.24	480	300
<b>Total</b>	<b>9.25</b>	<b>430.18</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	3.52	73.84	195	124
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>3.52</b>	<b>73.84</b>		
<b>Uran</b>				
All Units	5.88	150.42	253	237
<b>Total</b>	<b>5.88</b>	<b>150.42</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)	0.49	8.36	23	19
<b>Total</b>	<b>0.49</b>	<b>8.36</b>		
<b>Koyna</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.42	53.08	345	35
Stage 4	1.25	47.77	272	0
Stage 3	1.37	29.24	160	0
<b>Total</b>	<b>5.04</b>	<b>130.09</b>		
<b>Hydro</b>				
KDPH	0.77	3.03	32	32
VTRNA	0.89	15.59	60	0
TILLARI	0.80	14.09	58	0
BHIRA T.R.	0.24	5.36	80	0
SMLHY_PTN	4.47	95.91	192	183
GHATGHAR	0.00	4.21	0	0
<b>Total</b>	<b>7.17</b>	<b>138.19</b>		
<b>Wind</b>				
Total	51.24	668.61	0	0
<b>Total</b>	<b>51.24</b>	<b>668.61</b>		
<b>CPP</b>				
APML(Mus)	66.05	776.02	0	0
JSWEL(Mus)	20.23	404.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	22.19	508.39	0	0
SWPGPL-Mus	2.76	92.48	0	0
Other(Mus)	7.54	163.54	0	0
<b>Total</b>	<b>118.77</b>	<b>1945.24</b>		
<b>SOLAR</b>				
Total	7.75	134.61	0	0
<b>Total</b>	<b>7.75</b>	<b>134.61</b>		
<b>Tata</b>				
Trombay 5	7.59	175.53	451	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	51.06	117	104
Trombay 7B	1.60	30.39	68	64
Trombay 8	3.83	94.70	225	136
TATA Hydro	2.07	79.31	312	2
<b>Total</b>	<b>17.86</b>	<b>430.99</b>		
<b>AEML</b>				
DTPS U-1&2	4.13	107.59	251	146
<b>Total</b>	<b>4.13</b>	<b>107.59</b>		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	67.16	1940.74
MSPGCL Thml+Gas	73.04	2091.16
MSPGCL Hydro	12.20	268.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	85.24	2359.44
Koyna 1,2 & 4 Total	3.67	100.84
State Total	284.99	5646.48

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 20/Jun/2021

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	2969	367	242	3578	1941	5614	0	0	4651	4289	-1140	14282	0	14282	1996	16278	49.98
2	2951	291	253	3495	1920	5432	0	0	4599	4491	-1086	14252	0	14252	1888	16140	50.03
3	2970	259	251	3480	1796	5264	0	0	4452	4610	-1040	14110	0	14110	1812	15922	50.03
4	2969	264	249	3482	1826	5248	0	0	4361	4420	-989	13988	0	13988	1740	15728	50.05
5	2979	258	239	3476	2076	5260	0	0	4410	4545	-989	14368	0	14368	1728	16096	50.02
6	2984	314	248	3546	2106	5454	0	0	5007	4881	-1006	14981	0	14981	1754	16735	49.99
7	3059	328	239	3626	2111	5740	0	60	5687	5485	-763	16258	0	16258	1779	18038	50.01
8	3046	309	239	3594	2183	5395	0	264	5916	5712	-850	16298	0	16298	1814	18112	50.00
9	3002	329	248	3579	2558	5246	0	514	5380	5298	-1089	16106	0	16106	1912	18018	50.03
10	2975	398	239	3612	2740	5036	0	666	5446	4951	-1167	15838	0	15838	2006	17844	50.08
11	2685	379	247	3311	2783	4470	0	856	5471	5177	-1232	15365	0	15365	2093	17458	50.02
12	2343	466	237	3046	2751	4206	0	931	5537	5524	-1282	15176	0	15176	2093	17270	50.00
13	2298	460	249	3007	2791	3944	0	1026	5590	5523	-1275	15016	0	15016	2083	17100	50.02
14	2291	449	237	2977	2768	3618	0	1028	5512	5340	-1245	14486	0	14486	2026	16512	49.99
15	2281	762	248	3291	2596	3680	0	896	5104	5561	-1217	14808	0	14808	2005	16812	49.92
16	2520	648	237	3405	2624	4158	0	741	5073	5028	-1212	14744	0	14744	2001	16744	50.04
17	2569	444	248	3261	2679	4235	0	510	5391	5148	-1175	14658	0	14658	1982	16640	50.06
18	2320	481	238	3039	2379	4312	0	224	5424	5519	-1103	14370	0	14370	1931	16302	49.98
19	2498	733	250	3481	2115	4330	0	34	5261	5475	-1102	14334	0	14334	1923	16256	50.05
20	3020	877	249	4146	1769	5066	0	0	5264	5386	-1041	15326	0	15326	2044	17370	49.98
21	3069	911	249	4229	1380	5628	0	0	4829	4925	-845	15317	0	15317	2108	17425	49.98
22	3069	970	249	4288	1174	5802	0	0	4559	4676	-770	15170	0	15170	2137	17306	50.02
23	3073	967	241	4281	1146	5804	0	0	4455	4509	-759	14982	0	14982	2162	17144	50.01
24	3224	540	251	4015	1031	5826	0	0	4880	4652	-788	14736	0	14736	2133	16870	49.97
<b>MUs</b>	<b>67.16</b>	<b>12.20</b>	<b>5.88</b>	<b>85.24</b>	<b>51.24</b>	<b>118.77</b>	<b>0.00</b>	<b>7.75</b>	<b>122.26</b>	<b>121.12</b>	<b>-25.17</b>	<b>358.97</b>	<b>0.00</b>	<b>358.97</b>	<b>47.15</b>	<b>406.12</b>	<b>50.01</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 20/Jun/2021**

Position as on 6.30 Hrs of 21/Jun/2021

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	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
<b>FORCED OUTAGE</b>								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-4	135	08/06/2021	00.04		Continued.	Zero Schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	08/06/2021	13.15	21/06/2021	00.16	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	10/06/2021	16.00		Continued.	Zero scheduled given by MSEDCL	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 2	210	17/06/2021	00.27		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	17/06/2021	02.42		Continued.	Stator earth fault.	
MSPGCL	Khaparkheda Unit 3	210	17/06/2021	02.54		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 4	210	17/06/2021	15.54		Continued.	Zero Schedule.	

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 20/Jun/2021**

Position as on 6.30 Hrs of 21/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	19/06/2021	20.35	20/06/2021	22.49	Heater spray problem.	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 20/Jun/2021**

**Statement-VII**

Position as on 6.30 Hrs of 21/Jun/2021

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
Wardha (Pg) Warora I	InterState	21/06/2021	22.51	21/06/2021	23.38	EO	For revise overvoltage stage 1 relay setting from 70 V to 72 Volt.
Warora -IEPL	IntraState	18/06/2021	07.28		Continued.	PO	Shifting of Line on Newly erected Tower
koaradi II - Wardha(PG)	IntraState	18/06/2021	08.26		Continued.	PO	Shifting of Line on Newly erected Tower
karad -kolhapur-II	IntraState	19/06/2021	01.05	20/06/2021	09.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/06/2021	18.58	20/06/2021	06.45	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	19/06/2021	20.11	21/06/2021	09.50	HT	Over Voltage
Girwali- Lonikand 2	IntraState	20/06/2021	09.41	20/06/2021	18.52	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	20/06/2021	21.56	21/06/2021	06.33	HT	Over Voltage
karad -kolhapur-I	IntraState	20/06/2021	22.37	21/06/2021	09.24	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/06/2021	09.58		Continued.	PO	For Replacement of Energy Meters.
karad -kolhapur-I	IntraState	21/06/2021	23.40		Continued.	HT	Over Voltage
<b>400 KV ICT Outages/Trippings</b>							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	21/06/2021	16.37	21/06/2021	17.20	EO	Filling of SF6 Gas in R Phase 416 CB ( ICT I HV CB) by online method.
<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)
Tillari Amona	InterState	20/06/2021	22.50	21/06/2021	15.03	EO	To attend Hot Spot
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25		Continued.	T	Distance Protection ( Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
Uran - Kharghar 2	IntraState	20/06/2021	15.57	20/06/2021	22.17	T	Distance Protection
BHIRA (T) - KARANJADE CKT - 8	IntraState	21/06/2021	07.16		Continued.	PO	Conductor replacement in span 136 -137 DFCC work.
Main Bus Section-I@ Pedambe	IntraState	21/06/2021	09.05	21/06/2021	19.50	PO	220KV Pophali 1 Bay Y phase main bus to isolator conductor strands are cut and unwound near main bus isolator clamp.
Chalishaon -Babhaleshwar	IntraState	21/06/2021	09.36	21/06/2021	16.24	PO	Servicing and alignment work of 29A,29B , 29D and 29E isolator. 29A and 29B isolator jump connected to main 220 KV BUS I and II will opened by hotline unit Nasik.
Pusad-Ghatodi	IntraState	21/06/2021	10.17	21/06/2021	13.26	HT	Outage On Bus Section Of YAVATMAL S/S.
Kolhapur-Bidri	IntraState	21/06/2021	10.42	21/06/2021	16.50	PO	Quarterly Maintainance Work
Wardha-Yeotmal	IntraState	21/06/2021	11.09	21/06/2021	13.19	PO	Attending Hot Spot
220kv Halkarni- Tillary	IntraState	21/06/2021	11.12	21/06/2021	21.56	EO	For Attending Red Hot Spot On 220kv Main bus For 220KV AMONA Bay Y PH Jump.
<b>220 KV ICT Outages/Trippings</b>							

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 20/Jun/2021**

**Statement-VII**

Position as on 6.30 Hrs of 21/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19	20/06/2021	00.30	T	ICT Failed due to internal fault.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	21/06/2021	10.08	21/06/2021	18.43	PO	1) MTAMC wiring work. 2) replacement of Bushing to Gantry jumper. 3) Pre-monsoon maintenance work.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	21/06/2021	10.23	21/06/2021	16.58	PO	1.Pre monsoon maintenance work. 2.Quarterly maintenance work. 3.Relay testing work.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	21/06/2021	11.27	21/06/2021	17.40	PO	Quarterly Maintenance Work & Diagnostic Testing work.
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	21/06/2021	15.15	21/06/2021	15.34	T	Creek Side 100KV KALWA BUS Trip.
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	21/06/2021	15.15	21/06/2021	15.34	T	Creek Side 100KV KALWA BUS Trip.