

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 24/Nov/2021 WEDNESDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.308	3410.067	1) Gujrat	-6.641	-148.313
2) Hydro	10.072	255.658	2) Madhya Pradesh	6.237	146.883
3) Gas	4.346	124.892	3) Chattisgarh	0.000	72.220
<b>Total MSPGCL</b>	<b>158.726</b>	<b>3790.617</b>	4) Maharashtra	161.930	3705.863
B) 1) APLM	58.352	1257.425	5) Goa (Amona)	-1.570	-37.195
2) JSWEL	14.385	325.363	<b>Total</b>	<b>159.956</b>	<b>3739.458</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.340	684.947
4) RPL(AMT)	24.202	506.758	b) Mumbai Drawl	30.350	686.807
5) SWPGPL	7.450	171.554	c) MSEDCL Bilateral *	43.819	1099.011
6) Other IPP	34.238	702.906	Include PX	5.388	226.027
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.340	684.915
C) 1) TPCL Thermal	14.323	298.870	Include PX	18.175	405.014
2) TPCL Hydro	5.658	95.429	Standby	0.000	0.032
3) TPCL Gas	3.498	78.587	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	11.282	237.234	1) MSEDCL	439.635	10269.518
D) STATE			2) Mumbai Discoms	65.110	1396.925
1) Thermal	308.540	6910.177	<b>TOTAL STATE</b>	<b>504.745</b>	<b>11666.443</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	15.730	351.087			
(A2+C2)					
3) Gas	7.844	203.479			
(A3+B7+C3)					
4) Wind	5.972	307.553			
6) SOLAR	6.704	154.691			
<b>TOTAL STATE</b>	<b>344.790</b>	<b>7926.987</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	6044	5853	6237	5780
MSPGCL Hydro	399	317	1334	250
MSPGCL Gas	138	145	238	142
MSPGCL Total Generation	6581	6315	7809	6172
Central Sector Receipt	7521	7567	6442	6039
WIND	271	259	175	239
CPP / IPP Thermal	6033	5602	6150	5271
CPP / IPP Gas	0	0	0	0
SOLAR	945	922	0	0
Exchange with Mumbai	-1387	-1462	-1255	-1001
<b>MSEDCL DEMAND MET</b>	<b>19964</b>	<b>19203</b>	<b>19320</b>	<b>16720</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	19964	19203	19320	16720
TPCL GENERATION	1294	1298	1311	644
AEML GENERATION	502	502	500	381
<b>MUMBAI DEMAND</b>	<b>3183</b>	<b>3262</b>	<b>3066</b>	<b>2026</b>
STATE DEMAND MET	23147	22465	22386	18746
<b>STATE DEMAND</b>	<b>23147</b>	<b>22465</b>	<b>22386</b>	<b>18746</b>
Frequency (Hz)	49.98	49.96	49.98	50.00

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.03 Hrs	49.77 Hz at 16.57 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 24/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	3.38	82.30	175	120
Unit 7	0.00	0.00	0	0
Unit 8	15.13	190.17	660	564
Unit 9	13.81	312.30	626	450
Unit 10	13.33	301.79	565	538
<b>Total</b>	<b>45.64</b>	<b>886.55</b>		
<b>Bhusawal</b>				
Unit 3	0.00	70.28	0	0
Unit 4	9.03	215.80	480	280
Unit 5	8.48	232.18	455	280
<b>Total</b>	<b>17.51</b>	<b>518.27</b>		
<b>Parli</b>				
Unit 6	0.00	53.06	0	0
Unit 7	4.12	96.56	230	144
Unit 8	3.97	99.14	202	150
<b>Total</b>	<b>8.09</b>	<b>248.77</b>		
<b>Chandrapur</b>				
Unit 3	0.00	55.43	0	0
Unit 4	2.56	74.94	140	0
Unit 5	7.85	193.24	355	300
Unit 6	0.00	0.00	0	0
Unit 7	4.48	185.58	310	0
Unit 8	9.57	222.54	420	381
Unit 9	10.65	230.93	471	408
<b>Total</b>	<b>35.11</b>	<b>962.65</b>		
<b>Paras</b>				
Unit 3	4.10	45.33	237	139
Unit 4	4.13	96.20	236	141
<b>Total</b>	<b>8.24</b>	<b>141.53</b>		
<b>Khaparkheda</b>				
Unit 1	2.81	65.13	135	100
Unit 2	3.32	77.34	170	120
Unit 3	3.44	78.20	180	122
Unit 4	3.26	82.26	175	125
Unit 5	9.92	220.90	439	365
<b>Total</b>	<b>22.76</b>	<b>523.84</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	3.17	47.30	141	120
Unit 5	3.80	81.16	184	119
<b>Total</b>	<b>6.96</b>	<b>128.46</b>		
<b>Uran</b>				
All Units	4.35	124.89	250	137
<b>Total</b>	<b>4.35</b>	<b>124.89</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)	0.08	7.19	33	0
<b>Total</b>	<b>0.08</b>	<b>7.19</b>		
<b>Koyna</b>				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.03	73.28	530	40
Stage 4	0.76	34.22	445	0
Stage 3	1.09	23.78	240	0
<b>Total</b>	<b>4.88</b>	<b>131.28</b>		
<b>Hydro</b>				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.32	5.32	80	0
SMLHY_PTN	4.88	114.82	211	192
GHATGHAR	0.00	2.65	0	0
<b>Total</b>	<b>5.20</b>	<b>124.38</b>		
<b>Wind</b>				
Total	5.97	307.55	0	0
<b>Total</b>	<b>5.97</b>	<b>307.55</b>		
<b>CPP</b>				
APML(Mus)	58.35	1257.42	0	0
JSWEL(Mus)	14.38	325.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.20	506.76	0	0
SWPGPL-Mus	7.45	171.55	0	0
Other(Mus)	34.24	702.91	0	0
<b>Total</b>	<b>138.63</b>	<b>2964.01</b>		
<b>SOLAR</b>				
Total	6.70	154.69	0	0
<b>Total</b>	<b>6.70</b>	<b>154.69</b>		
<b>Tata</b>				
Trombay 5	9.29	185.29	481	259
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.10	47.13	116	58
Trombay 7B	1.40	31.46	67	47
Trombay 8	5.03	113.58	218	179
TATA Hydro	5.66	95.43	446	0
<b>Total</b>	<b>23.48</b>	<b>472.89</b>		
<b>AEML</b>				
DTPS U-1&2	11.28	237.23	502	365
<b>Total</b>	<b>11.28</b>	<b>237.23</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.31	3410.07	MSPGCL Total	158.73	3790.62
			MSPGCL Thml+Gas	148.65	3534.96	Koyna 1,2 & 4 Total	3.79	107.50
			MSPGCL Hydro	10.07	255.66	State Total	344.79	7926.99

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 24/Nov/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	5898	254	141	6293	164	5245	0	0	6557	6060	-1131	16631	0	16631	2440	19071	49.95
2	5748	254	142	6144	237	5164	0	0	6497	6228	-993	16780	0	16780	2250	19030	49.96
3	5782	260	141	6183	250	5050	0	0	6400	6269	-1100	16652	0	16652	2114	18766	49.92
4	5780	250	142	6172	239	5271	0	0	6294	6039	-1001	16720	0	16720	2026	18746	50.00
5	5854	260	152	6266	268	5705	0	0	6308	5873	-998	17114	0	17114	1987	19101	50.03
6	6110	365	142	6617	302	5904	0	0	6259	5956	-1055	17724	0	17724	2048	19772	50.02
7	6534	381	141	7056	285	6050	0	13	6588	6541	-1014	18930	0	18930	2119	21050	50.01
8	6734	451	142	7327	285	6120	0	164	6530	6431	-1047	19280	0	19280	2272	21552	50.00
9	6639	346	140	7125	244	6048	0	467	6740	6602	-1168	19318	0	19318	2588	21906	50.06
10	6530	335	140	7005	268	6094	0	795	7110	6885	-1215	19832	0	19832	2926	22758	49.97
11	6044	399	138	6581	271	6033	0	945	7699	7521	-1387	19964	0	19964	3183	23147	49.98
12	5899	409	137	6445	217	5726	0	963	7977	7729	-1463	19617	0	19617	3265	22882	49.94
13	5853	317	145	6315	259	5602	0	922	8203	7567	-1462	19203	0	19203	3262	22465	49.96
14	5689	298	173	6160	321	5312	0	885	8032	7812	-1409	19081	0	19081	3170	22251	50.03
15	5417	652	215	6284	277	5357	0	808	8119	7852	-1461	19117	0	19117	3222	22339	49.99
16	5669	520	234	6423	276	5758	0	509	7917	7713	-1499	19180	0	19180	3237	22417	49.94
17	6149	242	226	6617	173	6025	0	205	7342	7232	-1412	18840	0	18840	3177	22017	49.93
18	6186	507	227	6920	129	6132	0	28	6750	6525	-1285	18448	0	18448	3084	21532	49.99
19	6237	1334	238	7809	175	6150	0	0	6538	6442	-1255	19320	0	19320	3066	22386	49.98
20	6354	879	239	7472	224	6086	0	0	6474	6371	-1166	18986	0	18986	2966	21952	50.00
21	5875	423	230	6528	203	5992	0	0	6622	6542	-1418	17847	0	17847	2791	20638	49.99
22	5856	332	250	6438	266	5942	0	0	6314	6197	-1512	17331	0	17331	2675	20006	50.01
23	5752	326	230	6308	287	5942	0	0	6265	6025	-1551	17011	0	17011	2632	19643	50.00
24	5719	278	241	6238	352	5920	0	0	6000	5544	-1348	16706	0	16706	2611	19318	50.01
<b>MUs</b>	<b>144.31</b>	<b>10.07</b>	<b>4.35</b>	<b>158.73</b>	<b>5.97</b>	<b>138.63</b>	<b>0.00</b>	<b>6.70</b>	<b>165.54</b>	<b>159.96</b>	<b>-30.35</b>	<b>439.64</b>	<b>0.00</b>	<b>439.64</b>	<b>65.11</b>	<b>504.75</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 24/Nov/2021**

Position as on 6.30 Hrs of 25/Nov/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	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%. (Converted to AOH 00:00 hrs 18.10.2021)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
MSPGCL	Koyna STG-IV Unit-4	250	22/11/2021	09.55		Continued.	Annual Overhaul	
<b>FORCED OUTAGE</b>								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule. (NO PPA)	
PGPL	PGPL U1	262	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	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4. which was outage on Loss of Fuel (From 19.44Hrs DT.26-08-2021)	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vibration high	
MSPGCL	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Parli Unit 6	250	17/11/2021	14.37		Continued.	Clinker formation	
MSPGCL	Bhusawal Unit 3	210	21/11/2021	11.06		Continued.	Withdrawn due to Drum Pressure Sensing line leakage attending work.	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12.02		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 6	108	23/11/2021	21.48	24/11/2021	13.31	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	24/11/2021	14.32	24/11/2021	21.08	Bus II Fault at Chandrapur GCR	
MSPGCL	Chandrapur Unit 4	210	24/11/2021	14.32	24/11/2021	18.30	Bus II Fault at Chandrapur GCR	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 24/Nov/2021**

**Statement-VII**

Position as on 6.30 Hrs of 25/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
<b>765 KV ICT Outages/Trippings</b>							
765/400kV 1500MVA ICT @ Akola-II	IntraState	24/11/2021	10.25	24/11/2021	18.16	PO	Replacement of Metering CVT
<b>500 KV LINE Outages/Trippings</b>							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/11/2021	16.33		Continued.	PO	Annual Maintenance Work Of HVDC Pole 2 equipment & line.
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/11/2021	13.35	24/11/2021	14.40	T	Bus II Fault at Chandrapur GCR
<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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Chandrapur Bhadravati II	InterState	24/11/2021	13.35	24/11/2021	20.45	T	Bus II Fault at Chandrapur GCR
Chandrapur Bhadravati I	InterState	24/11/2021	13.35	24/11/2021	15.16	T	Bus II Fault at Chandrapur GCR
Main Bus II @ Chandrapur SW	IntraState	24/11/2021	13.35	24/11/2021	14.32	T	Bus II Fault at Chandrapur GCR
Chandrapur II - Chandrapur ckt 2	IntraState	24/11/2021	13.35	24/11/2021	14.49	T	Bus II Fault at Chandrapur GCR
Chandrapur - Parli	IntraState	24/11/2021	13.35	24/11/2021	15.03	T	Bus II Fault at Chandrapur GCR
<b>400 KV ICT Outages/Trippings</b>							
400/220/33 kV 315 MVA ICT-I @Chandrapur GCR	IntraState	24/11/2021	13.35	24/11/2021	15.21	T	Bus II Fault at Chandrapur GCR
<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)
REL Borivali Aarey Line	IntraState	18/11/2021	09.20		Continued.	PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Kandlgaon - ONGC Panvel	IntraState	24/11/2021	09.00	24/11/2021	18.43	PO	Replacement of Earth wire
Sadawaghapur Karad Ckt 2	IntraState	24/11/2021	09.51	24/11/2021	18.19	PO	Testing Work
chandrapur-Tadali	IntraState	24/11/2021	10.06	24/11/2021	16.40	PO	Testing Work
Wardha - Wardharlytss1	IntraState	24/11/2021	10.28	24/11/2021	11.48	PO	IR Measurement work of CB
Waluj - Degaon Rangari	IntraState	24/11/2021	11.03	24/11/2021	13.58	PO	Line Maintenance work
Khadka-Chalisgaon-2	IntraState	24/11/2021	13.47	24/11/2021	16.24	T	Distance Protection
Pigasus-Hinjewadi-II	IntraState	24/11/2021	15.31	24/11/2021	18.40	EO	Line Maintenance work
<b>220 KV ICT Outages/Trippings</b>							
Dharavi : 220 / 110 / 33 250 MVA ICT 9	IntraState	24/11/2021	06.40	24/11/2021	07.49	PO	Work in vicinity of ICT
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	24/11/2021	10.05	24/11/2021	18.59	PO	Attending Oil Leakage
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	24/11/2021	10.17	24/11/2021	16.50	PO	Testing Work
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	24/11/2021	10.25	24/11/2021	15.25	PO	Quarterly Maintenance Work
220/132 kV 100 MVA ICT II @ Butibori	IntraState	24/11/2021	11.12	24/11/2021	17.58	PO	Tan Delta Measurment of CTs

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