

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 26/Feb/2020 WEDNESDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.358	3674.850	1) Gujrat	4.241	102.864
2) Hydro	7.608	264.492	2) Madhya Pradesh	13.150	331.288
3) Gas	10.064	223.209	3) Chattisgarh	4.150	120.760
<b>Total MSPGCL</b>	<b>162.030</b>	<b>4162.551</b>	4) Maharashtra	128.921	3238.713
B) 1) APLM	70.498	1852.776	5) Goa (Amona)	-0.616	-12.848
2) JSWEL	23.296	595.526	<b>Total</b>	<b>149.846</b>	<b>3780.777</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.715	564.581
4) RPL(AMT)	9.741	231.877	b) Mumbai Drawl	26.224	639.249
5) WPCL	2.614	76.809	c) MSEDCL Bilateral *	27.781	768.736
6) Other IPP	16.322	418.329	Include PX	1.523	106.816
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.715	564.581
C) 1) TPCL Thermal	13.058	363.819	Include PX	10.475	214.818
2) TPCL Hydro	4.558	106.651	Standby	0.000	0.000
3) TPCL Gas	3.703	6.934	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	9.754	242.934	1) MSEDCL	434.050	10907.920
D) STATE			2) Mumbai Discoms	57.297	1359.589
1) Thermal	289.641	7456.920	<b>TOTAL STATE</b>	<b>491.347</b>	<b>12267.509</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	12.166	371.143			
(A2+C2)					
3) Gas	13.767	230.143			
(A3+B7+C3)					
4) Wind	17.852	253.187			
6) SOLAR	8.075	175.337			
<b>TOTAL STATE</b>	<b>341.501</b>	<b>8486.730</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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6125	6154	5861	5691
MSPGCL Hydro	430	424	361	108
MSPGCL Gas	412	397	410	433
MSPGCL Total Generation	6968	6974	6632	6232
Central Sector Receipt	7652	7546	5896	5291
WIND	811	568	380	1172
CPP / IPP Thermal	5523	5519	5607	3856
CPP / IPP Gas	0	0	0	0
SOLAR	1071	1097	0	0
Exchange with Mumbai	-1323	-1409	-1222	-750
<b>MSEDCL DEMAND MET</b>	<b>20702</b>	<b>20296</b>	<b>17293</b>	<b>15802</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	20702	20296	17293	15802
TPCL GENERATION	1150	1065	1075	564
AEML GENERATION	424	374	374	373
<b>MUMBAI DEMAND</b>	<b>2897</b>	<b>2848</b>	<b>2671</b>	<b>1687</b>
STATE DEMAND MET	23598	23144	19964	17488
<b>STATE DEMAND</b>	<b>23598</b>	<b>23144</b>	<b>19964</b>	<b>17488</b>
Frequency (Hz)	50.03	49.94	49.98	49.99

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.7 Hz at 16.53 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 26/Feb/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	9.63	260.05	445	344
Unit 9	10.53	286.90	550	310
Unit 10	10.49	248.49	475	340
<b>Total</b>	<b>30.65</b>	<b>795.44</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	8.23	146.58	475	0
Unit 5	9.84	145.65	470	355
<b>Total</b>	<b>18.07</b>	<b>292.23</b>		
<b>Parli</b>				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	129.21	250	190
Unit 7	5.34	109.17	248	191
Unit 8	0.29	113.92	111	0
<b>Total</b>	<b>10.88</b>	<b>352.30</b>		
<b>Chandrapur</b>				
Unit 3	4.32	50.99	190	163
Unit 4	4.03	103.25	175	160
Unit 5	0.00	0.00	0	0
Unit 6	10.38	247.53	480	364
Unit 7	10.26	249.21	480	365
Unit 8	10.93	279.11	495	360
Unit 9	11.01	276.83	490	360
<b>Total</b>	<b>50.92</b>	<b>1206.91</b>		
<b>Paras</b>				
Unit 3	5.96	136.33	255	219
Unit 4	6.04	102.73	261	205
<b>Total</b>	<b>12.01</b>	<b>239.07</b>		
<b>Khaparkheda</b>				
Unit 1	4.09	105.63	185	145
Unit 2	4.31	104.24	190	160
Unit 3	4.68	116.15	200	158
Unit 4	4.59	113.35	195	160
Unit 5	0.17	243.81	100	0
<b>Total</b>	<b>17.84</b>	<b>683.18</b>		
<b>Nasik</b>				
Unit 3	0.00	25.27	0	0
Unit 4	4.00	80.45	193	157
Unit 5	0.00	0.00	0	0
<b>Total</b>	<b>4.00</b>	<b>105.72</b>		
<b>Uran</b>				
All Units	10.06	223.21	444	383
<b>Total</b>	<b>10.06</b>	<b>223.21</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)	0.06	5.88	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.06</b>	<b>5.88</b>		
<b>Koyna</b>				
Stage 1-2	3.34	83.91	405	40
Stage 4	0.93	75.80	633	0
Stage 3	0.89	34.93	80	0
<b>Total</b>	<b>5.16</b>	<b>194.64</b>		
<b>Hydro</b>				
KDPH	0.46	9.37	37	18
VTRNA	0.00	0.00	0	0
TILLARI	0.55	11.88	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.16	4.80	80	0
RNGR+BHTSA	0.32	8.86	14	13
BHANDARDRA	0.00	2.44	0	0
ELDARY	0.35	7.77	15	14
SMLHY_PTN	0.52	13.53	22	21
GHATGHAR	0.10	11.12	60	0
<b>Total</b>	<b>2.45</b>	<b>69.86</b>		
<b>Wind</b>				
Total	17.85	253.19	0	0
<b>Total</b>	<b>17.85</b>	<b>253.19</b>		
<b>CPP</b>				
APML(Mus)	70.50	1852.78	0	0
JSWEL(Mus)	23.30	595.53	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.74	231.88	0	0
WPCL(Mus)	2.61	76.81	0	0
Other(Mus)	16.32	418.33	0	0
<b>Total</b>	<b>122.47</b>	<b>3175.32</b>		
<b>SOLAR</b>				
Total	8.08	175.34	0	0
<b>Total</b>	<b>8.08</b>	<b>175.34</b>		
<b>Tata</b>				
Trombay 5	8.44	236.96	479	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	4.65	119	19
Trombay 7B	1.13	2.28	69	1
Trombay 8	4.61	126.86	241	171
TATA Hydro	4.56	106.65	421	2
<b>Total</b>	<b>21.32</b>	<b>477.40</b>		
<b>AEML</b>				
DTPS U-1&2	9.75	242.93	502	372
<b>Total</b>	<b>9.75</b>	<b>242.93</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.36	3674.85	MSPGCL Total	162.03	4162.55
			MSPGCL Thml+Gas	154.42	3898.06	Koyna 1,2 & 4 Total	4.27	159.71
			MSPGCL Hydro	7.61	264.49	State Total	341.50	8486.73

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 26/Feb/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	6063	178	433	6674	920	4368	0	0	5693	5496	-1059	16400	0	16400	1981	18380	49.97
2	5969	114	435	6518	1079	4397	0	0	5552	5150	-959	16186	0	16186	1847	18032	50.04
3	5553	114	444	6112	1185	4080	0	0	5456	5268	-820	15824	0	15824	1746	17570	50.00
4	5691	108	433	6232	1172	3856	0	0	5362	5291	-750	15802	0	15802	1687	17488	49.99
5	5980	124	435	6540	1149	4138	0	0	5342	5311	-739	16398	0	16398	1687	18086	49.98
6	6255	114	433	6802	1227	4472	0	0	5954	6169	-837	17832	0	17832	1785	19618	50.01
7	6580	736	444	7760	1217	4680	0	3	6061	5893	-729	18824	0	18824	1956	20780	49.95
8	6577	900	435	7912	1224	4891	0	134	6175	6304	-651	19814	0	19814	2117	21932	50.01
9	6522	272	429	7222	1395	5072	0	485	6629	6383	-843	19714	0	19714	2378	22092	50.03
10	5970	288	412	6670	1368	5119	0	753	6896	7048	-1212	19746	0	19746	2632	22378	50.00
11	5932	290	406	6628	1139	5444	0	972	7171	7268	-1357	20094	0	20094	2822	22916	50.01
12	6125	430	412	6968	811	5523	0	1071	7737	7652	-1323	20702	0	20702	2897	23598	50.03
13	6154	424	397	6974	568	5519	0	1097	7372	7546	-1409	20296	0	20296	2848	23144	49.94
14	6110	422	396	6928	359	5554	0	1062	7288	7618	-1429	20092	0	20092	2744	22836	49.99
15	6062	540	383	6986	249	5596	0	994	7377	7137	-1254	19708	0	19708	2816	22524	49.96
16	6035	480	393	6908	175	5684	0	799	7358	7642	-1192	20016	0	20016	2862	22878	50.00
17	6073	598	394	7064	143	5751	0	501	6730	6662	-1185	18936	0	18936	2852	21788	49.91
18	6170	306	414	6890	108	5644	0	198	6227	6469	-1187	18122	0	18122	2786	20908	50.00
19	6085	188	406	6678	190	5537	0	6	5774	5824	-1310	16926	0	16926	2704	19630	49.98
20	5861	361	410	6632	380	5607	0	0	5888	5896	-1222	17293	0	17293	2671	19964	49.98
21	5578	122	433	6133	401	5476	0	0	5737	5537	-1212	16335	0	16335	2547	18882	50.04
22	5681	106	416	6203	428	5383	0	0	5701	5449	-1152	16311	0	16311	2412	18723	50.02
23	5626	167	429	6222	462	5311	0	0	5600	5661	-1233	16423	0	16423	2310	18733	49.95
24	5706	225	442	6373	503	5369	0	0	5478	5172	-1160	16257	0	16257	2210	18467	50.05
<b>MUs</b>	<b>144.36</b>	<b>7.61</b>	<b>10.06</b>	<b>162.03</b>	<b>17.85</b>	<b>122.47</b>	<b>0.00</b>	<b>8.08</b>	<b>150.56</b>	<b>149.85</b>	<b>-26.22</b>	<b>434.05</b>	<b>0.00</b>	<b>434.05</b>	<b>57.30</b>	<b>491.35</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 26/Feb/2020**

Position as on 6.30 Hrs of 27/Feb/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	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
TPC-G	Trombay 7B	60	02/02/2020	00.16	26/02/2020	06.28	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	24/02/2020	22.25	26/02/2020	01.32	Annual 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	
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-1	270	08/02/2020	00.00	26/02/2020	03.50	Zero Schedule By MSEDCL	
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	Ghatghar Unit-2	125	18/02/2020	00.55	26/02/2020	10.50	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	Adani U-2	660	22/02/2020	21.42	26/02/2020	06.55	On Bellow Leakage.	
MSPGCL	Uran Unit 8	108	23/02/2020	01.03		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	24/02/2020	06.28	26/02/2020	22.04	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	24/02/2020	22.00	26/02/2020	20.55	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	26/02/2020	19.33	26/02/2020	22.59	Flame Failure	
MSPGCL	Paras Unit 3	250	27/02/2020	01.55	27/02/2020	05.34	Furnace Pressure High	

**State Load Despatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 26/Feb/2020**

**Statement-VII**

Position as on 6.30 Hrs of 27/Feb/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 II	InterState	25/02/2020	20.12	26/02/2020	06.01	HT	Over Voltage
Koradi Bhilai	InterState	26/02/2020	10.17	26/02/2020	18.41	PO	Line Maintenance work
Dhule Sar'Sarovar I	InterState	26/02/2020	18.09		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/02/2020	19.19	26/02/2020	06.18	HT	Over Voltage
Chandrapur - Parli	IntraState	26/02/2020	13.42	26/02/2020	16.31	EO	Earthwire Clamp Fixing work
Khadka-Aurangabad (Waluj)	IntraState	26/02/2020	18.06		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.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	26/02/2020	09.30	26/02/2020	14.55	PO	CB DCRM work
<b>220 KV LINE Outages/Trippings</b>							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule, Under Outage Replacement of Earth Wire.24.02.2020.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
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	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Nerul-Trombay	IntraState	26/02/2020	07.04	26/02/2020	08.10	PO	Removal of Jumper between Line CT to Aux. Bus Isolator
Chandrapur GCR - Cpur Rly Tss 2	IntraState	26/02/2020	07.33	26/02/2020	13.01	PO	Replacement of Nut Bolt and Tightning work
Ambazari-Kalmeshwar	IntraState	26/02/2020	14.16	26/02/2020	16.41	PO	Replacement of Faulty NT Switch
Khaparkheda-Kanhan	IntraState	26/02/2020	14.36	26/02/2020	21.52	PO	Replacement of Crimping Connector with wedge connector
Sonkhar - Trombay	IntraState	26/02/2020	16.15	26/02/2020	18.06	PO	Connection of Jumper between Line CT to Aux.Bus Isolator
<b>220 KV ICT Outages/Trippings</b>							
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	26/02/2020	09.16	26/02/2020	12.35	PO	Testing Work
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	26/02/2020	09.58	26/02/2020	17.30	PO	Routine Maintenance Work

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