

**State Load Despatch Center, Airoli (MSETCL) Statement I**  
**Daily system Report for 02/May/2019 THURSDAY**

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.569	276.092	1) Gujrat	0.043	-0.845
2) Hydro	37.296	62.477	2) Madhya Pradesh	13.662	25.700
3) Gas	6.904	13.791	3) Chattisgarh	4.090	8.210
<b>Total MSPGCL</b>	<b>181.769</b>	<b>352.360</b>	4) Maharashtra	123.774	240.185
B) 1) APLM	69.036	131.679	5) Goa (Amona)	-0.396	-0.836
2) JSWEL	19.589	38.779	<b>Total</b>	<b>141.173</b>	<b>272.414</b>
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.773	58.201
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	35.744	67.420
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	12.884	25.327
6) Other IPP	7.386	14.917	Include PX	-5.507	-11.759
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.773	58.201
C) 1) TPCL Thermal	12.173	24.529	Include PX	22.644	42.104
2) TPCL Hydro	4.568	5.766	Standby	0.000	0.000
3) TPCL Gas	4.320	8.665	<b>H) ENERGY CATERED (MUs)</b>		
4) AEML Thermal	8.938	17.905	1) MSEDCL	420.161	817.570
D) STATE			2) Mumbai Discoms	65.743	124.285
1) Thermal	254.691	503.901	<b>TOTAL STATE</b>	<b>485.904</b>	<b>941.855</b>
(A1+C1+C4+(B1-B6))					
2) Hydro	41.864	68.243			
(A2+C2)					
3) Gas	11.224	22.456			
(A3+B7+C3)					
4) Wind	30.079	60.840			
6) SOLAR	6.873	14.001			
<b>TOTAL STATE</b>	<b>344.731</b>	<b>669.441</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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5886	6041	5968	5132
MSPGCL Hydro	1865	1947	1565	1256
MSPGCL Gas	281	270	288	302
MSPGCL Total Generation	8032	8258	7821	6690
Central Sector Receipt	6363	6634	5910	5510
WIND	972	906	1541	1467
CPP / IPP Thermal	4147	4403	4001	3437
CPP / IPP Gas	0	0	0	0
SOLAR	920	588	0	0
Exchange with Mumbai	-1859	-1810	-1506	-1035
<b>MSEDCL DEMAND MET</b>	<b>18575</b>	<b>18979</b>	<b>17767</b>	<b>16069</b>
Load Shedding	0	0	0	0
MSEDCL DEMAND	18575	18979	17767	16069
TPCL GENERATION	1032	1071	1034	662
AEML GENERATION	371	371	375	372
<b>MUMBAI DEMAND</b>	<b>3262</b>	<b>3252</b>	<b>2915</b>	<b>2069</b>
STATE DEMAND MET	21837	22231	20682	18138
<b>STATE DEMAND</b>	<b>21837</b>	<b>22231</b>	<b>20682</b>	<b>18138</b>
Frequency (Hz)	50.03	49.95	50.06	50.06

**FREQUENCY PARTICULARS**

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 01.33 Hrs	49.77 Hz at 12.16 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 02/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Koradi</b>				
Unit 6	3.54	7.04	160	135
Unit 7	0.00	0.00	0	0
Unit 8	10.65	19.24	463	400
Unit 9	10.68	20.80	470	400
Unit 10	10.67	20.12	462	410
<b>Total</b>	<b>35.53</b>	<b>67.19</b>		
<b>Bhusawal</b>				
Unit 3	0.00	0.00	0	0
Unit 4	8.51	17.55	360	350
Unit 5	8.50	17.51	360	350
<b>Total</b>	<b>17.02</b>	<b>35.06</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	0.00	0	0
Unit 8	0.00	0.00	0	0
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Chandrapur</b>				
Unit 3	4.23	8.35	195	163
Unit 4	4.02	8.07	180	162
Unit 5	5.34	13.23	410	0
Unit 6	9.42	18.79	450	360
Unit 7	9.31	18.52	443	365
Unit 8	10.62	19.48	490	370
Unit 9	1.64	10.40	375	0
<b>Total</b>	<b>44.58</b>	<b>96.82</b>		
<b>Paras</b>				
Unit 3	5.03	7.71	231	190
Unit 4	5.68	10.90	256	200
<b>Total</b>	<b>10.70</b>	<b>18.61</b>		
<b>Khaparkhedda</b>				
Unit 1	0.00	0.00	0	0
Unit 2	3.38	6.98	160	100
Unit 3	3.81	7.64	161	148
Unit 4	3.72	7.56	160	140
Unit 5	10.96	20.51	500	375
<b>Total</b>	<b>21.87</b>	<b>42.70</b>		
<b>Nasik</b>				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	7.83	167	158
Unit 5	3.95	7.88	170	162
<b>Total</b>	<b>7.87</b>	<b>15.71</b>		
<b>Uran</b>				
All Units	6.90	13.79	303	270
<b>Total</b>	<b>6.90</b>	<b>13.79</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)	0.00	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
<b>Total</b>	<b>0.00</b>	<b>0.00</b>		
<b>Koyna</b>				
Stage 1-2	5.84	12.62	460	40
Stage 4	21.77	32.99	1006	667
Stage 3	6.38	10.77	320	140
<b>Total</b>	<b>33.98</b>	<b>56.37</b>		
<b>Hydro</b>				
KDPH	0.77	1.54	32	32
VTRNA	0.81	1.57	61	0
TILLARI	0.23	0.65	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	0.28	40	0
RNGR+BHTSA	0.26	0.52	11	10
BHANDARDRA	0.28	0.56	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	0.44	10	9
GHATGHAR	0.55	0.55	220	0
<b>Total</b>	<b>3.31</b>	<b>6.10</b>		
<b>Wind</b>				
Total	30.08	60.84	0	0
<b>Total</b>	<b>30.08</b>	<b>60.84</b>		
<b>CPP</b>				
APML(Mus)	69.04	131.68	0	0
JSWEL(Mus)	19.59	38.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.39	14.92	0	0
<b>Total</b>	<b>96.01</b>	<b>185.38</b>		
<b>SOLAR</b>				
Total	6.87	14.00	0	0
<b>Total</b>	<b>6.87</b>	<b>14.00</b>		
<b>Tata</b>				
Trombay 5	7.40	14.94	314	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	5.54	116	105
Trombay 7B	1.56	3.12	66	62
Trombay 8	4.78	9.58	200	198
TATA Hydro	4.57	5.77	383	0
<b>Total</b>	<b>21.06</b>	<b>38.96</b>		
<b>AEML</b>				
DTPS U-1&2	8.94	17.90	375	371
<b>Total</b>	<b>8.94</b>	<b>17.90</b>		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.57	276.09	MSPGCL Total	181.77	352.36
			MSPGCL Thml+Gas	144.47	289.88	Koyna 1,2 & 4 Total	27.60	45.60
			MSPGCL Hydro	37.30	62.48	State Total	344.73	669.44

# State Load Despatch Center, Airoli (MSETCL)

# Annexure-2

## Hourly Load Data As on 02/May/2019

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	5549	1790	289	7628	1479	3790	0	0	5077	5326	-1523	16700	0	16700	2586	19286	50.02
2	5576	1154	302	7032	1631	3700	0	0	5685	5537	-1358	16542	0	16542	2410	18952	50.09
3	5514	1410	291	7215	1402	3443	0	0	5298	5134	-1203	15991	0	15991	2256	18247	50.03
4	5514	1446	292	7252	1555	3396	0	0	5069	4921	-1081	16043	0	16043	2126	18169	49.97
5	5132	1256	302	6690	1467	3437	0	0	5466	5510	-1035	16069	0	16069	2069	18138	50.06
6	5426	952	292	6670	1335	3667	0	0	5859	6013	-1063	16622	0	16622	2095	18717	49.99
7	5459	1434	292	7185	1338	3776	0	41	5906	6038	-1040	17338	0	17338	2097	19435	50.02
8	5365	1602	303	7270	1036	3770	0	207	5927	6191	-1188	17286	0	17286	2249	19535	50.05
9	5333	1649	288	7270	985	3795	0	432	6098	6057	-1355	17184	0	17184	2565	19749	50.04
10	5683	1665	287	7635	953	3990	0	635	6319	6067	-1552	17728	0	17728	2920	20648	50.01
11	5847	1421	273	7541	959	4170	0	917	6558	6556	-1757	18386	0	18386	3170	21556	50.04
12	5886	1865	281	8032	972	4147	0	920	6623	6363	-1859	18575	0	18575	3262	21837	50.03
13	5912	1904	281	8097	870	4153	0	875	6678	6487	-1850	18632	0	18632	3240	21872	49.92
14	5831	1627	280	7738	974	4091	0	840	6619	6377	-1780	18240	0	18240	3138	21378	49.99
15	5982	1829	280	8091	977	4201	0	770	6732	6581	-1808	18812	0	18812	3205	22017	49.94
16	6041	1947	270	8258	906	4403	0	588	6469	6634	-1810	18979	0	18979	3252	22231	49.95
17	6032	1859	281	8172	1140	4437	0	421	6348	6049	-1787	18432	0	18432	3231	21663	50.02
18	5841	1592	284	7717	1319	4263	0	194	6172	6074	-1678	17889	0	17889	3125	21014	50.05
19	5759	1210	286	7255	1469	4006	0	33	5886	5833	-1547	17049	0	17049	2963	20012	50.02
20	5968	1565	288	7821	1541	4001	0	0	5783	5910	-1506	17767	0	17767	2915	20682	50.06
21	5905	1454	297	7656	1456	4196	0	0	5283	5374	-1475	17207	0	17207	2808	20015	50.01
22	5927	1823	288	8038	1367	4275	0	0	5070	5034	-1410	17304	0	17304	2681	19985	49.98
23	6050	1467	289	7806	1436	4457	0	0	5420	5403	-1500	17602	0	17602	2676	20278	50.01
24	6037	1375	288	7700	1512	4447	0	0	5772	5704	-1579	17784	0	17784	2704	20488	50.03
<b>MUs</b>	<b>137.57</b>	<b>37.30</b>	<b>6.90</b>	<b>181.77</b>	<b>30.08</b>	<b>96.01</b>	<b>0.00</b>	<b>6.87</b>	<b>142.12</b>	<b>141.17</b>	<b>-35.74</b>	<b>420.16</b>	<b>0.00</b>	<b>420.16</b>	<b>65.74</b>	<b>485.90</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 02/May/2019**

Position as on 6.30 Hrs of 03/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
<b>PLANNED OUTAGE</b>								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
<b>FORCED OUTAGE</b>								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
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	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22		Continued.	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	23/04/2019	20.32		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	JSW (J) U4	300	30/04/2019	11.03		Continued.	C.W.Duct Water Line Leakage	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
IPP	Dhariwal	300	01/05/2019	00.00		Continued.	No Schedule	

**State Load Despatch Center, Airoli (MSETCL)      Statement-VI**  
**Details of Generating Unit Outages/Trippings for 02/May/2019**

Position as on 6.30 Hrs of 03/May/2019

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	01/05/2019	20.56	02/05/2019	09.03	Turbine Aux. fault.	
MSPGCL	Chandrapur Unit 9	500	02/05/2019	03.59	02/05/2019	22.22	Flame Failure	

**State Load Despatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/May/2019**

**Statement-VII**

Position as on 6.30 Hrs of 03/May/2019

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	01/05/2019	07.58	02/05/2019	06.55	PO	Outage(58 charging code cancel) 70 code for open line for high voltage. (RFC 21.15)
Dhule Sar'Sarovar II	InterState	02/05/2019	08.45		Continued.	PO	Maintenance work (RFC 18.20).
Koradi Bhilai	InterState	02/05/2019	16.12	02/05/2019	17.05	T	Distance Protection, Koradi end-Z1, B-PH, 1.78KA, 172KM.
Khadka-Aurangabad (Waluj)	IntraState	30/04/2019	17.54	02/05/2019	10.56	HT	Over Voltage
Nagothane - Dabhol I	IntraState	02/05/2019	08.30	02/05/2019	20.50	PO	LE scheme for insulator string replacement.
Lonikand I - Koyna stage-IV	IntraState	02/05/2019	08.57	02/05/2019	12.46	PO	Replacement of faulty insulator string.
Chandrapur-II - Nanded ckt I	IntraState	02/05/2019	12.58	02/05/2019	07:00	T	Distance Protection, CH2 END-Z1, Y-E, 10KA, 28.6KM RFC(22.36).
Khadka-Aurangabad (Waluj)	IntraState	02/05/2019	17.15		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.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02		Continued.	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
<b>220 KV LINE Outages/Trippings</b>							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	02/05/2019	11.07	02/05/2019	16.33	PO	Attending CT oil leakage.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	02/05/2019	16.50	02/05/2019	17.22	T	Tripped on PDR.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet.86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Chandrapur(MIDC)-Ballarshah II	IntraState	02/05/2019	06.14	02/05/2019	11.59	PO	Providing additional pilot string at LOC no.01 to 08 on B-PH.
Halkarni-Mahalaxmiline	IntraState	02/05/2019	09.03	02/05/2019	17.38	PO	Insulator cleaning work & replacement of flash over insulator.
Sahara-Urse	IntraState	02/05/2019	10.01	02/05/2019	16.44	HT	Load management for outage on talegaon PG.
Hinjawadi I- Chinchwad	IntraState	02/05/2019	10.05	02/05/2019	15.49	HT	Load management for outage on talegaon PG.
Bhosari- Bhosari 2	IntraState	02/05/2019	10.55	02/05/2019	12.17	PO	CB timing.
Kalmeshwar-Pandhurna	IntraState	02/05/2019	11.42	02/05/2019	20.29	EO	Restraining to attend SAG in line.
New Koyna - Loteparshuram	IntraState	02/05/2019	15.16	02/05/2019	16.13	T	Distance Protection
Sahara-Urse	IntraState	02/05/2019	17.09	02/05/2019	17.20	T	Tripped on overloading-LTS operated.
Kharghar-Borivali ckt I	IntraState	03/05/2019	02.38		Continued.	T	Distance Protection, Z1, Y PH, 7.64KA, 25.2KM, from Kharghar , 22.39KA, 12.8 KM from Borivali.
<b>220 KV ICT Outages/Trippings</b>							
220/100 Kv 200 MVA ICT-II @ Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.

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 02/May/2019**

**Statement-VII**

Position as on 6.30 Hrs of 03/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	02/05/2019	09.00	02/05/2019	17.50	PO	Testing Work
220/22 Kv 50 Mva Ptr 1 @Chakan	IntraState	02/05/2019	09.06	02/05/2019	15.28	PO	Testing Work
220/33kv 100 Mva Transformer 1 @Ghodbunder R/S	IntraState	02/05/2019	10.48	02/05/2019	12.46	PO	To release air after filtration.
220/33kV 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	02/05/2019	15.03	02/05/2019	17.30	PO	To release air after filtration.
<b>132 KV LINE Outages/Trippings</b>							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Achalpur-Anjangaon	IntraState	02/05/2019	15.33	02/05/2019	18.01	T	Achlpr-->Distance Protection, R,Y PH, Z1, IR=2.38KA, IY=2.45KA, 13.7KM. AJNGN--> R, Y PH A1, 8.4KM. IR=3.15KA. IY=3.08KA.