

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/May/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.243	4008.896	1) Gujrat	-1.314	19.018
2) Hydro	8.403	896.767	2) Madhya Pradesh	7.510	264.144
3) Gas	5.935	171.793	3) Chattisgarh	3.240	100.840
Total MSPGCL	173.581	5077.456	4) Maharashtra	125.460	3022.858
B) 1) APLM	60.825	1790.646	5) Goa (Amona)	-0.132	-11.220
2) JSWEL	23.821	617.730	Total	134.764	3395.640
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.342	732.263
4) RPL(AMT)	26.802	142.002	b) Mumbai Drawl	28.621	840.799
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.843	345.639
6) Other IPP	6.796	200.383	Include PX	-0.155	-158.603
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.342	732.263
C) 1) TPCL Thermal	13.943	352.692	Include PX	11.496	410.028
2) TPCL Hydro	0.950	113.298	Standby	0.000	0.000
3) TPCL Gas	4.339	112.276	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.922	258.108	1) MSEDCL	429.678	11191.047
D) STATE			2) Mumbai Discoms	57.775	1677.171
1) Thermal	301.352	7370.457	TOTAL STATE	487.453	12868.218
(A1+C1+C4+(B1-B6))					
2) Hydro	9.353	1010.065			
(A2+C2)					
3) Gas	10.274	284.069			
(A3+B7+C3)					
4) Wind	24.701	625.196			
6) SOLAR	7.009	182.793			
TOTAL STATE	352.689	9472.580			

* 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 8 Hrs
MSPGCL Thermal	6465	6913	6415	6620
MSPGCL Hydro	352	165	356	154
MSPGCL Gas	271	271	128	290
MSPGCL Total Generation	7088	7349	6899	7064
Central Sector Receipt	5581	5944	5828	5512
WIND	633	786	1649	916
CPP / IPP Thermal	5174	5142	4338	4935
CPP / IPP Gas	0	0	0	0
SOLAR	892	612	0	239
Exchange with Mumbai	-1186	-1221	-1269	-905
MSEDCL DEMAND MET	18182	18612	17445	17761
Load Shedding	0	0	9	0
MSEDCL DEMAND	18182	18612	17454	17761
TPCL GENERATION	775	819	828	797
AEML GENERATION	403	483	374	410
MUMBAI DEMAND	2364	2523	2471	2112
STATE DEMAND MET	20546	21135	19916	19873
STATE DEMAND	20546	21135	19925	19873
Frequency (Hz)	49.96	50.03	50.02	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.03 Hrs	49.86 Hz at 22.12 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 26/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.80	59.66	190	140
Unit 7	0.00	0.00	0	0
Unit 8	9.08	262.24	430	240
Unit 9	11.34	244.40	525	410
Unit 10	9.78	274.90	551	300
Total	34.00	841.19		
Bhusawal				
Unit 3	0.29	0.29	106	0
Unit 4	11.18	229.28	505	350
Unit 5	11.16	275.72	500	350
Total	22.62	505.29		
Parli				
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.61	99.92	195	165
Unit 4	4.01	107.28	176	138
Unit 5	9.68	189.84	420	365
Unit 6	10.83	271.68	465	390
Unit 7	9.59	253.38	426	322
Unit 8	10.44	280.89	465	380
Unit 9	4.42	245.51	470	0
Total	53.57	1448.51		
Paras				
Unit 3	6.07	151.50	259	220
Unit 4	5.91	150.50	250	220
Total	11.98	302.01		
Khaparkheda				
Unit 1	3.31	74.18	145	130
Unit 2	2.84	85.86	140	100
Unit 3	3.30	92.44	148	130
Unit 4	3.32	92.50	149	130
Unit 5	11.07	286.43	490	400
Total	23.84	631.41		
Nasik				
Unit 3	4.35	56.18	200	162
Unit 4	4.52	113.58	210	160
Unit 5	4.36	110.75	200	162
Total	13.23	280.50		
Uran				
All Units	5.94	171.79	301	128
Total	5.94	171.79		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	1.20	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.20		
Koyna				
Stage 1-2	2.82	171.85	310	40
Stage 4	1.59	493.26	838	0
Stage 3	1.46	146.40	222	0
Total	5.87	811.50		
Hydro				
KDPH	0.48	16.52	20	20
VTRNA	1.15	21.96	61	0
TILLARI	0.20	6.97	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	6.06	40	0
RNGR+BHTSA	0.23	6.34	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	7.75	17	16
GHATGHAR	0.00	17.31	0	0
Total	2.54	85.26		
Wind				
Total	24.70	625.20	0	0
Total	24.70	625.20		
CPP				
APML(Mus)	60.82	1790.65	0	0
JSWEL(Mus)	23.82	617.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.80	142.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.80	200.38	0	0
Total	118.24	2750.76		
SOLAR				
Total	7.01	182.79	0	0
Total	7.01	182.79		
Tata				
Trombay 5	8.96	233.66	484	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	71.58	116	114
Trombay 7B	1.57	40.70	66	65
Trombay 8	4.98	119.03	225	198
TATA Hydro	0.95	113.30	136	0
Total	19.23	578.27		
AEML				
DTPS U-1&2	9.92	258.11	498	373
Total	9.92	258.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.24	4008.90	MSPGCL Total	173.58	5077.46
			MSPGCL Thml+Gas	165.18	4180.69	Koyna 1,2 & 4 Total	4.40	665.11
			MSPGCL Hydro	8.40	896.77	State Total	352.69	9472.58

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/May/2019

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6679	1126	251	8056	1113	5303	0	0	5466	5388	-1374	18486	0	18486	2760	21246	49.98
2	6637	877	289	7803	1138	5180	0	0	5475	5295	-1191	18225	0	18225	2577	20802	50.02
3	6643	516	288	7447	1041	4978	0	0	5637	5659	-1056	18069	0	18069	2406	20475	50.00
4	6596	462	289	7347	1149	4938	0	0	5555	5557	-1068	17923	0	17923	2274	20197	50.04
5	6752	352	290	7394	1051	4954	0	0	5515	5571	-1082	17888	0	17888	2222	20110	50.03
6	6726	622	291	7639	976	5129	0	0	5536	5632	-931	18445	0	18445	2235	20680	50.02
7	6771	511	301	7583	1008	5211	0	49	5670	5484	-761	18574	0	18574	2143	20717	50.02
8	6620	154	290	7064	916	4935	0	239	5640	5512	-905	17761	0	17761	2112	19873	50.09
9	6231	181	287	6699	1013	4853	0	489	5573	5521	-1077	17498	0	17498	2142	19640	50.06
10	6202	232	286	6720	779	4833	0	684	5453	5600	-1136	17480	0	17480	2211	19691	50.00
11	6473	300	282	7055	611	4876	0	843	5681	5793	-1206	17972	0	17972	2300	20272	50.03
12	6465	352	271	7088	633	5174	0	892	5813	5581	-1186	18182	0	18182	2364	20546	49.96
13	6615	112	279	7006	596	5156	0	933	5853	5719	-1022	18388	0	18388	2405	20793	49.97
14	6701	119	262	7082	600	4929	0	871	5882	5905	-1157	18230	0	18230	2421	20651	50.00
15	6800	374	254	7428	651	5029	0	768	6022	5989	-1301	18564	0	18564	2475	21039	49.99
16	6913	165	271	7349	786	5142	0	612	6109	5944	-1221	18612	0	18612	2523	21135	50.03
17	6950	155	272	7377	1179	4869	0	426	5766	5833	-1303	18381	9	18390	2460	20850	50.03
18	6689	145	283	7117	1549	4685	0	177	5625	5183	-1239	17472	9	17481	2388	19869	50.05
19	6102	175	226	6503	1793	4259	0	26	5300	4872	-1217	16236	9	16245	2358	18603	50.04
20	6415	356	128	6899	1649	4338	0	0	5163	5828	-1269	17445	9	17454	2471	19925	50.02
21	6567	407	138	7112	1260	4576	0	0	5329	5572	-1336	17184	9	17193	2539	19732	50.03
22	6777	330	139	7246	1137	4928	0	0	5452	5368	-1380	17299	9	17308	2569	19877	50.02
23	6946	145	129	7220	1059	5060	0	0	5811	5814	-1521	17632	9	17641	2643	20284	49.94
24	6973	235	139	7347	1014	4909	0	0	5900	6144	-1682	17732	9	17741	2777	20518	49.98
MUs	159.24	8.40	5.93	173.58	24.70	118.24	0.00	7.01	135.23	134.76	-28.62	429.68	0.07	429.75	57.77	487.52	50.01

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/May/2019

Position as on 6.30 Hrs of 27/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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)	
FORCED OUTAGE								
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	
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	26/05/2019	00.10	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	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 9	500	24/05/2019	15.22	26/05/2019	11.46	Excitation Failure.	
IPP	Adani U-2	660	24/05/2019	17.31		Continued.	Hot PA Bellow Leakage.	
MSPGCL	Bhusawal Unit 3	210	26/05/2019	04.39		Continued.	TURBINE BAREING HIGH VIBARATION.	
MSPGCL	Uran Unit 6	108	26/05/2019	18.43	27/05/2019	00.26	Damper Discrepancy protection	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/May/2019

Statement-VII

Position as on 6.30 Hrs of 27/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
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	17/05/2019	13.39		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	22/05/2019	01.36	26/05/2019	19.49	T	Distance Protection,Zone 1 32.4km R PH 06.07KA
Khadka-Aurangabad (Waluj)	IntraState	25/05/2019	19.30		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	23/05/2019	08.36	26/05/2019	19.55	HT	H/T To avoid overloading of kalwa -padghe d/c
400/220KV 500MVA ICT-II@Taptitanda	IntraState	26/05/2019	01.22	26/05/2019	02.12	T	R-PHASE OLTC BUCHLOZ PROTECTION.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Solapur (Pg) South Solapur I	InterState	26/05/2019	00.58	26/05/2019	16.25	HT	HOT SPOT ON Y-PHASE CONDUCTOR.
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.
BOISAR BORIVALI	IntraState	25/05/2019	10.46		Continued.	PO	Construction Work.
Chakan (400kv)-Bridgestone	IntraState	26/05/2019	08.01	26/05/2019	21.28	PO	Construction work of Bunching of line.
TPC Borivali Aarey Line 1	IntraState	26/05/2019	08.17	26/05/2019	17.25	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	22/05/2019	10.00		Continued.	PO	OLTC Overhauling work
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	23/05/2019	09.15		Continued.	T	R PH LA Replacement.

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