

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/May/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.328	694.253	1) Gujrat	0.716	-3.792
2) Hydro	37.324	176.391	2) Madhya Pradesh	12.995	64.290
3) Gas	6.886	34.513	3) Chattisgarh	5.000	24.670
Total MSPGCL	184.538	905.157	4) Maharashtra	121.721	612.572
B) 1) APMIL	71.795	332.015	5) Goa (Amona)	-0.418	-2.288
2) JSWEL	20.434	97.601	Total	140.014	695.452
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.454	142.574
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.790	166.348
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.877	77.562
6) Other IPP	6.585	35.212	Include PX	-0.661	-13.005
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.454	142.574
C) 1) TPCL Thermal	12.356	61.451	Include PX	16.406	99.373
2) TPCL Hydro	0.558	14.576	Standby	0.000	0.000
3) TPCL Gas	4.382	21.571	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.101	45.159	1) MSEDCL	419.752	2078.919
D) STATE			2) Mumbai Discoms	56.177	309.092
1) Thermal	260.599	1265.691	TOTAL STATE	475.929	2388.011
(A1+C1+C4+(B1-B6))					
2) Hydro	37.882	190.967			
(A2+C2)					
3) Gas	11.268	56.084			
(A3+B7+C3)					
4) Wind	19.025	143.967			
6) SOLAR	7.151	35.863			
TOTAL STATE	335.925	1692.572			

* 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 8 Hrs
MSPGCL Thermal	5882	5873	5361	5955
MSPGCL Hydro	1643	1800	1639	856
MSPGCL Gas	281	280	284	302
MSPGCL Total Generation	7806	7953	7284	7113
Central Sector Receipt	6055	6159	6235	5839
WIND	517	501	978	743
CPP / IPP Thermal	4115	4157	3817	4313
CPP / IPP Gas	0	0	0	0
SOLAR	933	941	0	251
Exchange with Mumbai	-1305	-1318	-1217	-976
MSEDCL DEMAND MET	18121	18393	17097	17283
Load Shedding	0	0	0	0
MSEDCL DEMAND	18121	18393	17097	17283
TPCL GENERATION	694	695	846	710
AEML GENERATION	373	374	374	375
MUMBAI DEMAND	2372	2387	2437	2061
STATE DEMAND MET	20493	20780	19534	19344
STATE DEMAND	20493	20780	19534	19344
Frequency (Hz)	50.02	50.00	49.98	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 14.02 Hrs	49.8 Hz at 19.15 Hrs	50	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 05/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	9.99	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.19	49.36	466	307
Unit 9	11.34	51.88	557	458
Unit 10	10.20	49.03	470	332
Total	31.73	160.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.16	44.62	495	350
Unit 5	9.14	44.46	495	355
Total	18.30	89.08		
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	0.00	15.26	0	0
Unit 4	4.19	20.41	180	162
Unit 5	0.00	23.11	0	0
Unit 6	10.02	47.95	460	370
Unit 7	9.66	46.76	444	360
Unit 8	11.34	51.00	480	360
Unit 9	10.74	40.24	480	365
Total	45.95	244.72		
Paras				
Unit 3	6.00	24.20	256	208
Unit 4	5.87	27.66	250	205
Total	11.87	51.86		
Khaparkheda				
Unit 1	3.51	4.14	160	120
Unit 2	3.18	16.97	140	110
Unit 3	3.84	18.84	165	155
Unit 4	3.68	18.72	160	145
Unit 5	10.30	50.18	470	360
Total	24.50	108.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	19.69	198	160
Unit 5	3.99	19.78	185	160
Total	7.97	39.48		
Uran				
All Units	6.89	34.51	302	270
Total	6.89	34.51		
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)	0.07	0.20	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.20		
Koyna				
Stage 1-2	7.33	33.56	500	75
Stage 4	21.28	98.30	1000	474
Stage 3	5.87	28.91	320	212
Total	34.48	160.77		
Hydro				
KDPH	0.73	3.76	31	30
VTRNA	0.72	3.92	60	0
TILLARI	0.54	2.20	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	0.76	40	0
RNGR+BHTSA	0.26	1.29	11	10
BHANDARDRA	0.24	1.29	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	1.14	11	10
GHATGHAR	0.00	1.27	0	0
Total	2.85	15.62		
Wind				
Total	19.02	143.97	0	0
Total	19.02	143.97		
CPP				
APML(Mus)	71.80	332.02	0	0
JSWEL(Mus)	20.43	97.60	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)	6.58	35.21	0	0
Total	98.81	464.83		
SOLAR				
Total	7.15	35.86	0	0
Total	7.15	35.86		
Tata				
Trombay 5	7.54	37.50	413	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	13.74	117	116
Trombay 7B	1.59	7.83	67	66
Trombay 8	4.81	23.95	222	198
TATA Hydro	0.56	14.58	165	0
Total	17.30	97.60		
AEML				
DTPS U-1&2	9.10	45.16	478	372
Total	9.10	45.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.33	694.25	MSPGCL Total	184.54	905.16
			MSPGCL Thml+Gas	147.21	728.77	Koyna 1,2 & 4 Total	28.61	131.86
			MSPGCL Hydro	37.32	176.39	State Total	335.92	1692.57

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 05/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	5943	1420	290	7653	1288	4189	0	0	6169	5930	-1500	17560	0	17560	2615	20175	50.03
2	5769	1651	301	7721	1108	4213	0	0	5985	6153	-1375	17820	0	17820	2443	20263	50.04
3	5759	1736	290	7785	1263	4201	0	0	5874	5551	-1220	17580	0	17580	2292	19872	49.97
4	5684	1612	292	7588	1046	4113	0	0	5753	5572	-1109	17210	0	17210	2179	19389	50.03
5	5638	1662	300	7600	946	4119	0	0	5675	5615	-1048	17232	0	17232	2119	19351	50.02
6	5990	1731	292	8013	940	4165	0	0	5801	5514	-1003	17629	0	17629	2128	19757	49.91
7	6332	1271	293	7896	778	4372	0	50	6045	5643	-776	17963	0	17963	2071	20034	50.02
8	5955	856	302	7113	743	4313	0	251	5976	5839	-976	17283	0	17283	2061	19344	50.03
9	5802	1295	288	7385	557	4244	0	508	5798	5669	-1053	17310	0	17310	2124	19434	50.00
10	5782	1558	287	7627	565	3955	0	732	5853	6476	-1136	18219	0	18219	2213	20432	50.04
11	5784	1627	282	7693	538	3936	0	861	5913	5846	-1244	17630	0	17630	2312	19942	49.99
12	5882	1643	281	7806	517	4115	0	933	6151	6055	-1305	18121	0	18121	2372	20493	50.02
13	5873	1800	280	7953	501	4157	0	941	6019	6159	-1318	18393	0	18393	2387	20780	50.00
14	5699	1603	270	7572	578	4065	0	919	5977	5955	-1307	17782	0	17782	2376	20158	50.03
15	5912	1789	280	7981	563	4218	0	768	6060	6145	-1263	18412	0	18412	2321	20733	50.05
16	6159	1301	279	7739	608	4378	0	607	6384	6290	-1381	18241	0	18241	2438	20679	49.96
17	5957	1619	281	7857	657	4322	0	394	6057	5894	-1344	17780	0	17780	2402	20182	49.99
18	5861	1623	282	7766	744	4176	0	169	5840	5493	-1275	17073	0	17073	2343	19416	50.00
19	5740	926	284	6950	841	4126	0	18	5787	5522	-1248	16209	0	16209	2317	18526	49.97
20	5361	1639	284	7284	978	3817	0	0	5746	6235	-1217	17097	0	17097	2437	19534	49.98
21	5753	1756	286	7795	980	3634	0	0	5652	5341	-1306	16444	0	16444	2490	18934	49.97
22	5825	1860	286	7971	750	3687	0	0	5570	5579	-1324	16663	0	16663	2517	19180	49.91
23	5910	1747	288	7945	757	4091	0	0	5742	5618	-1472	16939	0	16939	2573	19512	49.99
24	5958	1599	288	7845	779	4208	0	0	6138	5920	-1590	17162	0	17162	2657	19819	50.03
MUs	140.33	37.32	6.89	184.54	19.02	98.81	0.00	7.15	141.97	140.01	-29.79	419.75	0.00	419.75	56.19	475.94	50.00

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 05/May/2019

Position as on 6.30 Hrs of 06/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 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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	JSW (J) U4	300	30/04/2019	11.03	05/05/2019	04.00	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	
MSPGCL	Koradi Unit 6	210	03/05/2019	19.08		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/May/2019

Position as on 6.30 Hrs of 06/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	04/05/2019	02.54		Continued.	Air pre heater.	
MSPGCL	Chandrapur Unit 3	210	04/05/2019	15.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2019

Statement-VII

Position as on 6.30 Hrs of 06/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 II	InterState	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Khadka-Aurangabad (Waluj)	IntraState	03/05/2019	17.58	06/05/2019	12.08	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	06/05/2019	09.34	06/05/2019	16.20	EO	To attend Hot Spot(Shifted on TBC)
Alkud-Kolhapur(Talandage)	IntraState	06/05/2019	10.31	06/05/2019	14.34	PO	Quarterly Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	06/05/2019	18.12		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 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.
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	06/05/2019	09.20	06/05/2019	17.09	PO	Quarterly Maintenance Work
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	06/05/2019	09.50	06/05/2019	15.51	PO	Testing Work
400/220KV 500MVA ICT1@koradi 2	IntraState	06/05/2019	16.24	06/05/2019	18.23	EO	To attend Hot Spot
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.
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.
Chakan (400kv)-Volskwagon	IntraState	05/05/2019	05.15	05/05/2019	20.03	PO	Working Of Conductor Stringing.
Salsette - Sahara	IntraState	05/05/2019	07.00	06/05/2019	06.15	PO	Shifted Of PH A Conductor To Upper PH Conductor.
TATA Tie I	IntraState	05/05/2019	08.55	05/05/2019	17.27	PO	Conductor Clearance Improvement Between A&B Phase.
Tambati - Adlabs	IntraState	06/05/2019	00.57	06/05/2019	20.30	HT	Due to CT Flumes
Kandalgaon - ONGC Panvel	IntraState	06/05/2019	08.32	06/05/2019	16.13	PO	Y Phase CT Replacement work
New Koyna - Niwali	IntraState	06/05/2019	09.05	06/05/2019	19.55	HT	Bus Outage at Niwali
MALEGAON - KALWAN CKT-1	IntraState	06/05/2019	09.37	06/05/2019	13.28	PO	Restrining of Conductor
MALEGAON - KALWAN CKT-2	IntraState	06/05/2019	13.35	06/05/2019	19.13	PO	Restrining of Conductor
Nanded-Waghale II	IntraState	06/05/2019	14.13	06/05/2019	15.03	T	Bus Bar Protection Operated
Nanded-Waghale I	IntraState	06/05/2019	14.13	06/05/2019	15.03	T	Bus Bar Protection Operated
Nanded-Parbhani	IntraState	06/05/2019	14.13		Continued.	T	Bus Bar Protection Operated(Declared Faulty)
Nanded-Ghatodi	IntraState	06/05/2019	14.13	06/05/2019	15.40	T	Bus Bar Protection Operated
Taloja II - OCIL-I	IntraState	06/05/2019	14.45	06/05/2019	15.48	PO	Disconnect faulty check Meter
Taloja li - OCIL-II	IntraState	06/05/2019	16.08	06/05/2019	16.49	PO	Check Meter replacement
Nandedcity-Parvati	IntraState	06/05/2019	17.59	06/05/2019	19.10	PO	Removal Bird Nest
220 KV ICT Outages/Trippings							

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 05/May/2019

Statement-VII

Position as on 6.30 Hrs of 06/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	05/05/2019	06.20	05/05/2019	09.10	PO	Differential protection
220/132 Kv 200 Mva Bbl Ict 1 @Waghala Nanded	IntraState	06/05/2019	14.13	06/05/2019	15.06	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	06/05/2019	14.13	06/05/2019	15.08	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Emco Ict 3 @Waghala Nanded	IntraState	06/05/2019	14.13	06/05/2019	15.08	T	Bus Bar Protection Operated
220/132Kv 200MVA ICT-I @ Akola	IntraState	06/05/2019	14.42	06/05/2019	16.00	PO	Pre-Monsoon work
132 KV LINE Outages/Trippings							
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.

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