

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/May/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	164.548	4173.444	1) Gujrat	-1.096	17.922
2) Hydro	14.792	911.559	2) Madhya Pradesh	9.469	273.613
3) Gas	6.360	178.153	3) Chattisgarh	3.740	104.580
Total MSPGCL	185.700	5263.156	4) Maharashtra	125.222	3148.080
B) 1) APLM	62.139	1852.785	5) Goa (Amona)	-0.418	-11.638
2) JSWEL	25.895	643.625	Total	136.917	3532.557
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.479	763.742
4) RPL(AMT)	28.911	170.913	b) Mumbai Drawl	36.509	877.308
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.794	364.433
6) Other IPP	7.454	207.837	Include PX	-1.637	-160.241
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.479	763.742
C) 1) TPCL Thermal	14.675	367.367	Include PX	17.049	427.077
2) TPCL Hydro	3.253	116.551	Standby	0.000	0.000
3) TPCL Gas	4.134	116.410	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.496	268.604	1) MSEDCL	440.423	11631.470
D) STATE			2) Mumbai Discoms	69.067	1746.238
1) Thermal	314.118	7684.575	TOTAL STATE	509.490	13377.708
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.045	1028.110			
3) Gas (A3+B7+C3)	10.494	294.563			
4) Wind	23.131	648.327			
6) SOLAR	6.785	189.578			
TOTAL STATE	372.573	9845.153			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7085	6788	6618	6664
MSPGCL Hydro	562	1636	700	314
MSPGCL Gas	251	277	286	288
MSPGCL Total Generation	7898	8701	7604	7266
Central Sector Receipt	6204	5991	5142	5057
WIND	635	611	1336	1310
CPP / IPP Thermal	5244	5258	5406	4831
CPP / IPP Gas	0	0	0	0
SOLAR	872	585	0	0
Exchange with Mumbai	-1812	-1796	-1306	-1272
MSEDCL DEMAND MET	19041	19350	18182	17192
Load Shedding	0	0	0	0
MSEDCL DEMAND	19041	19350	18182	17192
TPCL GENERATION	1074	1157	1106	628
AEML GENERATION	497	496	499	374
MUMBAI DEMAND	3383	3449	2911	2274
STATE DEMAND MET	22424	22799	21093	19466
STATE DEMAND	22424	22799	21093	19466
Frequency (Hz)	49.94	49.88	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 22.01 Hrs	49.72 Hz at 16.18 Hrs	49.96	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 27/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	63.52	175	140
Unit 7	0.00	0.00	0	0
Unit 8	9.87	272.10	440	360
Unit 9	10.13	254.53	493	320
Unit 10	11.87	286.77	521	460
Total	35.73	876.92		
Bhusawal				
Unit 3	0.00	0.29	0	0
Unit 4	8.26	237.53	505	0
Unit 5	11.32	287.05	505	360
Total	19.58	524.87		
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	4.62	104.53	194	190
Unit 4	4.16	111.44	176	172
Unit 5	8.92	198.76	413	355
Unit 6	10.76	282.44	455	440
Unit 7	8.65	262.04	419	267
Unit 8	11.00	291.89	465	440
Unit 9	10.96	256.48	470	408
Total	59.07	1507.58		
Paras				
Unit 3	6.11	157.61	259	250
Unit 4	5.70	156.21	257	220
Total	11.82	313.82		
Khaparkheda				
Unit 1	3.32	77.51	145	125
Unit 2	3.28	89.14	140	115
Unit 3	3.36	95.80	150	133
Unit 4	3.39	95.89	145	140
Unit 5	11.30	297.73	500	450
Total	24.67	656.08		
Nasik				
Unit 3	4.51	60.69	200	163
Unit 4	4.71	118.29	210	160
Unit 5	4.46	115.20	195	163
Total	13.68	294.18		
Uran				
All Units	6.36	178.15	289	165
Total	6.36	178.15		
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	5.53	177.38	515	40
Stage 4	4.17	497.42	951	0
Stage 3	2.08	148.48	232	0
Total	11.78	823.28		
Hydro				
KDPH	0.44	16.96	20	10
VTRNA	0.97	22.92	61	0
TILLARI	0.24	7.21	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	6.24	40	0
RNGR+BHTSA	0.23	6.58	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	7.97	10	9
GHATGHAR	0.74	18.04	125	0
Total	3.01	88.28		
Wind				
Total	23.13	648.33	0	0
Total	23.13	648.33		
CPP				
APML(Mus)	62.14	1852.78	0	0
JSWEL(Mus)	25.90	643.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.91	170.91	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.45	207.84	0	0
Total	124.40	2875.16		
SOLAR				
Total	6.78	189.58	0	0
Total	6.78	189.58		
Tata				
Trombay 5	9.56	243.22	484	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	74.19	117	73
Trombay 7B	1.52	42.22	66	52
Trombay 8	5.11	124.15	232	197
TATA Hydro	3.25	116.55	284	67
Total	22.06	600.33		
AEML				
DTPS U-1&2	10.50	268.60	499	374
Total	10.50	268.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	164.55	4173.44	MSPGCL Total	185.70	5263.16
			MSPGCL Thml+Gas	170.91	4351.60	Koyna 1,2 & 4 Total	9.70	674.80
			MSPGCL Hydro	14.79	911.56	State Total	372.57	9845.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/May/2019

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	7192	249	165	7606	924	5232	0	0	5816	5780	-1628	17914	0	17914	2727	20641	49.95
2	7171	106	207	7484	1123	5246	0	0	5672	5495	-1389	17959	0	17959	2560	20519	50.02
3	6901	134	249	7284	1226	4882	0	0	5505	5332	-1362	17362	0	17362	2404	19766	49.99
4	6664	314	288	7266	1310	4831	0	0	5175	5057	-1272	17192	0	17192	2274	19466	50.01
5	6716	93	289	7098	1185	4808	0	0	5392	5555	-1230	17416	0	17416	2235	19651	50.01
6	7086	168	289	7543	1179	5004	0	0	5578	5697	-1260	18163	0	18163	2263	20426	50.03
7	7054	177	288	7519	1071	5182	0	56	5677	5394	-1181	18041	0	18041	2228	20269	50.00
8	6704	264	284	7252	974	4936	0	259	5589	5863	-1299	17985	0	17985	2363	20348	49.97
9	6777	463	235	7475	969	4965	0	474	5617	5742	-1531	18094	0	18094	2663	20757	50.00
10	7071	410	241	7722	741	5133	0	679	6124	5828	-1818	18285	0	18285	3016	21301	49.97
11	7081	416	241	7738	638	5195	0	812	6246	6320	-1927	18776	0	18776	3269	22045	49.97
12	7085	562	251	7898	635	5244	0	872	6325	6204	-1812	19041	0	19041	3383	22424	49.94
13	7069	796	256	8121	556	5255	0	895	6408	6269	-1753	19343	0	19343	3371	22714	49.88
14	7066	469	268	7803	581	5249	0	864	6292	6444	-1706	19235	0	19235	3297	22532	49.96
15	7109	928	277	8314	609	5239	0	732	6267	6237	-1750	19381	0	19381	3402	22783	49.92
16	6788	1636	277	8701	611	5258	0	585	6258	5991	-1796	19350	0	19350	3449	22799	49.88
17	6578	1588	268	8434	891	5386	0	373	6046	5875	-1721	19238	0	19238	3363	22601	49.83
18	6526	1356	281	8163	949	5390	0	159	5931	5845	-1605	18901	0	18901	3225	22126	49.98
19	6341	504	282	7127	1136	5038	0	25	5899	6006	-1478	17854	0	17854	3005	20859	49.98
20	6445	1004	283	7732	1218	5243	0	0	5354	5135	-1454	17874	0	17874	2940	20814	50.00
21	6618	700	286	7604	1336	5406	0	0	5153	5142	-1306	18182	0	18182	2911	21093	49.98
22	6686	712	285	7683	1181	5433	0	0	5032	5223	-1307	18213	0	18213	2860	21073	49.97
23	6827	954	284	8065	1044	5443	0	0	5164	5212	-1435	18329	0	18329	2903	21232	49.89
24	6993	789	286	8068	1044	5401	0	0	5521	5271	-1489	18295	0	18295	2956	21251	49.90
MUs	164.55	14.79	6.36	185.70	23.13	124.40	0.00	6.79	138.04	136.92	-36.51	440.42	0.00	440.42	69.07	509.49	49.96

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 27/May/2019

Position as on 6.30 Hrs of 28/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 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.	
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.	
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	
IPP	Adani U-2	660	24/05/2019	17.31	28/05/2019	06.31	Hot PA Bellow Leakage.	
MSPGCL	Bhusawal Unit 3	210	26/05/2019	04.39	28/05/2019	02.45	TURBINE BAREING HIGH VIBARATION.	
MSPGCL	Uran Unit 6	108	26/05/2019	18.43	27/05/2019	00.26	Damper Discrepancy protection	
MSPGCL	Bhusawal Unit 4	500	27/05/2019	15.16	27/05/2019	20.07	Generator Bushing Flow Low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/May/2019

Statement-VII

Position as on 6.30 Hrs of 28/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	27/05/2019	18.34	28/05/2019	00.42	PO	Water Leakage in Pole-1 R Phase Value
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
Khadka-Aurangabad (Waluj)	IntraState	25/05/2019	19.30	27/05/2019	11.44	HT	Over Voltage
Koradi-RattanIndia	IntraState	27/05/2019	08.40	27/05/2019	22.18	PO	Isolator Maint.work
Nagothane - Dabhol I	IntraState	27/05/2019	11.25	27/05/2019	20.21	PO	Insulator String replacement
Khadka-Aurangabad (Waluj)	IntraState	27/05/2019	19.01		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 315MVA ICT II @ Parali (Girwali)	IntraState	27/05/2019	06.23	27/05/2019	19.01	PO	Bushing replacement work
400/220kv 315 Mva ICT II @Karad	IntraState	27/05/2019	14.22		Continued.	PO	OLTC Overhauling work
400/220KV 500MVA ICT-II@Taptitanda	IntraState	27/05/2019	16.08	27/05/2019	19.07	EO	Testing Work
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(H/T from Boisar end)
BOISAR BORIVALI	IntraState	25/05/2019	10.46		Continued.	PO	Construction Work.
Abhijeet-Wardha-Ii	IntraState	27/05/2019	07.14	27/05/2019	11.56	PO	Line Signature Analysis Test
Badnera - Amravati	IntraState	27/05/2019	07.20	27/05/2019	11.30	PO	Disc replacement work
Dasturi-Kandalgaon Line	IntraState	27/05/2019	10.05	27/05/2019	19.12	HT	Main Bus outage at Dasturi
Loteparshuram- Dasturi Line	IntraState	27/05/2019	10.25	27/05/2019	18.01	HT	Main Bus outage at Dasturi
Main Bus @ Dasturi	IntraState	27/05/2019	10.25	27/05/2019	18.01	PO	Quarterly Maintenance Work
Paras-Chikhali Ckt No-I	IntraState	27/05/2019	10.46	27/05/2019	15.12	PO	String replacement
Nanded - Parli Ext. Ckt I	IntraState	27/05/2019	16.10		Continued.	PO	To Remove the CT to use it for Parbhani Ckt.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Bucholz Trip.
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	27/05/2019	06.12	27/05/2019	14.49	PO	Testing Work
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	27/05/2019	07.40	27/05/2019	11.42	PO	Pre Monsoon Maint.work
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	27/05/2019	07.44	27/05/2019	12.15	PO	Pre Monsoon Maint.work
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	27/05/2019	09.28	27/05/2019	16.52	PO	Quarterly Maintenance Work
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	27/05/2019	09.32	27/05/2019	13.44	PO	Pre Monsoon Maint.work

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 27/May/2019

Statement-VII

Position as on 6.30 Hrs of 28/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 100MVA ICT-I @ Shivajinagar	IntraState	27/05/2019	17.12	27/05/2019	19.14	PO	Pre Monsoon Maint.work