

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/May/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.964	4343.408	1) Gujrat	-0.638	17.284
2) Hydro	7.559	919.118	2) Madhya Pradesh	8.156	281.769
3) Gas	6.752	184.905	3) Chattisgarh	3.480	108.060
Total MSPGCL	184.275	5447.431	4) Maharashtra	120.979	3269.059
B) 1) APLM	71.555	1924.340	5) Goa (Amona)	-0.242	-11.880
2) JSWEL	25.649	669.274	Total	131.735	3664.292
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.617	794.360
4) RPL(AMT)	28.898	199.811	b) Mumbai Drawl	35.497	912.805
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.329	381.762
6) Other IPP	6.839	214.676	Include PX	-2.921	-163.162
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.617	794.360
C) 1) TPCL Thermal	14.968	382.335	Include PX	16.747	443.824
2) TPCL Hydro	4.780	121.331	Standby	0.000	0.000
3) TPCL Gas	4.352	120.762	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.480	279.084	1) MSEDCL	446.338	12077.808
D) STATE			2) Mumbai Discoms	70.077	1816.315
1) Thermal	328.353	8012.928	TOTAL STATE	516.415	13894.123
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.339	1040.449			
3) Gas (A3+B7+C3)	11.104	305.667			
4) Wind	25.596	673.923			
6) SOLAR	7.288	196.866			
TOTAL STATE	384.680	10229.833			

* 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 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7273	7050	6802	7156
MSPGCL Hydro	185	716	217	232
MSPGCL Gas	278	277	283	287
MSPGCL Total Generation	7736	8043	7302	7675
Central Sector Receipt	6113	6084	4944	5325
WIND	680	695	1643	1117
CPP / IPP Thermal	5795	5913	5511	4929
CPP / IPP Gas	0	0	0	0
SOLAR	879	714	131	0
Exchange with Mumbai	-1905	-1674	-1550	-1083
MSEDCL DEMAND MET	19298	19775	17981	17963
Load Shedding	0	0	0	0
MSEDCL DEMAND	19298	19775	17981	17963
TPCL GENERATION	973	1331	1162	812
AEML GENERATION	498	496	374	375
MUMBAI DEMAND	3376	3501	3086	2270
STATE DEMAND MET	22674	23276	21067	20233
STATE DEMAND	22674	23276	21067	20233
Frequency (Hz)	50.01	49.98	50.05	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.74 Hz at 14.14 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 28/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.70	67.22	170	135
Unit 7	0.00	0.00	0	0
Unit 8	9.57	281.67	420	369
Unit 9	10.74	265.27	510	370
Unit 10	10.92	297.69	525	330
Total	34.92	911.85		
Bhusawal				
Unit 3	2.84	3.12	185	0
Unit 4	11.64	249.16	505	360
Unit 5	11.44	298.50	500	365
Total	25.92	550.78		
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	4.64	109.18	195	190
Unit 4	4.21	115.65	178	171
Unit 5	9.69	208.45	420	385
Unit 6	10.89	293.33	460	440
Unit 7	9.69	271.72	430	378
Unit 8	11.02	302.90	470	430
Unit 9	11.36	267.84	485	446
Total	61.50	1569.08		
Paras				
Unit 3	6.09	163.70	258	250
Unit 4	5.70	161.91	244	222
Total	11.79	325.61		
Khaparkheda				
Unit 1	3.40	80.91	155	135
Unit 2	3.15	92.30	140	120
Unit 3	3.43	99.23	154	135
Unit 4	3.40	99.29	150	135
Unit 5	11.35	309.08	485	458
Total	24.73	680.81		
Nasik				
Unit 3	4.48	65.17	196	162
Unit 4	2.16	120.45	209	0
Unit 5	4.45	119.65	201	154
Total	11.09	305.28		
Uran				
All Units	6.75	184.90	290	265
Total	6.75	184.90		
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	3.58	180.96	515	40
Stage 4	0.90	498.33	393	0
Stage 3	1.05	149.53	160	0
Total	5.54	828.82		
Hydro				
KDPH	0.48	17.44	20	20
VTRNA	1.00	23.92	61	0
TILLARI	0.00	7.21	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	6.32	40	0
RNGR+BHTSA	0.23	6.80	10	9
BHANDARDRA	0.00	2.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	8.20	10	9
GHATGHAR	0.00	18.04	0	0
Total	2.02	90.30		
Wind				
Total	25.60	673.92	0	0
Total	25.60	673.92		
CPP				
APML(Mus)	71.56	1924.34	0	0
JSWEL(Mus)	25.65	669.27	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.90	199.81	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.84	214.68	0	0
Total	132.94	3008.10		
SOLAR				
Total	7.29	196.87	0	0
Total	7.29	196.87		
Tata				
Trombay 5	9.86	253.08	484	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	76.97	116	115
Trombay 7B	1.57	43.79	66	65
Trombay 8	5.11	129.26	232	198
TATA Hydro	4.78	121.33	438	4
Total	24.10	624.43		
AEML				
DTPS U-1&2	10.48	279.08	498	374
Total	10.48	279.08		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	169.96	4343.41
MSPGCL Thml+Gas	176.72	4528.31
MSPGCL Hydro	7.56	919.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	184.28	5447.43
Koyna 1,2 & 4 Total	4.49	679.29
State Total	384.68	10229.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	7150	520	286	7956	1113	5263	0	0	5616	5659	-1412	18579	0	18579	2862	21441	49.96
2	7171	224	286	7681	1256	5246	0	0	5491	5464	-1322	18325	0	18325	2638	20963	49.99
3	7164	218	287	7669	1146	5237	0	0	5385	5673	-1223	18502	0	18502	2459	20961	49.97
4	7203	223	287	7713	1104	5181	0	0	5376	5079	-1088	17989	0	17989	2321	20310	49.95
5	7156	232	287	7675	1117	4929	0	0	5347	5325	-1083	17963	0	17963	2270	20233	50.01
6	7200	476	289	7965	1120	5168	0	0	5346	5227	-1042	18438	0	18438	2309	20747	50.02
7	7219	350	290	7859	1152	5293	0	29	5426	5258	-890	18701	0	18701	2267	20968	50.03
8	7012	155	287	7454	983	5079	0	146	5525	5583	-1219	18026	0	18026	2384	20410	50.02
9	6906	255	274	7435	929	5194	0	365	5674	5617	-1544	17996	0	17996	2676	20672	50.02
10	7127	168	282	7577	844	5327	0	599	6022	5978	-1796	18529	0	18529	3023	21552	50.03
11	7180	186	281	7647	769	5444	0	800	6192	6202	-1861	19001	0	19001	3282	22283	50.00
12	7273	185	278	7736	680	5795	0	879	6296	6113	-1905	19298	0	19298	3376	22674	50.01
13	7169	238	266	7673	679	5877	0	952	6235	6005	-1915	19271	0	19271	3394	22665	49.95
14	7170	214	275	7659	759	5881	0	936	5984	5786	-1732	19289	0	19289	3335	22624	49.98
15	7127	586	265	7978	673	5858	0	848	6087	5854	-1738	19473	0	19473	3427	22900	49.88
16	7050	716	277	8043	695	5913	0	714	6056	6084	-1674	19775	0	19775	3501	23276	49.98
17	7067	612	267	7946	891	5907	0	543	5871	5926	-1572	19641	0	19641	3388	23029	49.99
18	6967	229	281	7477	1213	5749	0	325	5862	5623	-1518	18869	0	18869	3293	22162	50.05
19	6802	217	283	7302	1643	5511	0	131	5231	4944	-1550	17981	0	17981	3086	21067	50.05
20	6688	343	285	7316	1764	5591	0	21	5088	4863	-1502	18053	0	18053	3005	21058	50.03
21	6961	174	284	7419	1397	5906	0	0	4892	4818	-1494	18046	0	18046	2957	21003	50.00
22	7072	357	285	7714	1282	5844	0	0	4612	4640	-1496	17984	0	17984	2894	20878	49.97
23	7049	553	286	7888	1200	5924	0	0	4944	4788	-1439	18361	0	18361	2940	21301	49.95
24	7081	128	284	7493	1187	5824	0	0	5375	5226	-1482	18248	0	18248	2990	21238	49.89
MUs	169.96	7.56	6.75	184.27	25.60	132.94	0.00	7.29	133.93	131.74	-35.50	446.34	0.00	446.34	70.08	516.41	49.99

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 28/May/2019

Position as on 6.30 Hrs of 29/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	Nasik Unit 4	210	28/05/2019	11.37		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/May/2019

Statement-VII

Position as on 6.30 Hrs of 29/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	28/05/2019	08.25	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/05/2019	17.57		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/05/2019	19.01	28/05/2019	07.15	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	28/05/2019	07.17	28/05/2019	17.55	PO	Quarterly Maintainance Work
Chandrapur II- Warora ckt II	IntraState	28/05/2019	14.31	28/05/2019	16.59	T	Distance Protection, KM-11, KA-18 KA, Z-1 B-E.
Khadka-Aurangabad (Waluj)	IntraState	28/05/2019	18.52		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.
400/220kv 315 Mva ICT II @Karad	IntraState	27/05/2019	14.22	28/05/2019	20.41	PO	OLTC Overhauling 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.
PARLY (PG) - OLD GCR PARLI	InterState	28/05/2019	10.07	28/05/2019	15.34	EO	Outage hot spot on wave trap.
Borivali - Tarapur	InterState	28/05/2019	16.22		Continued.	T	Distance Protection, Z-1, RY-E, 30KAMP, D-4 KM.
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)
Nanded - Parli Ext. Ckt I	IntraState	27/05/2019	16.10	28/05/2019	12.21	PO	To Remove the CT to use it for Parbhani Ckt.
Sonkhar - Trombay	IntraState	28/05/2019	05.37	28/05/2019	11.05	PO	Isolator alignment work.
Hinganghat - Hinganghat Rly TSS 1	IntraState	28/05/2019	07.50	28/05/2019	08.35	PO	Connecting cable from bottom of LA to surge meter.
Hinganghat - Hinganghat Rly TSS-2	IntraState	28/05/2019	08.40	28/05/2019	09.27	PO	Connecting cable from bottom of LA to surge meter.
Dahanu-Viraj	IntraState	28/05/2019	10.02	28/05/2019	11.20	PO	Cold washing of LA and CVT.
Sawantwadi-Bidri	IntraState	28/05/2019	10.10	28/05/2019	19.02	PO	Bus outage.
Talandage - Sawantwadi I	IntraState	28/05/2019	10.10	28/05/2019	19.43	PO	Bus outage.
Dahanu Versova	IntraState	28/05/2019	14.08	28/05/2019	15.48	PO	Cold line washing work.
Dahanu Ghodbunder Line 1	IntraState	28/05/2019	16.20	28/05/2019	17.40	PO	Cold line washing work.
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 100 Mva Cgl Ict 1 @Bhugaon	IntraState	28/05/2019	07.11	28/05/2019	11.05	PO	Pre monsoon maintenance work.
220/33kv 125 Mva Transformer 4 @Ghodbunder R/S	IntraState	28/05/2019	08.46	28/05/2019	12.49	PO	Checking oil level in conservator of cable compartment.
220/100 Kv 100 Mva Vijai Ict 1 @Jambhul	IntraState	28/05/2019	09.16	28/05/2019	19.06	PO	OLTC overhauling.

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 28/May/2019

Statement-VII

Position as on 6.30 Hrs of 29/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 100 Mva Transformer 3 @Versova R/S	IntraState	28/05/2019	09.26	28/05/2019	11.16	PO	Pre monsoon maintenance work.
220/132 Kv 200 MVA ICT I @Dhule	IntraState	28/05/2019	15.36	28/05/2019	21.39	PO	Pre monsoon maintenance work.
220/33kV 100MVA ICT-II @ Shivajinagar	IntraState	28/05/2019	17.20	28/05/2019	18.53	PO	Pre monsoon maintenance work.