

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Oct/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.936	917.228	1) Gujrat	14.467	128.100
2) Hydro	4.387	45.188	2) Madhya Pradesh	6.226	74.458
3) Gas	6.193	71.661	3) Chattisgarh	2.770	22.310
Total MSPGCL	135.516	1034.077	4) Maharashtra	109.759	1080.265
B) 1) APLM	23.826	183.588	5) Goa (Amona)	-1.540	-3.410
2) JSWEL	21.027	140.535	Total	131.682	1301.723
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.804	231.881
4) RPL(AMT)	18.781	169.880	b) Mumbai Drawl	36.382	259.182
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.744	232.922
6) Other IPP	8.316	67.335	Include PX	0.475	82.585
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.804	231.881
C) 1) TPCL Thermal	12.073	105.780	Include PX	10.732	110.975
2) TPCL Hydro	1.382	26.142	Standby	0.000	0.000
3) TPCL Gas	2.911	26.986	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.685	74.120	1) MSEDCL	313.816	2731.355
D) STATE			2) Mumbai Discoms	57.433	492.208
1) Thermal	213.644	1658.466	TOTAL STATE	371.249	3223.563
(A1+C1+C4+(B1-B6))					
2) Hydro	5.769	71.330			
(A2+C2)					
3) Gas	9.104	98.647			
(A3+B7+C3)					
4) Wind	4.479	45.808			
6) SOLAR	6.571	47.591			
TOTAL STATE	239.567	1921.842			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5536	4988	5060	5095
MSPGCL Hydro	98	92	410	263
MSPGCL Gas	259	255	252	263
MSPGCL Total Generation	5892	5335	5722	5621
Central Sector Receipt	5730	5612	5598	4244
WIND	162	186	169	208
CPP / IPP Thermal	3053	2925	3109	2815
CPP / IPP Gas	0	0	0	0
SOLAR	502	938	0	0
Exchange with Mumbai	-1419	-1759	-1509	-1432
MSEDCL DEMAND MET	13920	13237	13089	11456
Load Shedding	0	0	0	0
MSEDCL DEMAND	13920	13237	13089	11456
TPCL GENERATION	602	628	935	730
AEML GENERATION	196	195	195	196
MUMBAI DEMAND	2217	2582	2639	2358
STATE DEMAND MET	16138	15819	15728	13814
STATE DEMAND	16138	15819	15728	13814
Frequency (Hz)	50.05	50.07	50.05	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 14.00 Hrs	49.89 Hz at 01.04 Hrs	50.04	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 08/Oct/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.86	11.47	400	278
Unit 9	9.36	80.77	520	320
Unit 10	9.51	82.66	480	320
Total	26.73	174.89		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.23	78.26	495	350
Unit 5	1.38	1.38	210	0
Total	10.61	79.64		
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	4.88	38.86	248	187
Unit 8	4.80	38.80	222	187
Total	9.68	77.66		
Chandrapur				
Unit 3	3.69	15.14	167	138
Unit 4	3.43	28.16	159	122
Unit 5	8.43	60.66	380	325
Unit 6	9.08	64.18	435	354
Unit 7	0.00	0.00	0	0
Unit 8	9.19	69.96	480	360
Unit 9	8.51	68.47	410	328
Total	42.33	306.58		
Paras				
Unit 3	4.66	23.52	200	187
Unit 4	0.00	0.00	0	0
Total	4.66	23.52		
Khaparkhedda				
Unit 1	3.28	21.00	160	110
Unit 2	0.00	27.39	0	0
Unit 3	3.26	25.88	170	0
Unit 4	3.96	30.47	180	160
Unit 5	9.69	72.79	500	360
Total	20.19	177.53		
Nasik				
Unit 3	3.54	20.89	160	137
Unit 4	3.64	27.88	170	125
Unit 5	3.58	28.63	162	132
Total	10.75	77.40		
Uran				
All Units	6.19	71.66	273	243
Total	6.19	71.66		
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)	0.79	8.39	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.79	8.39		
Koyna				
Stage 1-2	2.19	21.68	300	40
Stage 4	0.67	8.96	230	0
Stage 3	0.00	7.08	0	0
Total	2.86	37.72		
Hydro				
KDPH	0.70	1.96	37	19
VTRNA	0.00	0.00	0	0
TILLARI	0.30	0.30	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	1.94	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.79	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	1.85	13	12
GHATGHAR	0.00	0.63	0	0
Total	1.52	7.46		
Wind				
Total	4.48	45.81	0	0
Total	4.48	45.81		
CPP				
APML(Mus)	23.83	183.59	0	0
JSWEL(Mus)	21.03	140.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.78	169.88	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.32	67.34	0	0
Total	71.95	561.34		
SOLAR				
Total	6.57	47.59	0	0
Total	6.57	47.59		
Tata				
Trombay 5	7.31	66.95	311	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	16.62	117	50
Trombay 7B	1.20	10.36	66	41
Trombay 8	4.76	38.83	200	197
TATA Hydro	1.38	26.14	306	0
Total	16.37	158.91		
AEML				
DTPS U-1&2	4.68	74.12	196	195
Total	4.68	74.12		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.94	917.23
MSPGCL Thml+Gas	131.13	988.89
MSPGCL Hydro	4.39	45.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	135.52	1034.08
Koyna 1,2 & 4 Total	2.86	30.64
State Total	239.57	1921.84

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/Oct/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	5561	70	260	5892	135	3049	0	0	5998	6140	-1705	13510	0	13510	2505	16015	50.01
2	5477	86	251	5814	123	3108	0	0	5718	5790	-1542	13293	0	13293	2339	15632	49.98
3	5445	70	261	5776	269	3093	0	0	5556	5185	-1394	12930	0	12930	2191	15120	50.06
4	5148	80	250	5478	333	3015	0	0	5466	5198	-1289	12736	0	12736	2086	14822	50.01
5	5231	70	271	5572	294	3017	0	0	5490	5619	-1231	13272	0	13272	2027	15298	50.00
6	5534	76	260	5870	229	3116	0	0	5890	5907	-1267	13854	0	13854	2063	15918	50.03
7	5698	86	261	6044	268	3448	0	26	6196	6340	-1275	14851	0	14851	2092	16943	50.04
8	5688	80	250	6018	137	3135	0	218	5968	6380	-1313	14576	0	14576	2109	16685	50.04
9	5536	98	259	5892	162	3053	0	502	5965	5730	-1419	13920	0	13920	2217	16138	50.05
10	5227	126	268	5620	173	2930	0	726	5842	5857	-1572	13734	0	13734	2359	16094	50.06
11	5194	389	249	5832	165	2928	0	895	4783	5210	-1706	13324	0	13324	2500	15824	50.03
12	5073	214	257	5544	201	2921	0	906	5431	5656	-1780	13448	0	13448	2596	16044	50.04
13	4988	92	255	5335	186	2925	0	938	5292	5612	-1759	13237	0	13237	2582	15819	50.07
14	4961	99	254	5314	128	2921	0	779	5210	5350	-1719	12773	0	12773	2540	15313	50.08
15	4948	89	243	5280	145	2902	0	688	5206	5578	-1744	12849	0	12849	2562	15411	50.07
16	4951	134	264	5349	126	2856	0	504	5211	5493	-1754	12574	0	12574	2565	15139	50.06
17	4947	154	255	5356	151	2907	0	319	5235	5050	-1705	12078	0	12078	2517	14595	50.05
18	4996	208	255	5459	144	2859	0	69	4931	5195	-1642	12084	0	12084	2453	14537	50.03
19	5012	204	259	5475	191	3043	0	1	5407	5629	-1387	12952	0	12952	2536	15488	50.05
20	5060	410	252	5722	169	3109	0	0	5620	5598	-1509	13089	0	13089	2639	15728	50.05
21	5049	579	261	5889	195	3007	0	0	4948	5158	-1438	12811	0	12811	2619	15430	50.00
22	5067	500	262	5829	175	2905	0	0	4841	4765	-1417	12257	0	12257	2582	14839	50.03
23	5050	209	273	5532	172	2890	0	0	4649	4998	-1383	12209	0	12209	2396	14605	50.02
24	5095	263	263	5621	208	2815	0	0	4509	4244	-1432	11456	0	11456	2358	13814	50.06
MUs	124.94	4.39	6.19	135.52	4.48	71.95	0.00	6.57	129.36	131.68	-36.38	313.82	0.00	313.82	57.43	371.25	50.04

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 08/Oct/2019

Position as on 6.30 Hrs of 09/Oct/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	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13	08/10/2019	14.26	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul	
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.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No 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	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(converted to zero schedule from 12.09.2019 at 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-2	250	02/10/2019	19.19		Continued.	Down Stream Seal Leakage Problem.	
MSPGCL	Khaparkheda Unit 3	210	06/10/2019	10.23	08/10/2019	02.38	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	07/10/2019	17.33	09/10/2019	05.35	Gas shortage	
AEML	AEML Unit 2	250	07/10/2019	21.18		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	07/10/2019	22.28		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 09/Oct/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 Khandwa II	InterState	05/10/2019	00.29		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/10/2019	03.30	08/10/2019	07.09	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/10/2019	23.55		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	05/10/2019	20.52		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	07/10/2019	13.57		Continued.	T	Distance Protection, Z-2, B-Ph, 1.3KA, 317KM.
Khadka-Aurangabad (Waluj)	IntraState	07/10/2019	16.54		Continued.	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	08/10/2019	03.30	08/10/2019	07.35	T	Over Voltage
Nagothane - Dabhol I	IntraState	08/10/2019	13.27	08/10/2019	18.56	T	Distance Protection
Alkud-Kolhapur(Talandage)	IntraState	08/10/2019	23.36		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/10/2019	23.55		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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Sicom I	IntraState	01/10/2019	07.45		Continued.	PO	Erection of Inline Tower.
Chandrapur GCR - Sicom II	IntraState	01/10/2019	07.50		Continued.	PO	Erection of Inline Tower.
Versova Ghodbunder-II	IntraState	08/10/2019	07.13	08/10/2019	10.54	PO	Replacement of Polymer insulator
Ghodbunder - Versova	IntraState	08/10/2019	11.09	08/10/2019	13.54	PO	Replacement of Polymer insulator
Ghatghar - Bappaon	IntraState	08/10/2019	13.17	08/10/2019	13.55	T	Distance Protection
Kharghar - Tss Panvel	IntraState	08/10/2019	21.23		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	09/10/2019	00.05	09/10/2019	00.30	T	Tripped on distance protection from pedambe end only

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