

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.612	90.612	1) Gujrat	16.421	16.421
2) Hydro	8.491	8.491	2) Madhya Pradesh	10.703	10.703
3) Gas	9.608	9.608	3) Chattisgarh	3.490	3.490
Total MSPGCL	108.711	108.711	4) Maharashtra	137.544	137.544
B) 1) APML	31.504	31.504	5) Goa (Amona)	-0.286	-0.286
2) JSWEL	16.984	16.984	Total	167.872	167.872
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.823	29.823
4) RPL(AMT)	23.883	23.883	b) Mumbai Drawl	32.256	32.256
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	24.898	24.898
6) Other IPP	7.497	7.497	Include PX	6.802	6.802
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.823	29.823
C) 1) TPCL Thermal	13.789	13.789	Include PX	13.780	13.780
2) TPCL Hydro	4.748	4.748	Standby	0.000	0.000
3) TPCL Gas	2.303	2.303	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.319	10.319	1) MSEDCL	346.224	346.224
D) STATE			2) Mumbai Discoms	63.415	63.415
1) Thermal	194.588	194.588	TOTAL STATE	409.639	409.639
(A1+C1+C4+(B1-B6))					
2) Hydro	13.239	13.239			
(A2+C2)					
3) Gas	11.911	11.911			
(A3+B7+C3)					
4) Wind	15.360	15.360			
6) SOLAR	6.669	6.669			
TOTAL STATE	241.767	241.767			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3747	3727	3849	3679
MSPGCL Hydro	180	215	1133	70
MSPGCL Gas	397	395	398	402
MSPGCL Total Generation	4324	4337	5380	4151
Central Sector Receipt	7860	7723	6820	5652
WIND	523	631	893	494
CPP / IPP Thermal	3348	3099	4069	3425
CPP / IPP Gas	0	0	0	0
SOLAR	903	866	0	0
Exchange with Mumbai	-1881	-1890	-1359	-880
MSEDCL DEMAND MET	15076	14766	15803	12842
Load Shedding	0	0	0	0
MSEDCL DEMAND	15076	14766	15803	12842
TPCL GENERATION	912	887	1127	628
AEML GENERATION	373	376	498	373
MUMBAI DEMAND	3166	3153	2984	1881
STATE DEMAND MET	18242	17919	18787	14723
STATE DEMAND	18242	17919	18787	14723
Frequency (Hz)	50.02	50.01	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.04 Hrs	49.76 Hz at 16.44 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 01/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	0.00	0.00	0	0
Unit 9	8.94	8.94	490	275
Unit 10	8.25	8.25	430	230
Total	17.19	17.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.15	10.15	455	375
Unit 5	0.00	0.00	0	0
Total	10.15	10.15		
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	5.36	5.36	248	173
Unit 8	4.66	4.66	205	188
Total	10.02	10.02		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.12	3.12	152	109
Unit 5	6.06	6.06	265	235
Unit 6	6.41	6.41	290	212
Unit 7	0.00	0.00	0	0
Unit 8	8.68	8.68	400	301
Unit 9	8.13	8.13	380	293
Total	32.41	32.41		
Paras				
Unit 3	1.18	1.18	250	0
Unit 4	0.00	0.00	0	0
Total	1.18	1.18		
Khaparkheda				
Unit 1	0.33	0.33	75	0
Unit 2	4.00	4.00	180	150
Unit 3	4.14	4.14	188	145
Unit 4	3.58	3.58	160	123
Unit 5	0.73	0.73	247	0
Total	12.78	12.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.38	3.38	164	100
Unit 5	3.50	3.50	160	129
Total	6.89	6.89		
Uran				
All Units	9.61	9.61	414	386
Total	9.61	9.61		
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)	1.27	1.27	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	1.27		
Koyna				
Stage 1-2	4.48	4.48	505	40
Stage 4	1.81	1.81	488	0
Stage 3	1.59	1.59	160	0
Total	7.88	7.88		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	0.27	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	0.21	15	1
GHATGHAR	0.13	0.13	93	0
Total	0.61	0.61		
Wind				
Total	15.36	15.36	0	0
Total	15.36	15.36		
CPP				
APML(Mus)	31.50	31.50	0	0
JSWEL(Mus)	16.98	16.98	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.88	23.88	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.50	7.50	0	0
Total	79.87	79.87		
SOLAR				
Total	6.67	6.67	0	0
Total	6.67	6.67		
Tata				
Trombay 5	8.84	8.84	455	292
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	1.42	116	0
Trombay 7B	0.88	0.88	67	0
Trombay 8	4.95	4.95	219	197
TATA Hydro	4.75	4.75	459	0
Total	20.84	20.84		
AEML				
DTPS U-1&2	10.32	10.32	499	373
Total	10.32	10.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.61	90.61	MSPGCL Total	108.71	108.71
			MSPGCL Thml+Gas	100.22	100.22	Koyna 1,2 & 4 Total	6.30	6.30
			MSPGCL Hydro	8.49	8.49	State Total	241.77	241.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Oct/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	3834	84	402	4320	795	3202	0	0	5974	5814	-1193	12938	0	12938	2266	15204	50.00
2	3777	54	403	4234	546	3337	0	0	5942	5780	-1043	12854	0	12854	2077	14931	50.03
3	3717	189	402	4308	593	3374	0	0	5452	5509	-949	12835	0	12835	1958	14793	50.02
4	3679	70	402	4151	494	3425	0	0	5518	5652	-880	12842	0	12842	1881	14723	50.02
5	3646	149	412	4207	462	3207	0	0	5950	6099	-777	13198	0	13198	1891	15089	50.00
6	3637	617	414	4668	496	3168	0	0	6391	6753	-726	14358	0	14358	1990	16348	49.98
7	3640	924	403	4967	458	3197	0	25	7508	7694	-801	15540	0	15540	2154	17694	50.01
8	3720	777	403	4900	396	3255	0	202	7783	8050	-956	15847	0	15847	2337	18184	50.03
9	3712	185	391	4288	367	3375	0	515	7955	7726	-1241	15030	0	15030	2643	17673	50.02
10	3717	155	397	4269	510	3356	0	765	7577	7794	-1693	15000	0	15000	2944	17944	50.03
11	3747	180	397	4324	523	3348	0	903	7705	7860	-1881	15076	0	15076	3166	18242	50.02
12	3655	132	406	4193	596	3208	0	942	8091	7971	-1928	14982	0	14982	3221	18204	50.02
13	3727	215	395	4337	631	3099	0	866	7559	7723	-1890	14766	0	14766	3153	17919	50.01
14	3756	72	386	4214	724	3018	0	810	7428	7410	-1788	14388	0	14388	3041	17428	50.01
15	3780	372	394	4546	794	3000	0	717	7323	7513	-1812	14758	0	14758	3074	17832	49.92
16	3881	67	408	4356	682	3012	0	536	7781	7776	-1847	14515	0	14515	3100	17615	49.97
17	3834	107	396	4337	811	3050	0	293	7821	7747	-1801	14438	0	14438	3077	17514	49.92
18	3853	137	398	4388	738	3420	0	95	7254	7308	-1565	14384	0	14384	3007	17390	50.01
19	3783	649	389	4821	912	3928	0	0	6901	7129	-1383	15408	0	15408	3003	18410	49.97
20	3849	1133	398	5380	893	4069	0	0	6749	6820	-1359	15803	0	15803	2984	18787	50.03
21	3895	485	410	4790	932	3886	0	0	6524	6511	-1235	14884	0	14884	2820	17704	50.02
22	3906	654	400	4960	667	3650	0	0	6209	6279	-1140	14416	0	14416	2648	17064	50.01
23	3934	664	400	4998	691	3326	0	0	6297	6377	-1144	14248	0	14248	2525	16773	49.99
24	3933	420	402	4755	649	2960	0	0	6543	6577	-1224	13716	0	13716	2455	16172	50.02
MUs	90.61	8.49	9.61	108.71	15.36	79.87	0.00	6.67	166.23	167.87	-32.26	346.22	0.00	346.22	63.41	409.64	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 01/Oct/2019

Position as on 6.30 Hrs of 02/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 for 60Days)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13		Continued.	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	
MSPGCL	Khaparkheda Unit 1	210	13/09/2019	14.05	01/10/2019	18.05	Poor Coal	
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.	
MSPGCL	Nasik Unit 3	210	24/09/2019	13.45		Continued.	poor coal Receipt.	
MSPGCL	Khaparkheda Unit 5	500	25/09/2019	09.34	01/10/2019	19.03	Poor Coal Receipt	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	30/09/2019	11.00		Continued.	wet coal.	
IPP	JSW (J) U3	300	30/09/2019	23.53		Continued.	No schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Oct/2019

Position as on 6.30 Hrs of 02/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	01/10/2019	02.34	01/10/2019	07.05	Furnace Pressure High	
IPP	Dhariwal	300	01/10/2019	03.52	01/10/2019	06.53	Turbine Vibration	
MSPGCL	Paras Unit 3	250	01/10/2019	11.18		Continued.	Boiler Tube Leakage	
TPC-G	Trombay 7B	60	01/10/2019	14.15	02/10/2019	02.19	Gas Supply Pressure Fluctuation.	
TPC-G	Trombay 7A	120	01/10/2019	14.15	02/10/2019	00.05	Gas Supply Pressure Fluctuation.	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 02/Oct/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 2	IntraState	24/09/2019	17.43		Continued.	PO	Tower Height Rise work
Chandrapur - Padghe HvdC Pole 1	IntraState	24/09/2019	17.56		Continued.	PO	Tower Height Rise work
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 I	InterState	26/09/2019	22.49		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	16/09/2019	08:57		Continued.	PO	Replacement of Broken Spacer cum Damper (RFC at 18:50 hrs)
Khadka-Aurangabad (Waluj)	IntraState	24/09/2019	18.12		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05		Continued.	T	O/V (Trial Taken At 08.10 But Trip Again O/V.)
N.Koyna-Karad -Ckt I	IntraState	30/09/2019	11.39	01/10/2019	10.46	PO	Conductoor replacement Work & RMW.(RFC 20.58)
New Koyna - Dabhol - II	IntraState	01/10/2019	08.54		Continued.	PO	Earth Wire Replacement Work (RFC:20.00hrs Dt.01.10.2019)
Koradi III(Adani)-Koradi II ckt 2	IntraState	01/10/2019	15.00	01/10/2019	16.34	PO	Online ABT Meter Replacement Work.
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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	01/10/2019	12.48	01/10/2019	17.34	HT	Due To Trip CKT Faulty.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kalwa 52B Interconnector CB	IntraState	30/09/2019	15.17		Continued.	PO	Interconnector Off.
Goregaon Versova Line 2	IntraState	01/10/2019	07.36	01/10/2019	21.05	PO	Metro Work.
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.
New Koyna - Pedambe	IntraState	01/10/2019	08.25	01/10/2019	21.56	PO	Routine Maintenance Work
Pandarpur-Khanapur	IntraState	01/10/2019	13.50		Continued.	PO	Pending Line Construction Work.
Solapur(Bale) - Tuljapur	IntraState	01/10/2019	15.45	01/10/2019	17.44	PO	Quarterly Maintenance Work
Taptitanda-Jalna ckt II	IntraState	01/10/2019	17.40		Continued.	HT	Trip Ckt Faulty Indication.

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