

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Sep/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	82.820	828.013	1) Gujrat	13.275	102.827
2) Hydro	22.717	155.200	2) Madhya Pradesh	3.426	1.976
3) Gas	0.000	14.128	3) Chattisgarh	3.500	25.100
Total MSPGCL	105.537	997.341	4) Maharashtra	108.345	1108.074
B) 1) APML	42.621	479.720	5) Goa (Amona)	-0.682	-6.666
2) JSWEL	21.245	207.932	Total	127.864	1231.311
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.223	229.984
4) RPL(AMT)	21.046	200.617	b) Mumbai Drawl	31.324	298.739
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.670	128.492
6) Other IPP	2.663	27.237	Include PX	3.017	6.489
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.223	229.984
C) 1) TPCL Thermal	12.510	123.945	Include PX	11.228	93.546
2) TPCL Hydro	4.801	35.069	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.492	92.190	1) MSEDCL	337.460	3336.694
D) STATE			2) Mumbai Discoms	58.127	557.820
1) Thermal	192.397	1959.654	TOTAL STATE	395.587	3894.514
(A1+C1+C4+(B1-B6))					
2) Hydro	27.518	190.269			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	43.292	449.931			
6) SOLAR	4.516	41.344			
TOTAL STATE	267.723	2663.210			

* 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	3506	3410	3640	3292
MSPGCL Hydro	936	1051	988	1135
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4442	4461	4628	4427
Central Sector Receipt	6248	6298	5614	3771
WIND	2134	1901	1689	1649
CPP / IPP Thermal	3596	3504	4105	3454
CPP / IPP Gas	0	0	0	0
SOLAR	638	570	0	0
Exchange with Mumbai	-1813	-1791	-1191	-868
MSEDCL DEMAND MET	15245	14943	14845	12433
Load Shedding	0	0	0	0
MSEDCL DEMAND	15245	14943	14845	12433
TPCL GENERATION	699	753	1045	531
AEML GENERATION	373	375	491	373
MUMBAI DEMAND	2885	2919	2727	1772
STATE DEMAND MET	18130	17862	17572	14205
STATE DEMAND	18130	17862	17572	14205
Frequency (Hz)	50.01	49.92	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 17.02 Hrs	49.76 Hz at 22.07 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 10/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	10.19	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	9.70	36.42	450	262
Unit 10	0.00	17.77	0	0
Total	9.70	64.38		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.86	91.40	420	350
Unit 5	0.00	0.00	0	0
Total	8.86	94.31		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.83	48.13	230	188
Unit 7	4.84	47.72	234	187
Unit 8	0.00	0.00	0	0
Total	9.68	95.86		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.16	30.50	139	116
Unit 5	7.09	68.93	320	250
Unit 6	6.98	61.32	310	280
Unit 7	0.00	0.00	0	0
Unit 8	7.89	71.38	356	280
Unit 9	7.67	67.78	352	252
Total	32.79	299.92		
Paras				
Unit 3	3.37	29.96	169	111
Unit 4	0.00	0.00	0	0
Total	3.37	29.96		
Khaparkheda				
Unit 1	2.91	27.85	135	105
Unit 2	0.00	0.00	0	0
Unit 3	0.00	26.32	0	0
Unit 4	3.53	33.54	160	140
Unit 5	7.64	74.90	360	250
Total	14.07	162.61		
Nasik				
Unit 3	0.00	18.92	0	0
Unit 4	2.23	31.26	119	73
Unit 5	2.12	30.80	126	0
Total	4.35	80.98		
Uran				
All Units	0.00	14.13	0	0
Total	0.00	14.13		
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)	1.21	2.44	54	24

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.21	2.44		
Koyna				
Stage 1-2	2.14	23.38	265	40
Stage 4	12.31	68.86	750	0
Stage 3	4.56	32.64	240	120
Total	19.01	124.88		
Hydro				
KDPH	0.80	7.96	34	33
VTRNA	0.00	0.00	0	0
TILLARI	0.78	6.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	4.20	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	3.45	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.01	7.96	42	42
GHATGHAR	0.33	0.33	125	0
Total	3.71	30.32		
Wind				
Total	43.29	449.93	0	0
Total	43.29	449.93		
CPP				
APML(Mus)	42.62	479.72	0	0
JSWEL(Mus)	21.24	207.93	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.05	200.62	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.66	27.24	0	0
Total	87.58	915.51		
SOLAR				
Total	4.52	41.34	0	0
Total	4.52	41.34		
Tata				
Trombay 5	7.76	76.41	425	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	4.66	0	0
Trombay 7B	0.00	3.22	0	0
Trombay 8	4.75	47.54	214	181
TATA Hydro	4.80	35.07	415	60
Total	17.31	166.90		
AEML				
DTPS U-1&2	9.49	92.19	497	372
Total	9.49	92.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	82.82	828.01	MSPGCL Total	105.54	997.34
			MSPGCL Thml+Gas	82.82	842.14	Koyna 1,2 & 4 Total	14.45	92.24
			MSPGCL Hydro	22.72	155.20	State Total	267.72	2663.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Sep/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	3252	1265	0	4517	1659	3419	0	0	4216	4032	-1062	12565	0	12565	2070	14635	50.00
2	3280	1237	0	4517	1619	3408	0	0	3790	3804	-946	12402	0	12402	1933	14335	50.01
3	3345	1181	0	4526	1679	3410	0	0	3654	3847	-866	12596	0	12596	1821	14417	50.03
4	3292	1135	0	4427	1649	3454	0	0	3653	3771	-868	12433	0	12433	1772	14205	50.01
5	3252	1197	0	4449	1643	3453	0	0	3999	4288	-879	12954	0	12954	1782	14736	49.98
6	3263	1115	0	4378	1551	3750	0	0	4845	5096	-964	13811	0	13811	1869	15680	50.02
7	3400	1148	0	4548	1668	3910	0	31	5749	5726	-1029	14854	0	14854	1960	16814	49.95
8	3494	1094	0	4588	1751	3853	0	185	6242	6167	-1140	15404	0	15404	2136	17540	49.99
9	3505	1030	0	4535	2007	3674	0	354	6212	5945	-1436	15079	0	15079	2413	17492	50.01
10	3472	1065	0	4537	2094	3591	0	509	6154	6257	-1656	15332	0	15332	2706	18038	49.98
11	3506	936	0	4442	2134	3596	0	638	6270	6248	-1813	15245	0	15245	2885	18130	50.01
12	3489	1169	0	4658	1903	3398	0	602	6145	6174	-1839	14896	0	14896	2945	17841	49.97
13	3410	1051	0	4461	1901	3504	0	570	5999	6298	-1791	14943	0	14943	2919	17862	49.92
14	3495	772	0	4267	2056	3635	0	466	5988	5724	-1680	14468	0	14468	2786	17254	50.03
15	3529	775	0	4304	1990	3467	0	492	5767	5821	-1688	14386	0	14386	2794	17180	50.01
16	3543	961	0	4504	2266	3387	0	399	5584	5299	-1657	14198	0	14198	2763	16961	50.04
17	3525	988	0	4513	2326	3414	0	199	4983	5263	-1617	14098	0	14098	2727	16825	50.01
18	3511	768	0	4279	2292	3425	0	70	5419	5644	-1583	14127	0	14127	2703	16830	50.01
19	3602	760	0	4362	1931	3776	0	1	5530	5665	-1419	14316	0	14316	2706	17022	49.98
20	3640	988	0	4628	1689	4105	0	0	5533	5614	-1191	14845	0	14845	2727	17572	50.02
21	3595	671	0	4266	1375	4115	0	0	5356	5490	-1078	14168	0	14168	2597	16765	49.98
22	3547	630	0	4177	1334	3980	0	0	5419	5351	-999	13843	0	13843	2473	16316	49.91
23	3478	526	0	4004	1399	4043	0	0	5326	5159	-1006	13599	0	13599	2380	15979	49.93
24	3395	255	0	3650	1376	3808	0	0	5292	5181	-1117	12898	0	12898	2260	15158	50.03
MUs	82.82	22.72	0.00	105.54	43.29	87.58	0.00	4.52	127.12	127.86	-31.32	337.46	0.00	337.46	58.13	395.59	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 10/Sep/2019

Position as on 6.30 Hrs of 11/Sep/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 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana 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	Khaparkheda Unit 2	210	13/08/2019	15.01		Continued.	Flame Failure (Converted to AOH from 16-8-2019)	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
IPP	Dhariwal	300	01/07/2019	00.01		Continued.	NO SCHEDULE	
MSPGCL	Koyana Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-1	125	13/08/2019	21.30		Continued.	Water Leakage	
MSPGCL	Uran Unit 6	108	21/08/2019	19.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
IPP	Adani U-3	660	01/09/2019	00.51		Continued.	APH 3B Support bearing Abnormal Sound.	
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.	
MSPGCL	Uran Unit A0	120	03/09/2019	04.22		Continued.	HP feed water pump fault.	
MSPGCL	Uran Unit 5	108	03/09/2019	04.24		Continued.	boiler discrepancy.	
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Sep/2019

Position as on 6.30 Hrs of 11/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							ONGC.	
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7B	60	03/09/2019	10.42		Continued.	Gas shortage due to fire at ONGC.	
TPC-G	Trombay 7A	120	03/09/2019	10.56		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Koradi Unit 10	660	03/09/2019	19.00		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Nasik Unit 3	210	07/09/2019	15.30		Continued.	Due To Wet & Sticky Coal Problem.	
MSPGCL	Khaparkheda Unit 3	210	09/09/2019	03.41		Continued.	Reheater protection operated	
MSPGCL	Nasik Unit 5	210	10/09/2019	04.50	10/09/2019	07.10	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 11/Sep/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 I	InterState	26/08/2019	09.04	10/09/2019	08.21	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31	10/09/2019	08.52	HT	Control line loading of 400 KV SSP-Asoj.
Chandrapur-II - Warora - I	InterState	10/09/2019	09.44	10/09/2019	11.57	PO	Scada & Protection Work.
Dhule Khandwa II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/09/2019	00.04	10/09/2019	08.19	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	10/09/2019	02.26	10/09/2019	07.44	T	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	10/09/2019	02.41	10/09/2019	08.21	T	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	10/09/2019	15.26	10/09/2019	18.23	EO	Attending Hot Spot At New Koyna End.
400 KV ICT Outages/Trippings							
400/11.5/6.6 KV 70 MVA Station T/F @Khaparkheda	InterState	23/08/2019	14.48	10/09/2019	15.20	PO	Routine Maintenance Work
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 315 MVA ICT -I @New Koyna	IntraState	10/09/2019	18.32		Continued.	T	Differential protection
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Miraj - Tilwani	IntraState	09/08/2019	05.27		Continued.	T	Dist.Protection(Tower Bending Location no.28,29)
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	09/09/2019	06.24	10/09/2019	13.55	T	Distance Protection
Mahad-Kandalgaon	IntraState	10/09/2019	07.10	10/09/2019	13.20	EO	Attending Hot Spot On Loc NO9
Kandalgaon - Koyna (Pophali)	IntraState	10/09/2019	07.22	11/09/2019	00.30	T	Distance Protection
Badnera - Amravati	IntraState	10/09/2019	11.05	10/09/2019	19.30	PO	For Connection of ERS Tower.
New Koyna - Pedambe	IntraState	10/09/2019	11.55	10/09/2019	12.38	T	On Over Current At Pedambe End.
Tambati - Adlabs	IntraState	10/09/2019	11.55	10/09/2019	18.34	T	As Wavetrap Burst At Adlab.
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	10/09/2019	12.39	10/09/2019	13.23	T	Distance Protection,B-PH,Z-2.1.32A.132.82KM From Nashik.
Mahad - Pedambe	IntraState	10/09/2019	15.06	10/09/2019	15.27	T	Distance Protection
Mahad - Pedambe	IntraState	10/09/2019	15.40	10/09/2019	21.45	T	Distance Protection
New Koyna - Pedambe	IntraState	10/09/2019	18.13	10/09/2019	18.27	T	ON Back Up Protection., Tripped At Pedambe End only.
Koyna (Pophali) - Kdph	IntraState	10/09/2019	19.45	11/09/2019	01.00	EO	Attending Broken Conductor Of Pophali Kandalgaon line.
TALEGAON - TALEGAON ambi (PG) -I	IntraState	11/09/2019	00.38	11/09/2019	03.12	EO	Relay Replacement work
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	10/09/2019	11.55	10/09/2019	14.32	T	Due To 220KV Sectionaliser Tripping.

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