

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Sep/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	78.751	582.126	1) Gujrat	9.415	65.720
2) Hydro	25.776	75.799	2) Madhya Pradesh	-0.517	-0.149
3) Gas	0.000	14.128	3) Chattisgarh	2.800	14.600
Total MSPGCL	104.527	672.053	4) Maharashtra	110.718	796.155
B) 1) APML	43.480	355.083	5) Goa (Amona)	-0.792	-4.466
2) JSWEL	20.381	145.484	Total	121.624	871.860
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.017	159.398
4) RPL(AMT)	19.430	140.850	b) Mumbai Drawl	30.816	207.295
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.450	79.042
6) Other IPP	2.435	19.301	Include PX	1.363	-4.880
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.017	159.398
C) 1) TPCL Thermal	12.179	87.441	Include PX	9.047	67.324
2) TPCL Hydro	3.955	23.568	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.096	64.420	1) MSEDCL	334.588	2332.245
D) STATE			2) Mumbai Discoms	56.046	390.601
1) Thermal	185.752	1394.705	TOTAL STATE	390.634	2722.846
(A1+C1+C4+(B1-B6))					
2) Hydro	29.731	99.367			
(A2+C2)					
3) Gas	0.000	22.012			
(A3+B7+C3)					
4) Wind	49.794	305.229			
6) SOLAR	3.733	29.680			
TOTAL STATE	269.010	1850.993			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3282	3169	3529	3215
MSPGCL Hydro	1288	1304	1452	687
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4570	4473	4981	3902
Central Sector Receipt	5748	5912	5324	3495
WIND	1948	1973	2034	2342
CPP / IPP Thermal	3952	3410	3910	3512
CPP / IPP Gas	0	0	0	0
SOLAR	345	458	0	0
Exchange with Mumbai	-1399	-1748	-1339	-864
MSEDCL DEMAND MET	15164	14478	14910	12387
Load Shedding	0	0	0	0
MSEDCL DEMAND	15164	14478	14910	12387
TPCL GENERATION	765	710	868	558
AEML GENERATION	479	373	375	373
MUMBAI DEMAND	2643	2831	2582	1795
STATE DEMAND MET	17807	17308	17492	14182
STATE DEMAND	17807	17308	17492	14182
Frequency (Hz)	49.94	50.00	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 08.00 Hrs	49.81 Hz at 18.49 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 07/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	1.56	11.59	220	0
Unit 10	0.00	17.77	0	0
Total	1.56	39.56		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	8.44	64.96	410	300
Unit 5	0.00	0.00	0	0
Total	8.44	67.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	33.60	235	189
Unit 7	4.99	33.34	241	194
Unit 8	0.00	0.00	0	0
Total	10.00	66.93		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.68	21.37	126	95
Unit 5	6.66	48.38	305	255
Unit 6	6.78	42.54	295	272
Unit 7	0.00	0.00	0	0
Unit 8	6.39	47.01	320	230
Unit 9	5.82	44.41	310	210
Total	28.33	203.70		
Paras				
Unit 3	3.74	20.30	181	120
Unit 4	0.00	0.00	0	0
Total	3.74	20.30		
Khaparkheda				
Unit 1	2.74	19.45	140	90
Unit 2	0.00	0.00	0	0
Unit 3	3.17	22.83	142	127
Unit 4	3.20	23.36	150	120
Unit 5	8.72	53.25	440	300
Total	17.83	118.89		
Nasik				
Unit 3	1.74	18.92	145	0
Unit 4	3.59	23.29	163	138
Unit 5	3.53	22.66	163	121
Total	8.85	64.87		
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)	0.05	0.36	28	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.36		
Koyna				
Stage 1-2	2.09	14.10	280	40
Stage 4	15.09	24.94	745	400
Stage 3	5.12	17.00	240	160
Total	22.30	56.04		
Hydro				
KDPH	0.79	5.60	33	32
VTRNA	0.00	0.00	0	0
TILLARI	0.95	3.84	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	2.84	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	2.42	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	5.05	40	39
GHATGHAR	0.00	0.00	0	0
Total	3.48	19.75		
Wind				
Total	49.79	305.23	0	0
Total	49.79	305.23		
CPP				
APML(Mus)	43.48	355.08	0	0
JSWEL(Mus)	20.38	145.48	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.43	140.85	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.44	19.30	0	0
Total	85.73	660.72		
SOLAR				
Total	3.73	29.68	0	0
Total	3.73	29.68		
Tata				
Trombay 5	7.41	53.93	444	288
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	4.77	33.51	217	194
TATA Hydro	3.96	23.57	381	46
Total	16.13	118.89		
AEML				
DTPS U-1&2	9.10	64.42	479	372
Total	9.10	64.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	78.75	582.13	MSPGCL Total	104.53	672.05
			MSPGCL Thml+Gas	78.75	596.25	Koyna 1,2 & 4 Total	17.18	39.05
			MSPGCL Hydro	25.78	75.80	State Total	269.01	1850.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	3277	983	0	4260	2181	3506	0	0	4015	3850	-1119	12678	0	12678	2084	14762	50.02
2	3255	1002	0	4257	2261	3506	0	0	3729	3512	-1007	12528	0	12528	1957	14486	50.02
3	3200	805	0	4005	2380	3500	0	0	3605	3389	-911	12363	0	12363	1861	14224	50.01
4	3215	687	0	3902	2342	3512	0	0	3567	3495	-864	12387	0	12387	1795	14182	50.03
5	3237	687	0	3924	2314	3485	0	0	3689	3902	-874	12751	0	12751	1784	14535	50.00
6	3192	1031	0	4223	2390	3545	0	0	4410	4695	-949	13904	0	13904	1857	15761	50.00
7	3288	909	0	4197	2281	3616	0	17	5604	5344	-987	14468	0	14468	1927	16395	49.99
8	3279	933	0	4212	2159	3571	0	82	5733	6070	-1078	15016	0	15016	2059	17075	50.04
9	3227	1280	0	4507	1967	3656	0	183	5399	5879	-1337	14855	0	14855	2318	17173	50.00
10	3282	1288	0	4570	1948	3952	0	345	5756	5748	-1399	15164	0	15164	2643	17807	49.94
11	3271	1059	0	4330	2029	3787	0	447	6137	5978	-1646	14925	0	14925	2874	17799	50.00
12	3164	1039	0	4203	2021	3484	0	527	6334	6335	-1782	14788	0	14788	2921	17708	49.98
13	3169	1304	0	4473	1973	3410	0	458	5855	5912	-1748	14478	0	14478	2831	17308	50.00
14	3214	1201	0	4415	1864	3385	0	493	5579	5679	-1617	14219	0	14219	2653	16872	49.99
15	3236	1322	0	4558	1858	3424	0	415	5549	5715	-1538	14432	0	14432	2574	17006	49.99
16	3223	1082	0	4305	1972	3417	0	411	5571	5595	-1506	14194	0	14194	2520	16714	50.01
17	3263	1114	0	4377	1967	3396	0	265	5469	5356	-1496	13865	0	13865	2496	16361	49.97
18	3400	1259	0	4659	1983	3478	0	86	5262	5544	-1496	14254	0	14254	2502	16756	50.00
19	3505	940	0	4445	1967	3845	0	4	5393	5291	-1332	14220	0	14220	2550	16770	49.95
20	3529	1452	0	4981	2034	3910	0	0	5178	5324	-1339	14910	0	14910	2582	17492	50.02
21	3431	1192	0	4623	1897	3736	0	0	4968	5079	-1269	14066	0	14066	2509	16574	50.04
22	3340	1047	0	4387	2030	3612	0	0	4877	4935	-1197	13768	0	13768	2389	16156	50.03
23	3266	1057	0	4323	1913	3517	0	0	4806	4740	-1205	13288	0	13288	2231	15519	50.02
24	3288	1103	0	4391	2063	3477	0	0	4524	4257	-1120	13068	0	13068	2129	15197	50.04
MUs	78.75	25.78	0.00	104.53	49.79	85.73	0.00	3.73	121.01	121.62	-30.82	334.59	0.00	334.59	56.05	390.63	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 07/Sep/2019

Position as on 6.30 Hrs of 08/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	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	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 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.	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	Koyna 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	Koradi Unit 9	660	02/09/2019	16.19	07/09/2019	13.59	Boiler Tube Leakage	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Sep/2019

Position as on 6.30 Hrs of 08/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at 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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 08/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		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Khadka-Aurangabad (Waluj)	IntraState	04/09/2019	17.19		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	07/09/2019	00.30	07/09/2019	09.58	HT	Over Voltage
Warora -IEPL	IntraState	07/09/2019	09.56	08/09/2019	07.32	PO	Scada & Testing 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 II @Chandrapur GCR	IntraState	07/09/2019	13.02	07/09/2019	18.54	EO	To Rectify FDT(Fire Detector Trip)
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)
Adlabs - Pedambe	IntraState	06/09/2019	09.58	07/09/2019	12.00	T	DP, Isolator Problem At Adlabs.
Tambati - Adlabs	IntraState	06/09/2019	22.20	07/09/2019	01.35	EO	To attend Isolator problem at Adlab
Urse-Chinchwad (ST tap)	IntraState	07/09/2019	11.37	07/09/2019	15.57	EO	Replacement of Faulty Insulators.
Chandrapur GCR - Warora - I	IntraState	07/09/2019	13.00	07/09/2019	19.00	HT	For ICT 2 Outage.
Dhule - Malegaon	IntraState	07/09/2019	13.13	07/09/2019	15.38	EO	Attending Hot Spot
Trombay Salsette 1 Backbay	IntraState	08/09/2019	11.09	08/09/2019	12.20	PO	Breaker Contact Resi. Measurement At Backbay.

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