

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Sep/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	79.773	1300.573	1) Gujrat	17.000	193.996
2) Hydro	24.501	274.972	2) Madhya Pradesh	6.544	32.435
3) Gas	3.016	27.705	3) Chattisgarh	2.370	41.100
Total MSPGCL	107.290	1603.250	4) Maharashtra	117.801	1764.939
B) 1) APML	54.818	753.629	5) Goa (Amona)	-0.814	-11.308
2) JSWEL	22.087	335.122	Total	142.901	2021.162
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.903	370.860
4) RPL(AMT)	17.842	319.252	b) Mumbai Drawl	31.786	484.986
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.668	216.342
6) Other IPP	2.875	44.178	Include PX	1.191	14.309
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.903	370.860
C) 1) TPCL Thermal	12.754	198.167	Include PX	12.385	157.154
2) TPCL Hydro	5.943	62.465	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.825	148.684	1) MSEDCL	347.658	5335.047
D) STATE			2) Mumbai Discoms	60.308	902.179
1) Thermal	199.974	3099.605	TOTAL STATE	407.966	6237.226
(A1+C1+C4+(B1-B6))					
2) Hydro	30.444	337.437			
(A2+C2)					
3) Gas	3.016	35.589			
(A3+B7+C3)					
4) Wind	26.595	679.547			
6) SOLAR	5.036	63.893			
TOTAL STATE	265.065	4216.071			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3414	3087	3197	3334
MSPGCL Hydro	1254	1366	1931	190
MSPGCL Gas	130	131	122	122
MSPGCL Total Generation	4798	4584	5250	3646
Central Sector Receipt	6596	6361	5949	5160
WIND	1200	1423	1115	1008
CPP / IPP Thermal	4136	4134	4256	3715
CPP / IPP Gas	0	0	0	0
SOLAR	537	468	0	0
Exchange with Mumbai	-1612	-1725	-1267	-851
MSEDCL DEMAND MET	15655	15245	15303	12678
Load Shedding	0	0	0	0
MSEDCL DEMAND	15655	15245	15303	12678
TPCL GENERATION	819	830	1108	553
AEML GENERATION	493	375	465	373
MUMBAI DEMAND	2924	2930	2840	1777
STATE DEMAND MET	18579	18175	18143	14455
STATE DEMAND	18579	18175	18143	14455
Frequency (Hz)	50.00	50.02	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.04 Hrs	49.74 Hz at 18.55 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 16/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	6.60	79.08	300	250
Unit 10	6.18	51.87	300	220
Total	12.79	141.14		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.78	149.02	450	345
Unit 5	0.00	0.00	0	0
Total	9.78	151.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	75.08	248	175
Unit 7	5.32	77.19	249	187
Unit 8	0.00	0.00	0	0
Total	10.51	152.26		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.56	46.87	130	98
Unit 5	6.98	108.11	300	267
Unit 6	7.20	103.52	310	281
Unit 7	0.00	0.00	0	0
Unit 8	6.64	113.44	400	150
Unit 9	6.66	107.99	399	210
Total	30.05	479.93		
Paras				
Unit 3	0.00	35.18	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	35.18		
Khaparkheda				
Unit 1	0.00	34.17	0	0
Unit 2	0.00	0.00	0	0
Unit 3	3.03	36.07	145	90
Unit 4	3.67	53.60	162	145
Unit 5	6.77	115.99	340	250
Total	13.47	239.83		
Nasik				
Unit 3	3.16	30.58	151	111
Unit 4	0.00	33.99	0	0
Unit 5	0.00	35.72	0	0
Total	3.16	100.29		
Uran				
All Units	3.02	27.70	132	121
Total	3.02	27.70		
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)	1.26	10.00	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.26	10.00		
Koyna				
Stage 1-2	5.80	44.00	565	40
Stage 4	10.61	127.53	755	0
Stage 3	3.81	53.06	240	0
Total	20.21	224.59		
Hydro				
KDPH	0.86	13.13	36	35
VTRNA	0.00	0.00	0	0
TILLARI	0.84	9.81	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	6.30	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	5.52	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.32	13.72	56	55
GHATGHAR	0.63	1.91	250	0
Total	4.29	50.38		
Wind				
Total	26.60	679.55	0	0
Total	26.60	679.55		
CPP				
APML(Mus)	54.82	753.63	0	0
JSWEL(Mus)	22.09	335.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	17.84	319.25	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.88	44.18	0	0
Total	97.62	1452.18		
SOLAR				
Total	5.04	63.89	0	0
Total	5.04	63.89		
Tata				
Trombay 5	8.24	123.00	454	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	4.52	75.16	210	159
TATA Hydro	5.94	62.46	462	81
Total	18.70	268.52		
AEML				
DTPS U-1&2	9.82	148.68	493	373
Total	9.82	148.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	79.77	1300.57	MSPGCL Total	107.29	1603.25
			MSPGCL Thml+Gas	82.79	1328.28	Koyna 1,2 & 4 Total	16.41	171.53
			MSPGCL Hydro	24.50	274.97	State Total	265.06	4216.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	3530	185	122	3837	887	3587	0	0	5454	5383	-996	12698	0	12698	1984	14682	50.02
2	3381	285	131	3797	990	3702	0	0	5075	5241	-882	12848	0	12848	1853	14701	50.01
3	3334	190	122	3646	1008	3715	0	0	5002	5160	-851	12678	0	12678	1777	14455	50.03
4	3496	220	122	3838	1058	3974	0	0	5073	4745	-801	12814	0	12814	1727	14541	50.04
5	3535	200	131	3866	1110	3952	0	0	5255	5156	-806	13278	0	13278	1729	15007	49.99
6	3508	551	122	4181	1180	4011	0	0	5791	5790	-931	14231	0	14231	1860	16091	49.99
7	3453	1549	131	5133	1021	4078	0	17	6000	6046	-1057	15238	0	15238	2045	17283	49.94
8	3388	1670	122	5180	1105	4104	0	144	6230	6333	-1095	15771	0	15771	2263	18034	50.00
9	3396	1591	121	5108	1131	4114	0	336	6409	6392	-1353	15728	0	15728	2607	18335	50.05
10	3414	1254	130	4798	1200	4136	0	537	6615	6596	-1612	15655	0	15655	2924	18579	50.00
11	3403	974	122	4499	1143	4162	0	602	6871	6835	-1866	15375	0	15375	3116	18491	50.01
12	3379	1150	131	4660	958	4165	0	618	6909	6985	-1987	15399	0	15399	3131	18530	50.01
13	3335	1199	121	4655	1047	4149	0	688	6558	6449	-1895	15093	0	15093	3056	18149	49.99
14	3255	708	132	4095	1269	3997	0	690	6621	6423	-1763	14711	0	14711	2918	17629	49.98
15	3095	1034	122	4251	1206	3910	0	626	6470	6622	-1799	14816	0	14816	2936	17752	49.99
16	3087	1366	131	4584	1423	4134	0	468	6235	6361	-1725	15245	0	15245	2930	18175	50.02
17	3172	1083	122	4377	1276	4173	0	231	6335	6250	-1672	14635	0	14635	2908	17543	49.99
18	3177	1403	121	4701	1346	4193	0	77	6175	6006	-1571	14752	0	14752	2870	17622	49.98
19	3179	1595	132	4906	1093	4253	0	2	5968	6048	-1352	14950	0	14950	2848	17798	49.94
20	3197	1931	122	5250	1115	4256	0	0	5690	5949	-1267	15303	0	15303	2840	18143	49.95
21	3261	1535	121	4917	1043	4319	0	0	5680	5476	-1108	14647	0	14647	2701	17348	49.93
22	3269	1064	132	4465	1005	4268	0	0	5633	5722	-1031	14429	0	14429	2563	16992	49.97
23	3317	973	122	4412	983	4178	0	0	5751	5633	-1188	14018	0	14018	2415	16433	49.98
24	3212	791	131	4134	998	4092	0	0	5686	5300	-1178	13346	0	13346	2307	15653	50.00
MUs	79.77	24.50	3.02	107.29	26.59	97.62	0.00	5.04	143.49	142.90	-31.79	347.66	0.00	347.66	60.31	407.97	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 16/Sep/2019

Position as on 6.30 Hrs of 17/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 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	Koyana 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.	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Sep/2019

Position as on 6.30 Hrs of 17/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	12/09/2019	00.01		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 4	210	12/09/2019	00.01		Continued.	zero schedule.	
MSPGCL	Uran Unit 6	108	12/09/2019	06.53		Continued.	Tripped during supply changeover	
MSPGCL	Nasik Unit 5	210	12/09/2019	16.20		Continued.	HP control valve problem	
MSPGCL	Khaparkheda Unit 1	210	13/09/2019	14.05		Continued.	Poor Coal	
IPP	RPL(AMT) U-4	270	16/09/2019	00.00		Continued.	Air heater problem	
MSPGCL	Chandrapur Unit-8	500	17/09/2019	02.23		Continued.	Electrical protection.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 17/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 II	InterState	10/09/2019	20.20		Continued.	HT	Over Voltage
Alkud-Solapur(PG)	InterState	16/09/2019	10.55		Continued.	PO	Quarterly Maintainance Work
Khadka-Aurangabad (Waluj)	IntraState	15/09/2019	15.34	16/09/2019	08.51	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	15/09/2019	22.23	16/09/2019	09.05	T	Over Voltage
Akola - Bhusawal	IntraState	16/09/2019	10.03		Continued.	PO	Restrining of conductor (RFC at 18.08).
Bus Coupler @ New Koyna	IntraState	16/09/2019	12.15	16/09/2019	17.49	EO	Replacement of faulty trip CKT.
Jaigad-Karad Ckt-II	IntraState	16/09/2019	23.33		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 I @Karad	IntraState	16/09/2019	10.44	16/09/2019	15.08	PO	Relay commissioning 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.
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)
Badnera - Nandgaonpeth	IntraState	13/09/2019	11.35		Continued.	PO	Erection and stringing of new D+9 Tower for proposed Railway Wagon repair(Up to 18-9-19)
Padegaon-Sawangi	IntraState	16/09/2019	09.12	16/09/2019	15.21	PO	CB O/H diagnostic testing and half yearly maintenance.
Malharpeth - Karad(400kv)	IntraState	16/09/2019	09.30	16/09/2019	18.09	EO	Replacement of B-PH wave trap.
220KV Chalisagaon-Kopergaon	IntraState	16/09/2019	10.44	16/09/2019	12.07	T	To attend Hot Spot
220KV Chalisagaon-Kopergaon	IntraState	16/09/2019	11.00	16/09/2019	12.07	EO	Attending Hot Spot on wavetrap.
Mururd - Tuljapur	IntraState	16/09/2019	11.17	16/09/2019	18.41	PO	Y-PH CT replacement work due to high tan delta value.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	16/09/2019	14.06	16/09/2019	18.05	T	Internal fault.

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