

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Sep/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	77.261	1377.834	1) Gujrat	18.313	212.309
2) Hydro	16.666	291.638	2) Madhya Pradesh	8.842	41.277
3) Gas	2.979	30.684	3) Chattisgarh	3.350	44.450
Total MSPGCL	96.906	1700.156	4) Maharashtra	127.134	1892.073
B) 1) APMIL	53.914	807.543	5) Goa (Amona)	-0.638	-11.946
2) JSWEL	23.203	358.325	Total	157.001	2178.163
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.898	397.758
4) RPL(AMT)	18.693	337.945	b) Mumbai Drawl	29.551	514.537
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.136	233.477
6) Other IPP	2.792	46.970	Include PX	4.263	18.572
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.898	397.758
C) 1) TPCL Thermal	15.009	213.176	Include PX	14.427	171.581
2) TPCL Hydro	5.624	68.089	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.888	159.572	1) MSEDCL	351.081	5686.128
D) STATE			2) Mumbai Discoms	61.071	963.250
1) Thermal	201.760	3301.365	TOTAL STATE	412.152	6649.378
(A1+C1+C4+(B1-B6))					
2) Hydro	22.290	359.727			
(A2+C2)					
3) Gas	2.979	38.568			
(A3+B7+C3)					
4) Wind	23.232	702.779			
6) SOLAR	4.891	68.784			
TOTAL STATE	255.152	4471.223			

* 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 3 Hrs
MSPGCL Thermal	3400	3263	3183	3103
MSPGCL Hydro	446	417	1531	713
MSPGCL Gas	121	122	122	131
MSPGCL Total Generation	3967	3802	4836	3947
Central Sector Receipt	7897	7568	6174	5011
WIND	922	637	1156	1050
CPP / IPP Thermal	4129	4194	4222	3915
CPP / IPP Gas	0	0	0	0
SOLAR	636	640	0	0
Exchange with Mumbai	-1883	-1678	-1218	-861
MSEDCL DEMAND MET	15668	15163	15170	13062
Load Shedding	0	0	0	0
MSEDCL DEMAND	15668	15163	15170	13062
TPCL GENERATION	831	915	1070	661
AEML GENERATION	411	492	493	374
MUMBAI DEMAND	3125	3085	2781	1896
STATE DEMAND MET	18793	18248	17951	14958
STATE DEMAND	18793	18248	17951	14958
Frequency (Hz)	49.97	50.02	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 22.01 Hrs	49.81 Hz at 17.49 Hrs	50.01	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 17/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	6.97	86.05	335	260
Unit 10	6.99	58.86	350	241
Total	13.96	155.10		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.56	158.58	455	345
Unit 5	0.00	0.00	0	0
Total	9.56	161.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	80.07	236	190
Unit 7	5.03	82.22	234	187
Unit 8	0.00	0.00	0	0
Total	10.02	162.29		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.11	49.98	140	105
Unit 5	6.98	115.09	300	260
Unit 6	7.11	110.63	340	264
Unit 7	0.00	0.00	0	0
Unit 8	0.69	114.13	310	0
Unit 9	8.10	116.09	391	212
Total	25.99	505.92		
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	3.44	39.52	156	116
Unit 4	3.77	57.37	175	150
Unit 5	7.07	123.06	300	290
Total	14.29	254.12		
Nasik				
Unit 3	3.44	34.02	150	132
Unit 4	0.00	33.99	0	0
Unit 5	0.00	35.72	0	0
Total	3.44	103.72		
Uran				
All Units	2.98	30.68	132	121
Total	2.98	30.68		
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	11.26	54	48

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	11.26		
Koyna				
Stage 1-2	3.04	47.03	495	40
Stage 4	7.18	134.71	750	0
Stage 3	3.07	56.13	240	0
Total	13.29	237.88		
Hydro				
KDPH	0.88	14.01	37	31
VTRNA	0.00	0.00	0	0
TILLARI	0.52	10.33	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	6.56	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	5.86	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.95	14.67	40	39
GHATGHAR	0.42	2.33	215	0
Total	3.38	53.76		
Wind				
Total	23.23	702.78	0	0
Total	23.23	702.78		
CPP				
APML(Mus)	53.91	807.54	0	0
JSWEL(Mus)	23.20	358.32	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.69	337.94	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.79	46.97	0	0
Total	98.60	1550.78		
SOLAR				
Total	4.89	68.78	0	0
Total	4.89	68.78		
Tata				
Trombay 5	10.03	133.03	467	314
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	4.98	80.14	215	198
TATA Hydro	5.62	68.09	447	147
Total	20.63	289.15		
AEML				
DTPS U-1&2	10.89	159.57	496	373
Total	10.89	159.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	77.26	1377.83	MSPGCL Total	96.91	1700.16
			MSPGCL Thml+Gas	80.24	1408.52	Koyna 1,2 & 4 Total	10.22	181.74
			MSPGCL Hydro	16.67	291.64	State Total	255.15	4471.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	3299	763	122	4184	998	3894	0	0	5404	5298	-1097	13277	0	13277	2160	15437	49.95
2	3309	813	122	4244	964	3899	0	0	5236	5157	-964	13300	0	13300	2000	15300	50.02
3	3103	713	131	3947	1050	3915	0	0	5094	5011	-861	13062	0	13062	1896	14958	50.03
4	3016	850	122	3988	1052	4022	0	0	4827	5004	-796	13270	0	13270	1833	15103	50.04
5	3044	910	131	4085	1048	4048	0	0	5078	5383	-787	13777	0	13777	1821	15598	50.03
6	3095	1112	122	4329	1088	4107	0	0	5828	6136	-898	14762	0	14762	1932	16694	50.02
7	3253	1511	122	4886	1057	4170	0	16	6620	6614	-917	15826	0	15826	2124	17950	49.99
8	3354	1220	131	4705	857	4201	0	173	7062	7127	-1028	16035	0	16035	2342	18377	50.02
9	3383	1146	122	4651	922	4231	0	345	7299	7289	-1340	16098	0	16098	2655	18753	50.01
10	3370	691	132	4193	931	4210	0	581	7636	7434	-1635	15714	0	15714	2965	18679	50.02
11	3400	446	121	3967	922	4129	0	636	7794	7897	-1883	15668	0	15668	3125	18793	49.97
12	3316	636	132	4084	758	4203	0	594	7869	7638	-1854	15423	0	15423	3182	18605	49.97
13	3263	417	122	3802	637	4194	0	640	7830	7568	-1678	15163	0	15163	3085	18248	50.02
14	3220	208	121	3549	866	4082	0	623	7503	7580	-1535	15165	0	15165	2923	18088	50.05
15	3141	206	122	3469	770	4156	0	520	7531	7585	-1597	14903	0	14903	2944	17847	50.02
16	3165	351	121	3637	915	4037	0	427	7499	7441	-1554	14903	0	14903	2935	17838	50.00
17	3210	185	122	3517	1201	3998	0	250	7614	7421	-1418	14969	0	14969	2893	17862	50.01
18	3108	167	122	3397	1269	3958	0	82	7378	7145	-1487	14364	0	14364	2847	17211	49.97
19	3205	1097	121	4423	1348	4115	0	4	6455	6267	-1262	14895	0	14895	2826	17721	49.95
20	3183	1531	122	4836	1156	4222	0	0	6046	6174	-1218	15170	0	15170	2781	17951	50.04
21	3195	750	122	4067	1016	4190	0	0	6029	6243	-1044	14472	0	14472	2655	17127	50.03
22	3176	485	131	3792	839	4136	0	0	5939	6026	-933	13860	0	13860	2505	16365	50.04
23	3207	302	122	3631	817	4214	0	0	5913	5883	-892	13653	0	13653	2384	16037	50.03
24	3246	156	121	3523	751	4271	0	0	5839	5680	-873	13352	0	13352	2259	15611	50.02
MUs	77.26	16.67	2.98	96.91	23.23	98.60	0.00	4.89	157.32	157.00	-29.55	351.08	0.00	351.08	61.07	412.15	50.01

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 17/Sep/2019

Position as on 6.30 Hrs of 18/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 17/Sep/2019

Position as on 6.30 Hrs of 18/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	18/09/2019	02.09	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	17/09/2019	21.55	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 17/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 18/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
Akola - Bhusawal	IntraState	16/09/2019	10.03	17/09/2019	07.18	PO	Restrining of conductor.
Jaigad-Karad Ckt-II	IntraState	16/09/2019	23.50	17/09/2019	09.25	HT	Over Voltage
Warora-Chandrapur-II ckt-2	IntraState	17/09/2019	08.24	17/09/2019	13.36	PO	Routine Maintenance Work
Main Bus II @ Chandrapur SW	IntraState	17/09/2019	12.00	17/09/2019	18.25	PO	Diagnositc Testing Allied Bay Maintenance Work.
Padghe - Nagothane - I	IntraState	17/09/2019	12.15	17/09/2019	17.39	EO	Attending Hot Spot ON R-PH BPI At Padghe End.
Khadka-Aurangabad (Waluj)	IntraState	17/09/2019	17.34		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	17/09/2019	17.52		Continued.	T	Distance Protection
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, 500 MVA ICT-II @Deepnagar	IntraState	17/09/2019	08.24	17/09/2019	17.01	PO	CT Clamps Replacement Work.
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	17/09/2019	09.24	17/09/2019	14.28	EO	Y-ph Insulator String Hardware Hot Spot attending.
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)
Nigade- Peth Line	IntraState	17/09/2019	10.10	17/09/2019	12.48	PO	Quarterly Maintainance Work
Dondaicha- Shahada	IntraState	17/09/2019	12.47	17/09/2019	13.35	T	Distance Protection
Padghe - Kambha	IntraState	17/09/2019	12.57	17/09/2019	20.34	T	Distance Protection
Satara (MIDC)-Ajinkyatara	IntraState	17/09/2019	15.50	17/09/2019	17.39	PO	Routine Maintenance Work
Padghe-Kamba II	IntraState	17/09/2019	17.35	17/09/2019	20.32	PO	Saftey Pupose:Outage Aailed On Padgha Kambha.
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	17/09/2019	18.01	17/09/2019	19.59	PO	To Attend Tracking Sound in 33KV Cable Compartment.

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