

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.816	93.816	1) Gujrat	10.164	10.164
2) Hydro	5.462	5.462	2) Madhya Pradesh	4.460	4.460
3) Gas	6.210	6.210	3) Chattisgarh	1.960	1.960
Total MSPGCL	105.488	105.488	4) Maharashtra	101.262	101.262
B) 1) APLM	50.645	50.645	5) Goa (Amona)	-0.396	-0.396
2) JSWEL	20.038	20.038	Total	117.450	117.450
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.883	17.883
4) RPL(AMT)	17.357	17.357	b) Mumbai Drawl	26.487	26.487
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.257	11.257
6) Other IPP	2.640	2.640	Include PX	-0.233	-0.233
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.883	17.883
C) 1) TPCL Thermal	12.230	12.230	Include PX	6.237	6.237
2) TPCL Hydro	0.529	0.529	Standby	0.000	0.000
3) TPCL Gas	3.263	3.263	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.955	8.955	1) MSEDCL	323.104	323.104
D) STATE			2) Mumbai Discoms	51.464	51.464
1) Thermal	205.681	205.681	TOTAL STATE	374.568	374.568
(A1+C1+C4+(B1-B6))					
2) Hydro	5.991	5.991			
(A2+C2)					
3) Gas	9.473	9.473			
(A3+B7+C3)					
4) Wind	32.407	32.407			
6) SOLAR	3.566	3.566			
TOTAL STATE	257.118	257.118			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4125	3945	3604	4066
MSPGCL Hydro	206	160	406	122
MSPGCL Gas	251	271	261	250
MSPGCL Total Generation	4582	4376	4271	4438
Central Sector Receipt	5604	5074	5064	4208
WIND	1496	1840	1748	975
CPP / IPP Thermal	3842	3684	4138	3654
CPP / IPP Gas	0	0	0	0
SOLAR	516	524	0	0
Exchange with Mumbai	-1294	-1273	-1233	-908
MSEDCL DEMAND MET	14746	14225	13988	12367
Load Shedding	0	0	0	0
MSEDCL DEMAND	14746	14225	13988	12367
TPCL GENERATION	668	653	714	629
AEML GENERATION	375	374	373	373
MUMBAI DEMAND	2337	2300	2320	1910
STATE DEMAND MET	17083	16525	16308	14277
STATE DEMAND	17083	16525	16308	14277
Frequency (Hz)	50.02	50.01	50.04	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.03 Hrs	49.82 Hz at 18.49 Hrs	50.02	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/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.50	2.50	155	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	5.81	5.81	285	125
Unit 10	5.66	5.66	300	170
Total	13.98	13.98		
Bhusawal				
Unit 3	2.92	2.92	195	0
Unit 4	9.46	9.46	490	350
Unit 5	0.00	0.00	0	0
Total	12.37	12.37		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.95	4.95	237	188
Unit 7	4.90	4.90	248	194
Unit 8	0.00	0.00	0	0
Total	9.84	9.84		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.54	3.54	160	124
Unit 5	7.74	7.74	362	280
Unit 6	4.88	4.88	230	165
Unit 7	0.00	0.00	0	0
Unit 8	7.98	7.98	400	237
Unit 9	7.67	7.67	390	195
Total	31.81	31.81		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	2.90	2.90	155	100
Unit 2	0.00	0.00	0	0
Unit 3	3.42	3.42	165	126
Unit 4	2.75	2.75	150	0
Unit 5	5.87	5.87	330	190
Total	14.94	14.94		
Nasik				
Unit 3	3.67	3.67	165	135
Unit 4	3.81	3.81	167	142
Unit 5	3.39	3.39	167	0
Total	10.88	10.88		
Uran				
All Units	6.21	6.21	271	250
Total	6.21	6.21		
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)	0.02	0.02	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.02		
Koyna				
Stage 1-2	2.08	2.08	310	40
Stage 4	0.00	0.00	0	0
Stage 3	1.17	1.17	154	0
Total	3.25	3.25		
Hydro				
KDPH	0.85	0.85	36	35
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.	0.39	0.39	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	0.35	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	0.63	27	26
GHATGHAR	0.00	0.00	0	0
Total	2.21	2.21		
Wind				
Total	32.41	32.41	0	0
Total	32.41	32.41		
CPP				
APML(Mus)	50.64	50.64	0	0
JSWEL(Mus)	20.04	20.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	17.36	17.36	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.64	2.64	0	0
Total	90.68	90.68		
SOLAR				
Total	3.57	3.57	0	0
Total	3.57	3.57		
Tata				
Trombay 5	7.47	7.47	361	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.93	1.93	84	79
Trombay 7B	1.33	1.33	57	54
Trombay 8	4.76	4.76	201	194
TATA Hydro	0.53	0.53	120	0
Total	16.02	16.02		
AEML				
DTPS U-1&2	8.96	8.96	375	371
Total	8.96	8.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.82	93.82	MSPGCL Total	105.49	105.49
			MSPGCL Thml+Gas	100.03	100.03	Koyna 1,2 & 4 Total	2.08	2.08
			MSPGCL Hydro	5.46	5.46	State Total	257.12	257.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4071	117	260	4448	1309	3793	0	0	4748	4465	-1253	12762	0	12762	2272	15034	49.98
2	4003	117	250	4370	1021	3682	0	0	4394	4340	-1108	12305	0	12305	2114	14419	49.97
3	4048	117	269	4434	974	3599	0	0	4326	4364	-978	12393	0	12393	1977	14370	49.98
4	4066	122	250	4438	975	3654	0	0	4356	4208	-908	12367	0	12367	1910	14277	50.01
5	4092	117	261	4470	821	3692	0	0	4494	4389	-869	12503	0	12503	1869	14372	50.01
6	4095	135	260	4490	697	4067	0	0	4951	4931	-903	13282	0	13282	1914	15196	50.04
7	4282	196	261	4739	808	4281	0	17	5507	5406	-851	14400	0	14400	1926	16326	50.04
8	4133	204	251	4588	756	4117	0	102	5759	5882	-934	14511	0	14511	1970	16481	50.02
9	4148	344	271	4763	830	4216	0	211	5503	5618	-1055	14583	0	14583	2085	16668	50.02
10	4323	236	252	4811	905	4047	0	379	5621	5680	-1179	14643	0	14643	2213	16856	50.03
11	4163	255	260	4678	1113	3830	0	493	5598	5722	-1257	14579	0	14579	2298	16877	50.03
12	4125	206	251	4582	1496	3842	0	516	5754	5604	-1294	14746	0	14746	2337	17083	50.02
13	3945	160	271	4376	1840	3684	0	524	5591	5074	-1273	14225	0	14225	2300	16525	50.01
14	3921	165	252	4338	1764	3384	0	454	4928	4874	-1177	13637	0	13637	2204	15841	50.01
15	3834	443	260	4537	1798	3333	0	327	4527	4890	-1122	13763	0	13763	2153	15916	50.00
16	3713	245	261	4219	1934	3389	0	316	5104	4434	-1083	13209	0	13209	2115	15324	50.05
17	3761	141	261	4163	1972	3397	0	154	4709	4378	-1083	12981	0	12981	2115	15096	50.07
18	3701	245	251	4197	1914	3398	0	67	4516	4364	-1085	12855	0	12855	2117	14972	50.01
19	3488	432	262	4182	1712	3575	0	6	4842	4927	-1159	13243	0	13243	2214	15457	50.01
20	3604	406	261	4271	1748	4138	0	0	5376	5064	-1233	13988	0	13988	2320	16308	50.04
21	3555	289	261	4105	1638	4115	0	0	4867	4789	-1226	13421	0	13421	2307	15728	50.02
22	3516	369	252	4137	1510	4076	0	0	4679	4562	-1157	13128	0	13128	2287	15415	50.00
23	3537	260	271	4068	1539	3828	0	0	4896	4765	-1163	13037	0	13037	2248	15285	50.02
24	3692	141	251	4084	1333	3543	0	0	4743	4720	-1137	12543	0	12543	2199	14742	50.03
MUs	93.82	5.46	6.21	105.49	32.41	90.68	0.00	3.57	119.79	117.45	-26.49	323.10	0.00	323.10	51.46	374.57	50.02

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/Sep/2019

Position as on 6.30 Hrs of 02/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)	
IPP	RPL(AMT) U-2	270	25/07/2019	02.00	01/09/2019	16.06	Zero Schedule(Converted to AOH from 13.08.2019 at 00.00 Hrs)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedda 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 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.	Coal Shortage	
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	Paras Unit 3	250	31/08/2019	01.12		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	31/08/2019	16.21		Continued.	W/D Due To Wet Coal.	
MSPGCL	Koradi Unit 6	210	31/08/2019	22.15	01/09/2019	03.18	Flame Failure	
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	

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

Position as on 6.30 Hrs of 02/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	01/09/2019	14.41	01/09/2019	19.05	Furnace Pressure High	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	01/09/2019	20.52	01/09/2019	22.30	Earth Fault	
IPP	RPL(AMT) U-2	270	01/09/2019	21.49	02/09/2019	04.24	Turbine Vibration High.	

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

Statement-VII

Position as on 6.30 Hrs of 02/Sep/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	01/09/2019	09.22	01/09/2019	20.06	PO	Annual Maintenance of Line Equipments : Kept Open On High Voltage (RCF):18:42Hrs 31/13.
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
Khadka-Aurangabad (Waluj)	IntraState	29/08/2019	17.36		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/09/2019	01.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/09/2019	22.05		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/09/2019	02.13		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.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	31/08/2019	04.48	01/09/2019	12.25	T	Bucchoz Alarm.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	01/09/2019	09.21	01/09/2019	11.30	PO	Oil Top Up Work In R Ph OLTC & Y Ph Main Tank.
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)
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	01/09/2019	01.46	01/09/2019	12.56	T	R-Phase Insulator String Flashover At Location No.1
Salsette Borivli 2	IntraState	01/09/2019	10.10	01/09/2019	14.00	PO	Compound Leakage In Cable.
220 KV ICT Outages/Trippings							
200KV 250MVA ICT-1@Borivali (T)	IntraState	01/09/2019	09.32	01/09/2019	14.30	PO	Testing Work
220/22-22 Kv 100 Mva Aval Ptr 1 @Wada	IntraState	01/09/2019	19.15	02/09/2019	04.40	T	LV2 R phase LA Burst

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