

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Sep/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	80.736	1135.917	1) Gujrat	15.352	161.860
2) Hydro	21.028	228.501	2) Madhya Pradesh	6.141	21.155
3) Gas	2.973	21.702	3) Chattisgarh	2.530	37.030
Total MSPGCL	104.737	1386.120	4) Maharashtra	107.564	1539.095
B) 1) APML	43.948	654.863	5) Goa (Amona)	-0.748	-9.922
2) JSWEL	20.779	293.194	Total	130.839	1749.218
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.338	324.435
4) RPL(AMT)	19.985	280.585	b) Mumbai Drawl	32.097	427.118
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.923	188.372
6) Other IPP	2.682	38.508	Include PX	1.981	12.530
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.338	324.435
C) 1) TPCL Thermal	11.942	173.849	Include PX	11.309	138.475
2) TPCL Hydro	4.504	52.728	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.296	129.709	1) MSEDCL	332.892	4655.538
D) STATE			2) Mumbai Discoms	57.839	791.281
1) Thermal	189.368	2706.625	TOTAL STATE	390.731	5446.819
(A1+C1+C4+(B1-B6))					
2) Hydro	25.532	281.229			
(A2+C2)					
3) Gas	2.973	29.586			
(A3+B7+C3)					
4) Wind	38.544	624.456			
6) SOLAR	3.475	55.712			
TOTAL STATE	259.892	3697.608			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3360	3367	3462	3336
MSPGCL Hydro	1051	1067	1439	947
MSPGCL Gas	120	120	122	120
MSPGCL Total Generation	4531	4554	5023	4403
Central Sector Receipt	6455	6072	5615	4059
WIND	1811	1580	1491	1367
CPP / IPP Thermal	3602	3501	4063	3495
CPP / IPP Gas	0	0	0	0
SOLAR	253	457	0	0
Exchange with Mumbai	-1277	-1812	-1343	-908
MSEDCL DEMAND MET	15375	14352	14849	12416
Load Shedding	0	0	0	0
MSEDCL DEMAND	15375	14352	14849	12416
TPCL GENERATION	693	689	904	568
AEML GENERATION	373	375	481	375
MUMBAI DEMAND	2343	2876	2728	1851
STATE DEMAND MET	17718	17228	17577	14267
STATE DEMAND	17718	17228	17577	14267
Frequency (Hz)	50.01	50.03	50.04	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.02 Hrs	49.81 Hz at 21.07 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 14/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	6.89	65.64	310	215
Unit 10	6.80	37.69	320	240
Total	13.69	113.52		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.38	129.24	500	340
Unit 5	0.00	0.00	0	0
Total	9.38	132.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.82	65.01	230	190
Unit 7	4.77	66.91	226	187
Unit 8	0.00	0.00	0	0
Total	9.58	131.92		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.04	41.25	146	99
Unit 5	6.45	93.91	295	215
Unit 6	7.02	89.17	310	270
Unit 7	0.00	0.00	0	0
Unit 8	8.00	98.47	371	292
Unit 9	7.65	93.76	360	265
Total	32.17	416.56		
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	2.93	30.57	143	100
Unit 4	3.60	46.00	170	130
Unit 5	6.16	101.98	271	230
Total	12.69	212.72		
Nasik				
Unit 3	3.23	24.17	145	126
Unit 4	0.00	33.99	0	0
Unit 5	0.00	35.72	0	0
Total	3.23	93.87		
Uran				
All Units	2.97	21.70	132	119
Total	2.97	21.70		
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	7.46	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.26	7.46		
Koyna				
Stage 1-2	2.89	35.94	445	40
Stage 4	11.26	104.72	752	0
Stage 3	3.47	45.13	240	80
Total	17.62	185.79		
Hydro				
KDPH	0.86	11.40	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.54	8.70	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	5.74	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	4.82	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.99	11.10	42	41
GHATGHAR	0.26	0.94	125	0
Total	3.41	42.71		
Wind				
Total	38.54	624.46	0	0
Total	38.54	624.46		
CPP				
APML(Mus)	43.95	654.86	0	0
JSWEL(Mus)	20.78	293.19	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.98	280.58	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.68	38.51	0	0
Total	87.39	1267.15		
SOLAR				
Total	3.48	55.71	0	0
Total	3.48	55.71		
Tata				
Trombay 5	7.36	107.41	380	295
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	4.58	66.44	215	181
TATA Hydro	4.50	52.73	343	75
Total	16.45	234.46		
AEML				
DTPS U-1&2	9.30	129.71	489	373
Total	9.30	129.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	80.74	1135.92	MSPGCL Total	104.74	1386.12
			MSPGCL Thml+Gas	83.71	1157.62	Koyna 1,2 & 4 Total	14.15	140.66
			MSPGCL Hydro	21.03	228.50	State Total	259.89	3697.61

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 14/Sep/2019

Annexure-2

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	3312	473	130	3915	1549	3514	0	0	4453	4445	-1053	12370	0	12370	2112	14482	49.95
2	3321	720	119	4160	1517	3500	0	0	4108	4240	-953	12464	0	12464	1961	14425	50.04
3	3336	947	120	4403	1367	3495	0	0	4096	4059	-908	12416	0	12416	1851	14267	50.03
4	3311	623	129	4063	1500	3517	0	0	4583	4459	-868	12671	0	12671	1795	14466	50.01
5	3316	292	120	3728	1597	3550	0	0	4830	4965	-850	12990	0	12990	1780	14770	50.01
6	3359	292	120	3771	1638	3839	0	0	5320	5535	-893	13890	0	13890	1875	15765	49.99
7	3351	401	119	3871	1487	3923	0	18	6483	6199	-819	14679	0	14679	1986	16665	49.96
8	3351	528	130	4009	1439	3739	0	125	6564	6893	-1078	15127	0	15127	2119	17246	50.02
9	3360	1051	120	4531	1811	3602	0	253	6088	6455	-1277	15375	0	15375	2343	17718	50.01
10	3334	946	120	4400	1806	3593	0	414	6049	6160	-1563	14810	0	14810	2622	17432	50.04
11	3318	923	130	4371	1808	3583	0	412	6170	6324	-1760	14738	0	14738	2842	17580	50.00
12	3397	926	121	4444	1746	3563	0	445	6254	6241	-1856	14583	0	14583	2925	17508	50.04
13	3367	1067	120	4554	1580	3501	0	457	5905	6072	-1812	14352	0	14352	2876	17228	50.03
14	3351	897	130	4378	1772	3496	0	437	5571	5482	-1728	13837	0	13837	2736	16573	50.02
15	3325	852	121	4298	2018	3487	0	421	5485	5378	-1713	13889	0	13889	2739	16628	50.01
16	3365	1012	121	4498	2095	3495	0	280	5391	5424	-1717	14075	0	14075	2725	16800	50.04
17	3408	1103	132	4643	2074	3472	0	152	5066	5296	-1638	13999	0	13999	2677	16676	50.03
18	3407	1178	121	4706	1971	3481	0	57	5202	5245	-1614	13846	0	13846	2674	16520	50.00
19	3457	1354	132	4943	1760	3722	0	4	5338	5471	-1511	14389	0	14389	2709	17098	49.97
20	3462	1439	122	5023	1491	4063	0	0	5605	5615	-1343	14849	0	14849	2728	17577	50.04
21	3396	1150	121	4667	1319	3979	0	0	5491	5467	-1370	14062	0	14062	2621	16683	49.98
22	3376	1006	132	4514	1225	3954	0	0	5388	5331	-1287	13737	0	13737	2498	16235	49.99
23	3381	941	122	4444	1048	3715	0	0	5327	5143	-1248	13102	0	13102	2365	15467	49.99
24	3375	907	121	4403	926	3611	0	0	5313	4940	-1238	12642	0	12642	2280	14922	50.02
MUs	80.74	21.03	2.97	104.74	38.54	87.39	0.00	3.47	130.08	130.84	-32.10	332.89	0.00	332.89	57.84	390.73	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 14/Sep/2019

Position as on 6.30 Hrs of 15/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 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	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 14/Sep/2019

Position as on 6.30 Hrs of 15/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 15/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
Dhule- Bableshwar - I	IntraState	12/09/2019	18.16	14/09/2019	08.55	HT	Over Voltage
Koradi-Bhusawal	IntraState	13/09/2019	11.24	14/09/2019	11.25	PO	Line diversion work under ORC(RFC at 19.44Hrs)
karad -kolhapur-I	IntraState	14/09/2019	09.54	15/09/2019	11.08	HT	Over Voltage
Koradi-Bhusawal	IntraState	14/09/2019	11.24	14/09/2019	11.25	PO	Line Divrstion Work Under ORC.
Khadka-Aurangabad (Waluj)	IntraState	14/09/2019	16.43	15/09/2019	09.44	HT	Over Voltage
Koradi-Bhusawal	IntraState	15/09/2019	03.55	15/09/2019	11.50	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/09/2019	15.34		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	15/09/2019	22.23		Continued.	T	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.
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)
Kandalgaon - Koyna (Pophali)	IntraState	14/09/2019	08.35	14/09/2019	11.55	PO	Y-PH Breaker To CT Conductor Replacement.
Pigasus-Hinjewadi-II	IntraState	14/09/2019	10.01	14/09/2019	11.06	PO	String Replacement Work.
Peth- Mudshingi -I	IntraState	14/09/2019	10.01	14/09/2019	11.20	PO	CT oil Leakage attending Work.
Main Bus-I @ Hinjewadi-II	IntraState	14/09/2019	10.05	14/09/2019	12.29	PO	Annual Maintenance Work
Kolshet-Roma	IntraState	14/09/2019	21.45	14/09/2019	07.55	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/09/2019	02.16	15/09/2019	02.48	T	Distance Protection,Mudshingi End Only.
Malharpeth - Karad(400kv)	IntraState	15/09/2019	02.16	15/09/2019	11.35	T	Distance Protection,Wavetrap & L.A Burst At Karad End.
Karad - Vita Ckt- I	IntraState	15/09/2019	09.49	15/09/2019	17.47	T	Distance Protection
Karad(400kv) - Wathar	IntraState	15/09/2019	19.37	15/09/2019	23.30	T	Distance Protection

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