

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Sep/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	84.883	1220.800	1) Gujrat	15.136	176.996
2) Hydro	21.970	250.471	2) Madhya Pradesh	4.736	25.891
3) Gas	2.987	24.689	3) Chattisgarh	1.700	38.730
Total MSPGCL	109.840	1495.960	4) Maharashtra	108.043	1647.138
B) 1) APMIL	43.948	698.811	5) Goa (Amona)	-0.572	-10.494
2) JSWEL	19.841	313.035	Total	129.043	1878.261
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.523	343.958
4) RPL(AMT)	20.825	301.410	b) Mumbai Drawl	26.082	453.200
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.301	201.673
6) Other IPP	2.795	41.303	Include PX	0.588	13.118
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.523	343.958
C) 1) TPCL Thermal	11.564	185.413	Include PX	6.294	144.768
2) TPCL Hydro	3.794	56.522	Standby	0.000	0.000
3) TPCL Gas	0.000	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.150	138.859	1) MSEDCL	331.851	4987.389
D) STATE			2) Mumbai Discoms	50.590	841.871
1) Thermal	193.006	2899.631	TOTAL STATE	382.441	5829.260
(A1+C1+C4+(B1-B6))					
2) Hydro	25.764	306.993			
(A2+C2)					
3) Gas	2.987	32.573			
(A3+B7+C3)					
4) Wind	28.496	652.952			
6) SOLAR	3.145	58.857			
TOTAL STATE	253.398	3951.006			

* 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 3 Hrs
MSPGCL Thermal	3442	3506	3844	3264
MSPGCL Hydro	1348	1046	539	1032
MSPGCL Gas	120	120	131	121
MSPGCL Total Generation	4910	4672	4514	4417
Central Sector Receipt	6237	5427	5684	4801
WIND	1048	1451	1342	913
CPP / IPP Thermal	3460	3440	4095	3490
CPP / IPP Gas	0	0	0	0
SOLAR	340	466	0	0
Exchange with Mumbai	-1230	-1371	-903	-945
MSEDCL DEMAND MET	14765	14085	14732	12676
Load Shedding	0	0	0	0
MSEDCL DEMAND	14765	14085	14732	12676
TPCL GENERATION	573	581	895	597
AEML GENERATION	374	374	482	373
MUMBAI DEMAND	2177	2326	2280	1915
STATE DEMAND MET	16942	16411	17012	14591
STATE DEMAND	16942	16411	17012	14591
Frequency (Hz)	50.03	50.01	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 16.03 Hrs	49.81 Hz at 18.13 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 15/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	6.84	72.48	320	260
Unit 10	8.00	45.68	417	270
Total	14.84	128.35		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	10.00	139.24	500	355
Unit 5	0.00	0.00	0	0
Total	10.00	142.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.87	69.88	243	180
Unit 7	4.96	71.87	249	191
Unit 8	0.00	0.00	0	0
Total	9.83	141.75		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	44.31	140	114
Unit 5	7.21	101.12	320	280
Unit 6	7.16	96.32	310	280
Unit 7	0.00	0.00	0	0
Unit 8	8.33	106.80	430	297
Unit 9	7.57	101.33	397	252
Total	33.32	449.88		
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	2.47	33.04	110	100
Unit 4	3.93	49.92	170	160
Unit 5	7.24	109.22	350	270
Total	13.64	226.36		
Nasik				
Unit 3	3.25	27.42	142	114
Unit 4	0.00	33.99	0	0
Unit 5	0.00	35.72	0	0
Total	3.25	97.12		
Uran				
All Units	2.99	24.69	132	120
Total	2.99	24.69		
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	8.73	54	50

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.27	8.73		
Koyna				
Stage 1-2	2.26	38.20	330	40
Stage 4	12.20	116.92	750	0
Stage 3	4.13	49.26	240	0
Total	18.59	204.38		
Hydro				
KDPH	0.86	12.27	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.28	8.97	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	6.01	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	5.17	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.29	12.39	55	53
GHATGHAR	0.34	1.28	233	0
Total	3.38	46.09		
Wind				
Total	28.50	652.95	0	0
Total	28.50	652.95		
CPP				
APML(Mus)	43.95	698.81	0	0
JSWEL(Mus)	19.84	313.04	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.82	301.41	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.80	41.30	0	0
Total	87.41	1354.56		
SOLAR				
Total	3.14	58.86	0	0
Total	3.14	58.86		
Tata				
Trombay 5	7.35	114.76	404	289
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	4.21	70.65	206	132
TATA Hydro	3.79	56.52	371	81
Total	15.36	249.82		
AEML				
DTPS U-1&2	9.15	138.86	482	373
Total	9.15	138.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	84.88	1220.80	MSPGCL Total	109.84	1495.96
			MSPGCL Thml+Gas	87.87	1245.49	Koyna 1,2 & 4 Total	14.46	155.12
			MSPGCL Hydro	21.97	250.47	State Total	253.40	3951.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	3342	1021	132	4495	898	3537	0	0	5221	5252	-1161	13021	0	13021	2165	15186	49.98
2	3250	1058	122	4430	968	3507	0	0	5075	5058	-1031	12932	0	12932	2022	14954	49.98
3	3264	1032	121	4417	913	3490	0	0	4742	4801	-945	12676	0	12676	1915	14591	49.99
4	3273	978	132	4383	1013	3516	0	0	4878	4787	-916	12783	0	12783	1854	14637	50.01
5	3320	989	122	4431	894	3532	0	0	4980	5152	-883	13126	0	13126	1820	14946	49.98
6	3498	1329	121	4948	875	3716	0	0	5143	5272	-927	13884	0	13884	1864	15748	50.01
7	3632	1336	132	5100	747	3777	0	12	6010	5746	-936	14446	0	14446	1872	16318	50.01
8	3533	1170	122	4825	785	3738	0	95	6196	6246	-958	14731	0	14731	1924	16655	50.05
9	3545	1169	121	4835	1021	3675	0	186	6185	6259	-1088	14888	0	14888	2041	16929	50.03
10	3442	1348	120	4910	1048	3460	0	340	6186	6237	-1230	14765	0	14765	2177	16942	50.03
11	3507	1078	131	4716	1203	3452	0	386	6114	6100	-1340	14517	0	14517	2298	16815	50.05
12	3516	1154	121	4791	1201	3450	0	408	5967	5936	-1425	14361	0	14361	2365	16726	50.03
13	3506	1046	120	4672	1451	3440	0	466	5756	5427	-1371	14085	0	14085	2326	16411	50.01
14	3495	951	121	4567	1793	3443	0	395	5217	4942	-1252	13888	0	13888	2220	16108	50.02
15	3516	961	131	4608	1956	3445	0	365	4688	4658	-1179	13853	0	13853	2161	16014	50.02
16	3532	1136	120	4788	1765	3442	0	271	4446	4549	-1107	13708	0	13708	2121	15829	50.02
17	3525	1190	121	4836	1696	3524	0	141	4526	4737	-1092	13842	0	13842	2103	15946	50.01
18	3522	952	130	4604	1588	3580	0	59	4955	4917	-1060	13688	0	13688	2088	15776	49.95
19	3712	535	121	4368	1308	3894	0	21	5684	5389	-1059	13921	0	13921	2162	16083	49.94
20	3844	539	131	4514	1342	4095	0	0	5856	5684	-903	14732	0	14732	2280	17012	50.01
21	3825	278	120	4223	1258	4050	0	0	5445	5555	-979	14107	0	14107	2281	16388	49.99
22	3822	300	122	4244	1057	4046	0	0	5303	5317	-1043	13620	0	13620	2233	15854	49.98
23	3766	225	131	4122	938	3821	0	0	5515	5517	-1109	13289	0	13289	2186	15475	50.01
24	3696	195	122	4013	778	3779	0	0	5539	5505	-1088	12987	0	12987	2112	15099	50.02
MUs	84.88	21.97	2.99	109.84	28.50	87.41	0.00	3.15	129.63	129.04	-26.08	331.85	0.00	331.85	50.59	382.44	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 15/Sep/2019

Position as on 6.30 Hrs of 16/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 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 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	Koyna 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 15/Sep/2019

Position as on 6.30 Hrs of 16/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 16/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
karad -kolhapur-I	IntraState	14/09/2019	09.54	15/09/2019	11.08	HT	Over Voltage
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)
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(400kv) -Mudshingi Ckt 2-Tak	IntraState	15/09/2019	02.16	15/09/2019	02.48	T	Distance Protection,Mudshingi End Only.
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