

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2019 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	85.080	269.604	1) Gujrat	10.824	30.955
2) Hydro	6.139	16.494	2) Madhya Pradesh	-1.516	4.232
3) Gas	1.703	14.128	3) Chattisgarh	2.090	5.660
Total MSPGCL	92.922	300.226	4) Maharashtra	116.496	319.379
B) 1) APLM	53.531	155.403	5) Goa (Amona)	-0.682	-1.716
2) JSWEL	21.546	61.369	Total	127.212	358.510
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.773	60.914
4) RPL(AMT)	22.571	59.221	b) Mumbai Drawl	30.530	84.069
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	6.834	27.469
6) Other IPP	2.823	8.295	Include PX	-5.013	-7.417
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.773	60.914
C) 1) TPCL Thermal	12.841	37.036	Include PX	13.282	25.878
2) TPCL Hydro	4.590	5.983	Standby	0.000	0.000
3) TPCL Gas	1.375	7.884	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.490	27.383	1) MSEDCL	336.680	976.921
D) STATE			2) Mumbai Discoms	58.827	162.355
1) Thermal	207.882	618.311	TOTAL STATE	395.507	1139.276
(A1+C1+C4+(B1-B6))					
2) Hydro	10.729	22.477			
(A2+C2)					
3) Gas	3.078	22.012			
(A3+B7+C3)					
4) Wind	42.281	104.536			
6) SOLAR	4.324	13.430			
TOTAL STATE	268.294	780.766			

* 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	3616	3708	3429	3513
MSPGCL Hydro	262	302	688	111
MSPGCL Gas	0	0	0	256
MSPGCL Total Generation	3878	4010	4117	3880
Central Sector Receipt	6336	6080	5341	3765
WIND	1925	1975	1825	1455
CPP / IPP Thermal	4332	4097	4571	3689
CPP / IPP Gas	0	0	0	0
SOLAR	556	554	0	0
Exchange with Mumbai	-1830	-1872	-1101	-848
MSEDCL DEMAND MET	15197	14844	14753	11941
Load Shedding	0	0	0	0
MSEDCL DEMAND	15197	14844	14753	11941
TPCL GENERATION	790	746	1117	627
AEML GENERATION	373	373	490	374
MUMBAI DEMAND	2993	2991	2708	1849
STATE DEMAND MET	18190	17835	17461	13790
STATE DEMAND	18190	17835	17461	13790
Frequency (Hz)	50.01	49.99	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.04 Hrs	49.74 Hz at 19.17 Hrs	50	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 03/Sep/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.77	6.96	115	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	0.00	10.02	0	0
Unit 10	4.53	17.77	256	0
Total	6.30	34.76		
Bhusawal				
Unit 3	0.00	2.92	0	0
Unit 4	9.16	27.82	420	350
Unit 5	0.00	0.00	0	0
Total	9.16	30.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.90	14.75	235	186
Unit 7	4.85	14.46	238	184
Unit 8	0.00	0.00	0	0
Total	9.74	29.21		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.54	10.56	161	128
Unit 5	6.38	20.79	285	250
Unit 6	6.18	16.59	295	203
Unit 7	0.00	0.00	0	0
Unit 8	7.74	22.92	340	300
Unit 9	7.01	21.23	315	226
Total	30.85	92.10		
Paras				
Unit 3	3.30	3.30	223	0
Unit 4	0.00	0.00	0	0
Total	3.30	3.30		
Khaparkheda				
Unit 1	2.83	8.74	130	105
Unit 2	0.00	0.00	0	0
Unit 3	3.25	10.18	145	115
Unit 4	3.43	9.73	145	139
Unit 5	7.26	20.66	330	270
Total	16.77	49.32		
Nasik				
Unit 3	3.02	10.04	140	102
Unit 4	3.10	10.52	140	113
Unit 5	2.83	9.63	138	7
Total	8.95	30.19		
Uran				
All Units	1.70	14.13	261	0
Total	1.70	14.13		
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)	0.03	0.07	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.07		
Koyna				
Stage 1-2	2.32	6.30	415	40
Stage 4	0.00	0.00	0	0
Stage 3	1.39	3.55	160	0
Total	3.71	9.85		
Hydro				
KDPH	0.84	2.53	35	35
VTRNA	0.00	0.00	0	0
TILLARI	0.36	0.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	1.00	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	1.04	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	1.72	23	22
GHATGHAR	0.00	0.00	0	0
Total	2.43	6.64		
Wind				
Total	42.28	104.54	0	0
Total	42.28	104.54		
CPP				
APML(Mus)	53.53	155.40	0	0
JSWEL(Mus)	21.55	61.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	22.57	59.22	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	2.82	8.30	0	0
Total	100.47	284.29		
SOLAR				
Total	4.32	13.43	0	0
Total	4.32	13.43		
Tata				
Trombay 5	8.00	22.71	446	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.81	4.66	80	0
Trombay 7B	0.56	3.22	55	0
Trombay 8	4.84	14.33	218	196
TATA Hydro	4.59	5.98	457	40
Total	18.81	50.90		
AEML				
DTPS U-1&2	9.49	27.38	492	373
Total	9.49	27.38		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	85.08	269.60
MSPGCL Thml+Gas	86.78	283.73
MSPGCL Hydro	6.14	16.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	92.92	300.23
Koyna 1,2 & 4 Total	2.32	6.30
State Total	268.29	780.77

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 03/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 SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3529	111	261	3901	1284	3805	0	0	4466	4388	-1105	12273	0	12273	2108	14381	49.96
2	3461	116	248	3825	1455	3680	0	0	4265	4126	-952	12134	0	12134	1955	14089	49.99
3	3513	111	256	3880	1455	3689	0	0	3872	3765	-848	11941	0	11941	1849	13790	49.95
4	3605	112	252	3969	1466	3681	0	0	3790	3765	-782	12099	0	12099	1783	13882	50.01
5	3525	167	162	3854	1587	3676	0	0	4305	4214	-764	12567	0	12567	1765	14332	49.96
6	3579	196	131	3906	1724	4213	0	0	4754	4846	-837	13852	0	13852	1837	15689	50.02
7	3668	222	120	4010	1839	4437	0	18	5501	5638	-925	15017	0	15017	1930	16947	50.01
8	3689	202	127	4018	1808	4378	0	118	5834	6084	-1079	15327	0	15327	2125	17452	50.05
9	3672	209	98	3979	1928	4325	0	335	5734	5991	-1284	15274	0	15274	2466	17740	50.02
10	3639	257	48	3944	1923	4292	0	517	5977	6247	-1583	15340	0	15340	2781	18121	50.02
11	3616	262	0	3878	1925	4332	0	556	6305	6336	-1830	15197	0	15197	2993	18190	50.01
12	3618	292	0	3910	1824	4333	0	644	6470	6352	-1948	15115	0	15115	3059	18174	50.03
13	3708	302	0	4010	1975	4097	0	554	6235	6080	-1872	14844	0	14844	2991	17835	49.99
14	3559	362	0	3921	1912	4038	0	515	5979	5720	-1768	14338	0	14338	2871	17209	49.96
15	3615	265	0	3880	1942	4227	0	397	6087	6012	-1701	14757	0	14757	2853	17610	49.99
16	3701	172	0	3873	1970	4140	0	368	6307	6099	-1663	14787	0	14787	2838	17625	50.03
17	3546	153	0	3699	2052	4086	0	217	5961	5736	-1608	14182	0	14182	2790	16972	49.98
18	3528	251	0	3779	2132	4012	0	84	5672	5783	-1504	14286	0	14286	2731	17017	50.02
19	3622	373	0	3995	1967	4473	0	1	5517	5387	-1331	14492	0	14492	2723	17215	49.98
20	3429	688	0	4117	1825	4571	0	0	5365	5341	-1101	14753	0	14753	2708	17461	49.96
21	3391	266	0	3657	1777	4601	0	0	5103	5241	-1016	14260	0	14260	2561	16821	50.03
22	3324	473	0	3797	1466	4584	0	0	4668	4739	-981	13605	0	13605	2498	16103	49.93
23	3309	438	0	3747	1511	4612	0	0	4384	4354	-976	13248	0	13248	2379	15627	50.00
24	3234	139	0	3373	1534	4189	0	0	5017	4968	-1072	12992	0	12992	2232	15224	50.04
MUs	85.08	6.14	1.70	92.92	42.28	100.47	0.00	4.32	127.57	127.21	-30.53	336.68	0.00	336.68	58.83	395.51	50.00

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 03/Sep/2019

Position as on 6.30 Hrs of 04/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 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.	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	03/09/2019	02.26	Boiler Tube Leakage	
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	Koradi Unit 9	660	02/09/2019	16.19		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 5	210	03/09/2019	04.15	03/09/2019	05.47	Flame Failure	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Sep/2019

Position as on 6.30 Hrs of 04/Sep/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
MSPGCL	Uran Unit B0	120	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
MSPGCL	Uran Unit 8	108	03/09/2019	09.21		Continued.	Gas shortage due to fire at ONGC.	
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.	
MSPGCL	Koradi Unit 6	210	03/09/2019	13.32	03/09/2019	17.00	Loss of fuel and drum level high.	
MSPGCL	Koradi Unit 10	660	03/09/2019	19.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2019

Statement-VII

Position as on 6.30 Hrs of 04/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 I	InterState	26/08/2019	09.04		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	02/09/2019	14.31		Continued.	HT	Control line loading.
Chandrapur Bhadravati III	InterState	03/09/2019	11.23	03/09/2019	16.23	PO	Relay Fitting Work.
Khadka-Aurangabad (Waluj)	IntraState	29/08/2019	17.36		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/09/2019	22.05	03/09/2019	09.48	HT	Over Voltage
Karad - Lonikand 1	IntraState	02/09/2019	09.13	03/09/2019	08.24	HT	String replacement work.
Khadka- Deepnagar Ckt 2	IntraState	03/09/2019	14.39	03/09/2019	15.28	T	During PLCC trial DT command send by Deepnagar, Bhuswal tripped on DT receive.
karad -kolhapur-I	IntraState	03/09/2019	22.08		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 lct 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)
Kadegaon-Miraj	IntraState	03/09/2019	09.19	03/09/2019	15.52	PO	Disc Replacement Work.
Satara (MIDC)-Ajinkyatara	IntraState	03/09/2019	10.30	03/09/2019	14.50	PO	Quarterly Maintainance Work
Gadchandur-Ultratech I	IntraState	03/09/2019	12.50	03/09/2019	16.30	PO	replacement of old ABT meter at Gadchandur end.
satara MIDC- Malharpath	IntraState	03/09/2019	15.01	03/09/2019	17.10	PO	Quarterly Maintainance Work
Mahad - Pedambe	IntraState	03/09/2019	19.12		Continued.	HT	R-PH Cond Snap & Wave Trap Blast Mahad end.
Chandrapur(MIDC)-Ballarshah II	IntraState	03/09/2019	20.08	03/09/2019	20.33	T	R-PH Z1, 13.06KM, 4.39KA.
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 5 @Aarey R/S	IntraState	02/09/2019	23.53		Continued.	T	Differential protection
220/33 Kv 50 Mva Imp Ptr 2 @Sonkar	IntraState	03/09/2019	02.55		Continued.	T	Trip On BUZ,Testing Is In Progress Load Affected 18 MW.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	03/09/2019	10.59	03/09/2019	22.16	PO	C.T oil leakages attending work.. Y&B phase below operated, hence CT replacement work is in progress.
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	03/09/2019	17.58	03/09/2019	19.55	PO	Unarmoured to armoured FCC to relay panel AUX. protection.

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