

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Sep/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.630	880.227	1) Gujrat	2.389	3.008
2) Hydro	23.786	93.688	2) Madhya Pradesh	19.399	123.782
3) Gas	2.496	26.142	3) Chattisgarh	5.100	45.300
Total MSPGCL	125.912	1000.057	4) Maharashtra Net	117.785	1021.596
B) 1) APML	49.321	457.005	5) Goa (Amona)	-0.352	-4.246
2) JSWEL	12.842	144.286	Total	144.321	1189.440
3) VIPL	14.841	128.444	a) Mumbai Schedule	19.409	211.154
4) RPL(AMT)	31.177	251.357	b) Mumbai Drawl	16.115	212.071
5) WPCL	2.535	23.656	c) MSEDCL Bilateral *	40.310	288.804
6) PGPL	0.000	0.000	Include PX	15.861	86.059
7) Other IPP	7.090	57.941	d) Mumbai Bilateral *	19.409	211.154
C) 1) TPCL Thermal	16.511	129.229	Include PX	0.710	22.940
2) TPCL Hydro	2.203	42.072	Include Standby	0.000	0.000
3) TPCL Gas	4.390	38.816	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.999	92.985	1) MSEDCL	390.905	3377.025
D) STATE			2) Mumbai Discoms	51.218	515.168
1) Thermal	245.946	2165.130	TOTAL STATE	442.123	3892.193
(A1+C1+C4+(B1-B6))					
2) Hydro	25.989	135.760			
(A2+C2)					
3) Gas	6.886	64.958			
(A3+B6+C3)					
4) Wind	13.090	293.190			
6) SOLAR	5.891	43.720			
TOTAL STATE	297.802	2702.758			

* 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 3 Hrs
MSPGCL Thermal	4040	4121	4264	3946
MSPGCL Hydro	1624	1717	1339	195
MSPGCL Gas	101	101	103	106
MSPGCL Total Generation	5765	5939	5706	4247
Central Sector Receipt	7313	7332	4376	5324
WIND	280	279	899	654
CPP / IPP Thermal	4892	4901	4965	4922
CPP / IPP Gas	0	0	0	0
SOLAR	821	714	0	0
Exchange with Mumbai	-769	-898	-504	-503
MSEDCL DEMAND MET	18302	18267	15442	14644
Load Shedding	0	0	0	0
MSEDCL DEMAND	18302	18267	15442	14644
TPCL GENERATION	1045	920	1308	881
R-INFRA GENERATION	502	499	499	502
MUMBAI DEMAND	2316	2317	2311	1886
STATE DEMAND MET	20618	20584	17753	16530
STATE DEMAND	20618	20584	17753	16530
Frequency (Hz)	49.86	49.94	49.94	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16.04 Hrs	49.69 Hz at 18.42 Hrs	49.95	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 09/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.08	0.15	22	0
Unit 7	0.00	0.00	0	0
Unit 8	7.46	63.39	380	225
Unit 9	0.00	38.80	0	0
Unit 10	5.92	31.41	320	169
Total	13.45	133.75		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.37	87.21	445	420
Total	10.37	87.21		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.50	3.51	227	37
Unit 7	5.70	50.28	248	202
Unit 8	5.63	48.18	243	223
Total	14.84	101.97		
Chandrapur				
Unit 3	4.10	33.51	186	152
Unit 4	4.15	34.10	180	154
Unit 5	0.00	55.84	0	0
Unit 6	10.08	79.93	460	365
Unit 7	0.00	0.00	0	0
Unit 8	8.40	25.88	396	315
Unit 9	7.98	76.88	358	314
Total	34.72	306.15		
Paras				
Unit 3	3.64	37.70	176	124
Unit 4	4.16	38.48	196	162
Total	7.80	76.18		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	2.52	27.12	120	60
Unit 3	3.57	33.43	175	130
Unit 4	0.09	0.09	56	0
Unit 5	8.23	77.49	390	260
Total	14.40	138.13		
Nasik				
Unit 3	4.06	36.84	190	150
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.06	36.84		
Uran				
All Units	2.50	26.14	107	101
Total	2.50	26.14		
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	0.50	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.50		
Koyna				
Stage 1-2	7.92	25.48	545	40
Stage 4	9.41	22.69	758	0
Stage 3	3.17	12.09	320	0
Total	20.50	60.26		
Hydro				
KDPH	0.61	7.24	36	0
VTRNA	0.46	4.29	61	0
TILLARI	0.60	4.99	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	3.27	70	0
RNGR+BHTSA	0.18	2.75	15	0
BHANDARDRA	0.21	2.57	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	5.80	15	3
GHATGHAR	0.78	2.51	125	0
Total	3.29	33.43		
Wind				
Total	13.09	293.19	0	0
Total	13.09	293.19		
CPP				
APML(Mus)	49.32	457.00	0	0
JSWEL(Mus)	12.84	144.29	0	0
VIPL(Mus)	14.84	128.44	0	0
RPLAMT(Mus)	31.18	251.36	0	0
WPCL(Mus)	2.54	23.66	0	0
Other(Mus)	7.09	57.94	0	0
Total	117.81	1062.69		
SOLAR				
Total	5.89	43.72	0	0
Total	5.89	43.72		
Tata				
Trombay 5	11.21	83.47	481	438
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	24.51	117	115
Trombay 7B	1.61	14.31	68	66
Trombay 8	5.30	45.76	241	217
TATA Hydro	2.20	42.07	459	0
Total	23.10	210.12		
R-INFRA				
DTPS U-1&2	12.00	92.98	502	496
Total	12.00	92.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.63	880.23	MSPGCL Total	125.91	1000.06
			MSPGCL Thml+Gas	102.13	906.37	Koyna 1,2 & 4 Total	17.32	48.17
			MSPGCL Hydro	23.79	93.69	State Total	297.80	2702.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Sep/2018

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	4013	570	106	4689	915	4921	0	0	5292	5283	-753	15055	0	15055	2146	17201	49.92
2	4003	151	106	4260	862	4923	0	0	5524	5587	-613	15019	0	15019	1988	17007	49.92
3	3946	195	106	4247	654	4922	0	0	5361	5324	-503	14644	0	14644	1886	16530	49.92
4	3979	309	106	4394	591	4916	0	0	5371	5288	-444	14745	0	14745	1820	16565	49.96
5	4004	661	107	4772	424	4897	0	0	5449	5437	-423	15107	0	15107	1794	16901	49.93
6	3979	1127	106	5212	359	4892	0	0	5715	6112	-485	16090	0	16090	1854	17944	49.94
7	4066	1066	107	5239	283	4894	0	28	7090	7060	-489	17015	0	17015	1867	18882	49.98
8	4152	684	107	4943	197	4886	0	199	7609	7722	-568	17379	0	17379	1942	19321	49.94
9	4034	1045	105	5184	248	4902	0	443	7122	7352	-705	17424	0	17424	2074	19498	49.99
10	4004	1480	104	5588	223	4902	0	664	6593	6832	-782	17427	0	17427	2223	19650	49.99
11	4045	1629	102	5776	284	4918	0	748	6329	6800	-825	17701	0	17701	2316	20017	49.93
12	4040	1624	101	5765	280	4892	0	821	7060	7313	-769	18302	0	18302	2316	20618	49.86
13	4121	1717	101	5939	279	4901	0	714	7086	7332	-898	18267	0	18267	2317	20584	49.94
14	4222	1812	101	6135	349	4897	0	662	6518	6736	-788	17991	0	17991	2240	20231	49.95
15	4274	1874	101	6249	310	4914	0	633	6521	6890	-778	18218	0	18218	2212	20430	49.97
16	4298	1600	101	5999	422	4907	0	524	6702	6874	-803	17923	0	17923	2192	20115	49.97
17	4328	1061	101	5490	574	4912	0	338	6804	6853	-795	17372	0	17372	2161	19533	49.97
18	4390	412	103	4905	672	4900	0	114	6452	5983	-804	15770	0	15770	2156	17926	49.98
19	4317	454	103	4874	763	4913	0	3	5321	5033	-714	14872	0	14872	2211	17083	49.92
20	4264	1339	103	5706	899	4965	0	0	4651	4376	-504	15442	0	15442	2311	17753	49.94
21	4285	995	104	5384	898	4985	0	0	4436	4144	-542	14869	0	14869	2370	17239	49.94
22	4295	824	104	5223	911	4898	0	0	4629	4500	-578	14954	0	14954	2320	17274	49.92
23	4326	609	105	5040	884	4881	0	0	4734	4660	-800	14665	0	14665	2275	16940	49.94
24	4245	548	106	4899	809	4865	0	0	4734	4831	-752	14652	0	14652	2227	16879	50.01
MUs	99.63	23.79	2.50	125.91	13.09	117.81	0.00	5.89	143.10	144.32	-16.12	390.91	0.00	390.91	51.22	442.12	49.95

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 09/Sep/2018

Position as on 6.30 Hrs of 10/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 6	250	23/07/2018	00:00	09/09/2018	23.57	Capital Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
IPP	Adani U-3	660	03/09/2018	05.02		Continued.	Capital 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.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01:12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00	10/09/2018	03.45	ZERO SCHEDULE.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10	10/09/2018	07.00	Poor Coal Receipt.	
MSPGCL	Uran Unit A0	120	27/08/2018	02:06		Continued.	Generator protection	
MSPGCL	Uran Unit 5	108	27/08/2018	03.31		Continued.	Due to A0 Trip.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Khaparkheda Unit 4	210	29/08/2018	17.44	09/09/2018	22.08	Boiler Tube Leakage	
CPP	SWPGL U-4	135	01/09/2018	00.00	10/09/2018	19.30	NO SCHEDULE.	
MSPGCL	Koradi Unit 9	660	04/09/2018	12.48		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 5	500	07/09/2018	11.24		Continued.	poor coal.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Inspection of Boiler Tubes by R & M Team.	
MSPGCL	Khaparkheda Unit 2	210	10/09/2018	02.35		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	10/09/2018	03.02	10/09/2018	10.39	T	primmry telecom communication channel faulty
Chandrapur - Padghe Hvdc Pole 1	IntraState	10/09/2018	03.02	10/09/2018	10.39	T	primmry telecom communication channel faulty
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 Sar'Sarovar II	InterState	06/09/2018	19.05	10/09/2018	06.57	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/09/2018	18.06		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Jaigad-Karad Ckt-I	IntraState	08/09/2018	18.29	10/09/2018	09.03	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/09/2018	19.02	09/09/2018	06.53	HT	Over Voltage
Akola - Bhusawal	IntraState	09/09/2018	11.03	09/09/2018	19.51	T	Distance Protection
Koradi III(Adani)-Koradi II ckt 2	IntraState	09/09/2018	15.34	10/09/2018	11.59	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	09/09/2018	20.01	10/09/2018	06.20	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	10/09/2018	11.02	10/09/2018	19.17	PO	Tan Delta Measurment of CTs
Padghe - Nagothane - II	IntraState	10/09/2018	11.05	10/09/2018	18.56	PO	Jumper tightening work.
Koradi III(Adani)-Koradi II ckt 2	IntraState	10/09/2018	12.10	10/09/2018	19.50	PO	maintenance of CT&CB.
Khadka-Aurangabad (Waluj)	IntraState	10/09/2018	18.22		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	10/09/2018	21.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	30/08/2018	07.20	10/09/2018	20.40	PO	Dismantling Of B Phase Unit For Overhauling.
400/220KV 315MVA ICT-II @Akola	IntraState	10/09/2018	09.38	10/09/2018	21.00	PO	Diagnostic testing work.
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	10/09/2018	10.28	10/09/2018	16.10	EO	Attend red hot 220kv 29A and breaker testing CRM DCRM and timings.
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.
Talandge Chikodi	InterState	10/09/2018	09.22	10/09/2018	17.14	PO	Replacement of old faulty disc insulator. loc. 3.4.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	19/08/2018	18.25		Continued.	HT	Taken In Service To Control Load Of Temghar Ckt At Kalwa 1 S/5 In Lieu Of 220kv Bus Outage At Padgha.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	Conductor Replacement
JATH SHEDYAL	IntraState	05/09/2018	20.34		Continued.	HT	Over Voltage
Kharepatan -Pawas Line	IntraState	09/09/2018	10.22	09/09/2018	13.58	PO	EM-Attending Y ph CT Oil Leakage

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

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 10/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
karad - Dasgaon	IntraState	09/09/2018	11.16	09/09/2018	16.57	HT	H/T due to Sparking observed at wave Trap
Karad(400kv) - Wathar	IntraState	10/09/2018	04.36	10/09/2018	04.53	T	Distance Protection
Mahindra Vehicle-Bridgestone	IntraState	10/09/2018	08.18	10/09/2018	18.23	PO	D/C stringing work from loc 3 to 26.
Talandge-Hamidwada	IntraState	10/09/2018	09.42	10/09/2018	17.17	PO	Replacement of old faulty dis insulator. loc 3.4.
Nagothane - Spcl	IntraState	10/09/2018	09.50	10/09/2018	17.10	PO	Isolator maintenance work.
Talandage(400kv) - Five Star Midc	IntraState	10/09/2018	10.11	10/09/2018	17.40	PO	Routine Maintenance Work
Walchandnagar-Bhigwan	IntraState	10/09/2018	11.56	10/09/2018	16.40	HT	Load management on jejuri lonand.
Apta - Taloja	IntraState	10/09/2018	13002	10/09/2018	17.03	T	Distance Protection
Walchandnagar-Bhigwan	IntraState	10/09/2018	16.40	10/09/2018	17.15	HT	Load management on jejuri lonand.
220 KV ICT Outages/Trippings							
100MVA ICT -1@Magarpatta	IntraState	09/09/2018	11.55	09/09/2018	13.35	PO	Attending Hot Spot
220/132-110 Kv 200 Mva Ptr 4 @Ichalkaranji-Ii	IntraState	10/09/2018	09.46	10/09/2018	15.29	PO	Winding resistance measurement.
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	10/09/2018	10.37	10/09/2018	16.27	PO	OLTC overhauling work.
220/132 kV 100MVA ICT I @ Balapur	IntraState	10/09/2018	12.10		Continued.	PO	oil filtration work.
132 KV LINE Outages/Trippings							
Kurunda - Vasmat	IntraState	16/08/2018	10.05		Continued.	T	to control o/v at parbhani.
Waghala -Nanded-I(Jangamwadi)	IntraState	10/09/2018	05.18	10/09/2018	05.58	PO	Distance Protection

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