

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Sep/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.662	990.811	1) Gujrat	4.981	7.989
2) Hydro	23.590	117.278	2) Madhya Pradesh	19.968	143.750
3) Gas	2.488	28.630	3) Chattisgarh	4.950	50.250
Total MSPGCL	136.740	1136.719	4) Maharashtra Net	125.857	1147.453
B) 1) APML	49.135	506.140	5) Goa (Amona)	-0.352	-4.598
2) JSWEL	17.718	162.004	Total	155.404	1344.844
3) VIPL	14.830	143.274	a) Mumbai Schedule	22.901	234.055
4) RPL(AMT)	31.065	282.422	b) Mumbai Drawl	21.516	233.587
5) WPCL	2.742	26.398	c) MSEDCL Bilateral *	55.583	344.387
6) PGPL	0.000	0.000	Include PX	30.268	116.326
7) Other IPP	7.238	65.179	d) Mumbai Bilateral *	22.901	234.055
C) 1) TPCL Thermal	16.679	145.908	Include PX	2.409	25.349
2) TPCL Hydro	5.508	47.580	Include Standby	0.000	0.000
3) TPCL Gas	4.395	43.211	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.975	104.960	1) MSEDCL	407.595	3784.542
D) STATE			2) Mumbai Discoms	60.073	575.241
1) Thermal (A1+C1+C4+(B1-B6))	262.044	2427.096	TOTAL STATE	467.668	4359.783
2) Hydro (A2+C2)	29.098	164.858			
3) Gas (A3+B6+C3)	6.883	71.841			
4) Wind	8.795	301.985			
6) SOLAR	5.444	49.164			
TOTAL STATE	312.264	3014.944			

* 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	4632	4747	4708	4299
MSPGCL Hydro	1088	996	1571	883
MSPGCL Gas	101	100	103	106
MSPGCL Total Generation	5821	5843	6382	5288
Central Sector Receipt	8419	8213	5381	4753
WIND	133	148	591	354
CPP / IPP Thermal	5097	5081	5264	5087
CPP / IPP Gas	0	0	0	0
SOLAR	783	705	0	0
Exchange with Mumbai	-1365	-1344	-953	-376
MSEDCL DEMAND MET	18888	18646	16665	15106
Load Shedding	0	0	0	0
MSEDCL DEMAND	18888	18646	16665	15106
TPCL GENERATION	1223	1184	1351	876
R-INFRA GENERATION	501	499	499	499
MUMBAI DEMAND	3089	3027	2803	1751
STATE DEMAND MET	21977	21673	19468	16857
STATE DEMAND	21977	21673	19468	16857
Frequency (Hz)	49.95	50.00	49.88	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 13.01 Hrs	49.7 Hz at 18.43 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 10/Sep/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.08	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.68	71.08	332	286
Unit 9	0.00	38.80	0	0
Unit 10	7.52	38.93	370	292
Total	15.20	148.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.46	97.67	455	410
Total	10.46	97.67		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.85	8.36	248	134
Unit 7	5.34	55.62	248	198
Unit 8	5.09	53.27	224	195
Total	15.28	117.25		
Chandrapur				
Unit 3	4.07	37.58	190	85
Unit 4	4.14	38.23	179	145
Unit 5	0.00	55.84	0	0
Unit 6	9.05	88.98	435	300
Unit 7	4.88	4.88	346	0
Unit 8	9.14	35.03	415	345
Unit 9	7.86	84.74	360	292
Total	39.13	345.28		
Paras				
Unit 3	3.25	40.96	170	111
Unit 4	4.44	42.92	210	145
Total	7.70	83.88		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.24	27.37	100	0
Unit 3	3.67	37.10	180	135
Unit 4	3.14	3.23	155	91
Unit 5	8.32	85.81	363	330
Total	15.38	153.51		
Nasik				
Unit 3	4.44	41.28	193	164
Unit 4	0.00	0.00	0	0
Unit 5	3.07	3.07	177	0
Total	7.51	44.35		
Uran				
All Units	2.49	28.63	107	99
Total	2.49	28.63		
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)	0.18	0.68	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	0.68		
Koyna				
Stage 1-2	5.00	30.48	505	40
Stage 4	12.78	35.47	849	200
Stage 3	4.40	16.48	320	80
Total	22.17	82.43		
Hydro				
KDPH	0.00	7.24	0	0
VTRNA	0.48	4.77	60	0
TILLARI	0.56	5.55	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	3.55	80	0
RNGR+BHTSA	0.00	2.75	0	0
BHANDARDRA	0.00	2.57	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	5.92	14	2
GHATGHAR	0.00	2.51	0	0
Total	1.42	34.85		
Wind				
Total	8.80	301.98	0	0
Total	8.80	301.98		
CPP				
APML(Mus)	49.14	506.14	0	0
JSWEL(Mus)	17.72	162.00	0	0
VIPL(Mus)	14.83	143.27	0	0
RPLAMT(Mus)	31.06	282.42	0	0
WPCL(Mus)	2.74	26.40	0	0
Other(Mus)	7.24	65.18	0	0
Total	122.73	1185.42		
SOLAR				
Total	5.44	49.16	0	0
Total	5.44	49.16		
Tata				
Trombay 5	11.32	94.79	484	439
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	27.28	117	115
Trombay 7B	1.62	15.93	68	67
Trombay 8	5.36	51.12	238	218
TATA Hydro	5.51	47.58	459	0
Total	26.58	236.70		
R-INFRA				
DTPS U-1&2	11.98	104.96	501	496
Total	11.98	104.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.66	990.81	MSPGCL Total	136.74	1136.72
			MSPGCL Thml+Gas	113.15	1019.44	Koyna 1,2 & 4 Total	17.78	65.95
			MSPGCL Hydro	23.59	117.28	State Total	312.26	3014.94

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 10/Sep/2018

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	4318	553	106	4977	844	5055	0	0	4930	4971	-671	15176	0	15176	2070	17246	49.94
2	4344	992	106	5442	606	5068	0	0	4738	4512	-567	15061	0	15061	1908	16969	50.00
3	4340	1043	106	5489	449	5110	0	0	4806	4480	-435	15093	0	15093	1812	16905	49.98
4	4299	883	106	5288	354	5087	0	0	5094	4753	-376	15106	0	15106	1751	16857	49.98
5	4359	668	106	5133	240	5096	0	0	5570	5463	-378	15554	0	15554	1748	17302	49.92
6	4494	667	107	5268	151	5071	0	0	6589	6673	-487	16676	0	16676	1857	18533	49.96
7	4455	781	107	5343	123	5046	0	26	7913	8260	-621	18177	0	18177	2012	20189	49.91
8	4548	1295	106	5949	91	5091	0	202	7599	7688	-778	18243	0	18243	2217	20460	50.03
9	4666	888	106	5660	57	5104	0	441	7666	7864	-1037	18089	0	18089	2554	20643	49.98
10	4572	813	104	5489	81	5083	0	621	7688	7593	-1232	17635	0	17635	2861	20496	49.95
11	4608	853	102	5563	99	5124	0	766	7745	7458	-1332	17678	0	17678	3038	20716	49.94
12	4632	1088	101	5821	133	5097	0	783	8205	8419	-1365	18888	0	18888	3089	21977	49.95
13	4747	996	100	5843	148	5081	0	705	8111	8213	-1344	18646	0	18646	3027	21673	50.00
14	4771	1243	100	6114	203	5074	0	665	7607	7710	-1242	18524	0	18524	2894	21418	49.93
15	4762	1028	99	5889	325	5036	0	520	8021	7963	-1220	18513	0	18513	2925	21438	49.89
16	4805	1033	100	5938	338	5033	0	341	8118	8146	-1228	18568	0	18568	2950	21518	49.88
17	4744	772	101	5617	427	5034	0	271	7950	7646	-1246	17749	0	17749	2943	20692	49.89
18	4799	980	101	5880	625	5043	0	99	7116	6783	-1208	17222	0	17222	2881	20103	49.93
19	4719	1021	102	5842	571	5169	0	4	5933	5814	-1005	16395	0	16395	2812	19207	49.83
20	4708	1571	103	6382	591	5264	0	0	5485	5381	-953	16665	0	16665	2803	19468	49.88
21	4655	1418	104	6177	693	5317	0	0	4887	4952	-822	16317	0	16317	2658	18975	49.98
22	4692	1182	105	5979	620	5305	0	0	4793	4833	-728	16009	0	16009	2527	18536	50.00
23	4794	1044	105	5943	568	5195	0	0	4834	4799	-622	15883	0	15883	2422	18305	49.95
24	4831	778	105	5714	458	5143	0	0	4878	5030	-619	15726	0	15726	2314	18040	50.00
MUs	110.66	23.59	2.49	136.74	8.79	122.73	0.00	5.44	156.28	155.40	-21.52	407.59	0.00	407.59	60.07	467.67	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 10/Sep/2018

Position as on 6.30 Hrs of 11/Sep/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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. (NO PPA FROM 01.04.2018)	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
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	Khaparkhedha 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 6	108	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.	Coal Shortage	
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.	Boiler Tube Leakage	
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	
MSPGCL	Koradi Unit 6	210	09/09/2018	05.52		Continued.	Coal problem	
MSPGCL	Khaparkhedha Unit 2	210	10/09/2018	02.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 11/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 1	IntraState	10/09/2018	03.02	10/09/2018	10.39	T	primmry telecom communication channel faulty
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 2	IntraState	10/09/2018	13.14	10/09/2018	18.37	PO	Diagnostic testing work.
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 - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshtar - I	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
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	11/09/2018	06.10	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.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	11/09/2018	02.36	11/09/2018	04.18	T	220kv bus bar protection operated due to Y phases PT bus at Lonikand.
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.
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 for availing outage on PG ckt 3.
Nerul-Trombay	IntraState	31/08/2018	22.04		Continued.	PO	CONDUCTOR REPLACEMENT.
JATH SHEDYAL	IntraState	05/09/2018	20.34		Continued.	HT	Over Voltage
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

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 10/Sep/2018

Statement-VII

Position as on 6.30 Hrs of 11/Sep/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Lonikand-VSNL	IntraState	11/09/2018	02.36	11/09/2018	04.21	T	220kv bus bar protection operated due to Y phases PT bus at Lonikand.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	05/09/2018	09.25		Continued.	PO	Replacement of control cable from signal box to control box and fire detector recommission of fire fighting system.
220/132-110 Kv 200 Mva Ptr 4 @Ichalkaranji-li	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.
132 KV LINE Outages/Trippings							
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