

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.994	1196.053	1) Gujrat	3.709	33.059
2) Hydro	17.665	173.898	2) Madhya Pradesh	22.138	213.714
3) Gas	6.971	68.960	3) Chattisgarh	6.660	59.290
Total MSPGCL	147.630	1438.911	4) Maharashtra Net	171.279	1539.893
B) 1) APML	62.265	602.918	5) Goa (Amona)	-0.110	-2.816
2) JSWEL	28.564	286.126	Total	203.676	1843.140
3) VIPL	8.655	92.090	a) Mumbai Schedule	33.368	281.479
4) RPL(AMT)	6.095	64.414	b) Mumbai Drawl	33.668	300.032
5) WPCL	5.934	49.755	c) MSEDCL Bilateral *	90.810	817.575
6) PGPL	0.000	0.000	Include PX	57.689	488.422
7) Other IPP	7.066	74.509	d) Mumbai Bilateral *	33.368	280.839
C) 1) TPCL Thermal	16.320	159.490	Include PX	14.105	86.317
2) TPCL Hydro	5.734	54.882	Include Standby	0.000	0.640
3) TPCL Gas	4.346	43.601	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.970	118.917	1) MSEDCL	445.662	4298.075
D) STATE			2) Mumbai Discoms	72.038	676.923
1) Thermal	269.863	2644.272	TOTAL STATE	517.700	4974.998
(A1+C1+C4+(B1-B6))					
2) Hydro	23.399	228.780			
(A2+C2)					
3) Gas	11.317	112.561			
(A3+B6+C3)					
4) Wind	3.778	88.544			
6) SOLAR	5.667	57.700			
TOTAL STATE	314.024	3131.857			

* 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 23 Hrs
MSPGCL Thermal	4956	5040	5450	5373
MSPGCL Hydro	1739	854	1201	268
MSPGCL Gas	288	280	294	287
MSPGCL Total Generation	6983	6174	6945	5928
Central Sector Receipt	9458	9665	7472	7050
WIND	143	156	233	200
CPP / IPP Thermal	4963	4922	4925	5061
CPP / IPP Gas	0	0	0	0
SOLAR	810	809	0	0
Exchange with Mumbai	-1720	-1700	-1483	-1481
MSEDCL DEMAND MET	20636	20026	18092	16758
Load Shedding	680	976	0	0
MSEDCL DEMAND	21316	21002	18092	16758
TPCL GENERATION	1294	1287	1301	1041
R-INFRA GENERATION	496	501	497	497
MUMBAI DEMAND	3510	3488	3281	3019
STATE DEMAND MET	24146	23514	21373	19777
STATE DEMAND	24826	24490	21373	19777
Frequency (Hz)	49.97	49.98	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.79 Hz at 00.09 Hrs	49.97	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/Oct/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	65.95	0	0
Unit 9	9.79	104.86	500	342
Unit 10	8.69	15.10	404	300
Total	18.48	185.92		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.92	89.48	450	325
Unit 5	8.86	21.24	455	325
Total	17.78	110.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.37	42.60	194	169
Unit 7	4.30	44.84	191	166
Unit 8	0.00	0.00	0	0
Total	8.67	87.44		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.99	43.02	173	161
Unit 5	8.77	86.16	395	347
Unit 6	8.77	87.49	390	350
Unit 7	8.81	88.56	406	330
Unit 8	9.44	92.93	412	370
Unit 9	9.55	92.65	416	380
Total	49.34	492.31		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.20	56.76	230	210
Total	5.20	56.76		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.86	18.04	145	0
Unit 3	0.00	32.59	0	0
Unit 4	4.00	35.19	173	159
Unit 5	11.20	102.18	500	400
Total	16.06	188.00		
Nasik				
Unit 3	3.66	36.98	160	148
Unit 4	3.80	37.92	163	154
Unit 5	0.00	0.00	0	0
Total	7.46	74.90		
Uran				
All Units	6.97	68.96	303	279
Total	6.97	68.96		
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)	0.75	6.97	36	21

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.75	6.97		
Koyna				
Stage 1-2	5.42	47.42	470	40
Stage 4	7.25	81.84	965	0
Stage 3	3.12	28.61	240	0
Total	15.79	157.87		
Hydro				
KDPH	0.44	2.11	19	18
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	2.77	40	0
RNGR+BHTSA	0.40	3.78	17	16
BHANDARDRA	0.34	1.55	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.27	2.36	20	8
GHATGHAR	0.10	1.20	95	0
Total	1.88	16.03		
Wind				
Total	3.78	88.54	0	0
Total	3.78	88.54		
CPP				
APML(Mus)	62.26	602.92	0	0
JSWEL(Mus)	28.56	286.13	0	0
VIPL(Mus)	8.66	92.09	0	0
RPLAMT(Mus)	6.10	64.41	0	0
WPCL(Mus)	5.93	49.76	0	0
Other(Mus)	7.07	74.51	0	0
Total	118.58	1169.81		
SOLAR				
Total	5.67	57.70	0	0
Total	5.67	57.70		
Tata				
Trombay 5	10.72	103.64	453	419
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	27.62	116	114
Trombay 7B	1.59	15.98	67	65
Trombay 8	5.60	55.85	237	229
TATA Hydro	5.73	54.88	433	0
Total	26.40	257.97		
R-INFRA				
DTPS U-1&2	11.97	118.92	502	486
Total	11.97	118.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.99	1196.05	MSPGCL Total	147.63	1438.91
			MSPGCL Thml+Gas	129.96	1265.01	Koyna 1,2 & 4 Total	12.67	129.26
			MSPGCL Hydro	17.66	173.90	State Total	314.02	3131.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Oct/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	4946	556	300	5802	91	4948	0	0	7870	8169	-1417	17593	49	17642	2873	20515	49.93
2	4924	346	289	5559	98	4867	0	0	7777	8507	-1198	17833	52	17885	2612	20497	49.94
3	4862	516	300	5678	89	4875	0	0	7540	8272	-1082	17832	52	17884	2448	20332	49.98
4	4899	810	301	6010	98	4869	0	0	7590	8082	-955	18104	52	18156	2321	20477	49.97
5	4878	1062	301	6241	78	4867	0	0	7477	8159	-902	18443	52	18495	2268	20763	49.94
6	4897	969	291	6157	84	4896	0	0	8038	8622	-952	18807	562	19369	2315	21684	49.93
7	5027	463	302	5792	79	4975	0	24	8414	8933	-1028	18775	1025	19800	2391	22191	49.92
8	5075	125	303	5503	109	4957	0	187	8457	8947	-1105	18598	1044	19642	2508	22150	49.98
9	5003	138	299	5440	89	4966	0	426	8627	9124	-1240	18805	617	19422	2795	22217	49.95
10	4943	501	285	5729	126	4972	0	634	8879	9249	-1422	19287	328	19615	3146	22761	49.93
11	4974	1387	283	6644	141	4969	0	758	9060	9347	-1689	20170	326	20496	3390	23886	49.90
12	4956	1739	288	6983	143	4963	0	810	9195	9458	-1720	20636	680	21316	3510	24826	49.97
13	5040	854	280	6174	156	4922	0	809	9127	9665	-1700	20026	976	21002	3488	24490	49.98
14	5069	815	279	6163	198	4935	0	716	9122	9404	-1675	19741	989	20730	3401	24131	49.97
15	5141	1248	279	6668	233	4935	0	579	9279	9468	-1719	20164	560	20724	3485	24209	49.99
16	5293	778	279	6350	257	4940	0	442	9291	9438	-1723	19704	259	19963	3499	23462	49.92
17	5312	923	280	6515	165	4898	0	225	8776	8799	-1679	18923	152	19075	3452	22527	49.96
18	5351	825	291	6467	152	4910	0	57	7928	8068	-1584	18070	169	18239	3339	21578	50.00
19	5396	933	284	6613	166	4919	0	0	7421	7567	-1527	17738	82	17820	3315	21135	49.99
20	5450	1201	294	6945	233	4925	0	0	7286	7472	-1483	18092	0	18092	3281	21373	50.02
21	5443	582	285	6310	340	4913	0	0	7071	7420	-1471	17512	0	17512	3128	20640	50.02
22	5443	491	295	6229	242	4955	0	0	6853	6955	-1395	16986	0	16986	3021	20007	50.03
23	5373	268	287	5928	200	5061	0	0	6933	7050	-1481	16758	0	16758	3019	19777	49.98
24	5299	135	296	5730	211	5141	0	0	7176	7501	-1521	17062	0	17062	3033	20095	49.96
MUs	122.99	17.67	6.97	147.63	3.78	118.58	0.00	5.67	195.19	203.68	-33.67	445.66	8.03	453.69	72.04	525.73	49.97

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/Oct/2018

Position as on 6.30 Hrs of 11/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	Adani U-3	660	03/09/2018	05.02	10/10/2018	21.18	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 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.	Coal Swapping IEPL	
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	Khaparkhedha Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
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	Nasik Unit 5	210	11/09/2018	18.45		Continued.	Coal Swapping with DIL	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	30/09/2018	22.24		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Koyana Unit 12	80	06/10/2018	06.25	10/10/2018	18.20	EM-Outage For Attending Heavy Water Leakage In Main Valve Bypass.	
MSPGCL	Khaparkhedha Unit 2	210	07/10/2018	10.20	10/10/2018	16.25	De-superheate leakage problem	
MSPGCL	Koradi Unit-8	660	09/10/2018	10.18		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkhedha Unit 3	210	09/10/2018	22.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	11/10/2018	18.16	11/10/2018	22.59	Excitation T/F Failure.	

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

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2018

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 Sar'Sarovar I	InterState	08/10/2018	18.05	10/10/2018	09.23	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	10/10/2018	18.17	11/10/2018	09.28	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/10/2018	17.41		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)
N.Koyna-Karad -Ckt I	IntraState	10/10/2018	06.58	10/10/2018	18.59	PO	Insulator Spring Replacement Work Location no. 46.
Deepnagar - Aurangabad	IntraState	10/10/2018	09.07	10/10/2018	17.37	T	Distance Protection Y phase 49 KM From Waluj
Girwali-Solapur (Lamboti)	IntraState	10/10/2018	12.53	10/10/2018	17.37	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	10/10/2018	19.10	11/10/2018	05.04	HT	Over Voltage
Deepnagar Waluj 1	IntraState	11/10/2018	08.09	11/10/2018	18.08	PO	Replacement Of Dead End & Mid Span Joint.
N.Koyna-Karad -Ckt I	IntraState	11/10/2018	09.17	11/10/2018	20.33	PO	Insulator Replacement Work
Parly(MS)- Nanded ckt II	IntraState	11/10/2018	09.57	11/10/2018	15.31	PO	DCRM, Timing Of CB.
400 KV ICT Outages/Trippings							
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	10/10/2018	08.55	10/10/2018	19.03	PO	Testing Work
400/220KV 500MVA ICT-II@Taptitanda	IntraState	10/10/2018	12.45	10/10/2018	15.03	EO	To attend Hot Spot
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.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Nerul-Trombay	IntraState	31/08/2018	22.04	11/10/2018	22.11	PO	Conductor Replacement
Wardha- Pgcil(Deoli)	IntraState	09/10/2018	15.55	10/10/2018	07.01	HT	To control Overdrawal
Trombay - Kalwa	IntraState	10/10/2018	04.35	10/10/2018	08.56	PO	Conductor Replacement Work.
Trombay - Mulund	IntraState	10/10/2018	04.36	10/10/2018	09.03	PO	Conductor Replacement Work.
Lonikand - Bhosari	IntraState	10/10/2018	07.27	10/10/2018	09.49	EO	To attend Hot Spot
Mahindra Vehicle-Bridgestone	IntraState	10/10/2018	08.00	10/10/2018	16.33	PO	Stringing work
Osmanabad - Solapur (Bale)	IntraState	10/10/2018	08.23	10/10/2018	10.50	PO	Disc Insulator Replacement Work
Kharghar-Borivali ckt II	IntraState	10/10/2018	08.52	10/10/2018	10.32	EO	To attend Hot Spot
Mumewadi -Halkarni I	IntraState	10/10/2018	09.09	10/10/2018	15.00	PO	Tan Delta Measurment of CTs
Dhamangaon New - Badnera	IntraState	10/10/2018	10.01	10/10/2018	17.15	PO	Testing Work
Khaparkheda-Kanhan	IntraState	10/10/2018	10.54	10/10/2018	17.32	PO	Testing Work
Lamboti - Pandharpur li	IntraState	10/10/2018	11.37	10/10/2018	13.30	T	Distance Protection B phase Zone -1
Jejuri (400 Kv)- Baramati li	IntraState	10/10/2018	13.08	10/10/2018	19.21	EO	To attend Hot Spot
Lonikand (400 Kv)-Theur li	IntraState	10/10/2018	15.00	10/10/2018	19.28	T	Load Trimming Operated
Kandalgaon - Bhira	IntraState	10/10/2018	17.25	10/10/2018	20.18	T	Distance Protection Y phase

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/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 11/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nashik-Padgha	IntraState	11/10/2018	04.43	11/10/2018	13.52	T	Distance Protection
Trombay - Kalwa	IntraState	11/10/2018	04.52	11/10/2018	10.14	PO	Construction Work.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	11/10/2018	06.43	11/10/2018	12.55	T	Distance Protection, Z-1, R PH Earth, I-10.591KA, LOC.19, Flashover String Is Replaced.
Mahindra Vehicle-Bridgestone	IntraState	11/10/2018	08.02	11/10/2018	17.03	PO	Stringing Work.
Mumewadi -Halkarni II	IntraState	11/10/2018	09.33	11/10/2018	14.20	PO	Tan Delta Measurement of CTs
Mahad - Pedambe	IntraState	11/10/2018	09.55	11/10/2018	15.35	PO	Replacement of Wavetrapp Jumper
Deepnagar Amalner	IntraState	11/10/2018	10.56	11/10/2018	14.54	PO	Insulator Replacement Work
Talandge-Hamidwada	IntraState	11/10/2018	11.57	11/10/2018	12.12	T	Distance Protection
Deepnagar Amalner	IntraState	11/10/2018	15.09	11/10/2018	20.43	T	Distance Protection Operated Zone 1, R PH.
Dhule-Chalisagaon	IntraState	11/10/2018	15.13	11/10/2018	16.58	HT	Control Dhule ICT O/L.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	09/10/2018	15.13	10/10/2018	11.30	PO	Overhauling Of OLTC.
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	10/10/2018	12.09		Continued.	PO	OLTC Overhauling work
132 KV LINE Outages/Trippings							
Morshi-Warud	IntraState	09/10/2018	13.38	10/10/2018	10.47	T	Distance Protection, Zone 1, B PH Conductor Snapped.
Virur - Ashti	IntraState	10/10/2018	00.12	10/10/2018	00.23	T	Over Current Protection

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