

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Oct/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.335	1323.388	1) Gujrat	4.969	38.028
2) Hydro	4.114	178.012	2) Madhya Pradesh	24.508	238.222
3) Gas	6.140	75.100	3) Chattisgarh	8.400	67.690
Total MSPGCL	137.589	1576.500	4) Maharashtra Net	155.240	1695.133
B) 1) APML	72.663	675.581	5) Goa (Amona)	-0.110	-2.926
2) JSWEL	28.790	314.916	Total	193.007	2036.147
3) VIPL	8.666	100.756	a) Mumbai Schedule	30.017	311.496
4) RPL(AMT)	6.478	70.892	b) Mumbai Drawl	32.684	332.716
5) WPCL	5.502	55.257	c) MSEDCL Bilateral *	89.913	907.488
6) PGPL	0.000	0.000	Include PX	56.605	545.027
7) Other IPP	7.635	82.144	d) Mumbai Bilateral *	30.017	310.856
C) 1) TPCL Thermal	16.844	176.334	Include PX	13.978	100.295
2) TPCL Hydro	5.653	60.535	Include Standby	0.000	0.640
3) TPCL Gas	4.344	47.945	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.947	130.864	1) MSEDCL	441.556	4739.631
D) STATE			2) Mumbai Discoms	71.472	748.395
1) Thermal	285.860	2930.132	TOTAL STATE	513.028	5488.026
(A1+C1+C4+(B1-B6))					
2) Hydro	9.767	238.547			
(A2+C2)					
3) Gas	10.484	123.045			
(A3+B6+C3)					
4) Wind	8.297	96.841			
6) SOLAR	5.613	63.313			
TOTAL STATE	320.021	3451.878			

* 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 2 Hrs
MSPGCL Thermal	5317	5325	5458	5221
MSPGCL Hydro	206	168	416	102
MSPGCL Gas	279	277	148	288
MSPGCL Total Generation	5802	5770	6022	5610
Central Sector Receipt	9370	9234	7644	7179
WIND	326	270	444	349
CPP / IPP Thermal	5425	5429	5443	5416
CPP / IPP Gas	0	0	0	0
SOLAR	849	825	2	0
Exchange with Mumbai	-1662	-1617	-1454	-1236
MSEDCL DEMAND MET	20109	19911	18101	17318
Load Shedding	620	839	7	33
MSEDCL DEMAND	20729	20750	18108	17351
TPCL GENERATION	1352	1352	1353	847
R-INFRA GENERATION	496	500	498	498
MUMBAI DEMAND	3510	3469	3305	2581
STATE DEMAND MET	23619	23380	21406	19899
STATE DEMAND	24239	24219	21413	19932
Frequency (Hz)	49.98	50.02	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.74 Hz at 16.46 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 11/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	10.58	115.44	570	386
Unit 10	8.61	23.71	410	290
Total	19.19	205.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.07	97.55	360	320
Unit 5	8.04	29.28	365	325
Total	16.10	126.83		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.27	46.87	193	170
Unit 7	4.28	49.12	190	162
Unit 8	0.00	0.00	0	0
Total	8.55	95.99		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.98	47.00	170	164
Unit 5	9.26	95.42	405	355
Unit 6	9.25	96.74	405	355
Unit 7	9.31	97.86	407	360
Unit 8	9.99	102.93	426	400
Unit 9	9.98	102.63	427	391
Total	51.78	544.08		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.95	62.71	253	240
Total	5.95	62.71		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.36	21.40	155	125
Unit 3	0.00	32.59	0	0
Unit 4	3.89	39.09	173	146
Unit 5	10.92	113.10	500	410
Total	18.18	206.18		
Nasik				
Unit 3	3.78	40.76	165	153
Unit 4	3.81	41.73	162	153
Unit 5	0.00	0.00	0	0
Total	7.59	82.49		
Uran				
All Units	6.14	75.10	301	138
Total	6.14	75.10		
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)	0.70	7.67	33	27

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.70	7.67		
Koyna				
Stage 1-2	1.91	49.33	235	40
Stage 4	0.00	81.84	0	0
Stage 3	0.42	29.03	80	0
Total	2.33	160.20		
Hydro				
KDPH	0.44	2.55	19	19
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.	0.37	3.14	80	0
RNGR+BHTSA	0.40	4.18	17	16
BHANDARDRA	0.34	1.89	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	2.60	19	7
GHATGHAR	0.00	1.20	0	0
Total	1.79	17.82		
Wind				
Total	8.30	96.84	0	0
Total	8.30	96.84		
CPP				
APML(Mus)	72.66	675.58	0	0
JSWEL(Mus)	28.79	314.92	0	0
VIPL(Mus)	8.67	100.76	0	0
RPLAMT(Mus)	6.48	70.89	0	0
WPCL(Mus)	5.50	55.26	0	0
Other(Mus)	7.64	82.14	0	0
Total	129.73	1299.55		
SOLAR				
Total	5.61	63.31	0	0
Total	5.61	63.31		
Tata				
Trombay 5	11.21	114.85	479	402
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	30.38	116	114
Trombay 7B	1.58	17.56	67	65
Trombay 8	5.63	61.48	239	229
TATA Hydro	5.65	60.54	459	0
Total	26.84	284.81		
R-INFRA				
DTPS U-1&2	11.95	130.86	500	495
Total	11.95	130.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.34	1323.39	MSPGCL Total	137.59	1576.50
			MSPGCL Thml+Gas	133.48	1398.49	Koyna 1,2 & 4 Total	1.91	131.17
			MSPGCL Hydro	4.11	178.01	State Total	320.02	3451.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	5222	96	298	5616	270	5318	0	0	7208	7324	-1445	17084	33	17117	2863	19980	49.95
2	5221	102	288	5610	349	5416	0	0	7616	7179	-1236	17318	33	17351	2581	19932	49.96
3	5210	96	298	5604	424	5400	0	0	7618	7310	-1041	17698	25	17723	2398	20121	50.01
4	5156	106	299	5562	472	5377	0	0	7584	7582	-930	18063	11	18074	2287	20361	49.98
5	5189	122	288	5598	389	5404	0	0	7500	7655	-856	18191	11	18202	2241	20443	50.02
6	5197	112	299	5608	378	5396	0	0	8061	8029	-900	18511	529	19040	2282	21322	49.96
7	5199	96	301	5596	401	5397	0	31	8388	8002	-971	18457	1011	19468	2355	21823	50.00
8	5273	96	299	5668	315	5363	0	156	8350	8162	-1079	18585	959	19544	2480	22024	49.99
9	5370	142	287	5798	270	5410	0	428	8086	8151	-1235	18823	496	19319	2784	22103	49.99
10	5359	178	294	5830	328	5414	0	590	8426	8577	-1426	19314	421	19735	3140	22875	49.98
11	5345	202	282	5830	341	5410	0	739	9005	9340	-1588	20072	347	20419	3360	23779	49.99
12	5317	206	279	5802	326	5425	0	849	9130	9370	-1662	20109	620	20729	3510	24239	49.98
13	5325	168	277	5770	270	5429	0	825	8997	9234	-1617	19911	839	20750	3469	24219	50.02
14	5338	114	278	5730	243	5423	0	708	8975	8807	-1632	19279	854	20133	3382	23515	50.03
15	5341	142	277	5760	260	5404	0	582	9178	9294	-1625	19676	539	20215	3465	23680	49.81
16	5306	268	278	5852	236	5418	0	414	9056	9166	-1640	19446	306	19752	3480	23232	49.97
17	5326	292	278	5896	266	5440	0	225	8634	8324	-1563	18589	226	18815	3403	22218	49.91
18	5417	186	279	5882	304	5441	0	60	7753	7594	-1479	17802	217	18019	3318	21337	49.88
19	5435	224	194	5854	316	5421	0	4	7471	7565	-1557	17602	75	17677	3308	20985	49.85
20	5458	416	148	6022	444	5443	0	2	7291	7644	-1454	18101	7	18108	3305	21413	49.97
21	5436	200	138	5774	446	5402	0	0	6930	7127	-1374	17376	7	17383	3096	20479	50.02
22	5403	182	150	5736	445	5420	0	0	6886	6944	-1404	17140	5	17145	2989	20134	50.00
23	5295	182	150	5628	428	5415	0	0	6919	7082	-1472	17080	3	17083	2987	20070	50.04
24	5197	182	181	5560	376	5343	0	0	7160	7545	-1498	17327	3	17330	2989	20319	49.99
MUs	127.33	4.11	6.14	137.59	8.30	129.73	0.00	5.61	192.22	193.01	-32.68	441.56	7.58	449.13	71.47	520.61	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 11/Oct/2018

Position as on 6.30 Hrs of 12/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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	Khaparkheda 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	Koradi Unit-8	660	09/10/2018	10.18		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 3	210	09/10/2018	22.08	12/10/2018	01.05	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	11/10/2018	18.16	11/10/2018	22.59	Excitation T/F Failure.	
MSPGCL	Parli Unit 7	250	12/10/2018	01.00	12/10/2018	05.05	Furnace Pressure High	
MSPGCL	Parli Unit 7	250	12/10/2018	21.48		Continued.	Coal mill problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 12/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 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	12/10/2018	06.26	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/10/2018	18.15		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	12/10/2018	20.32		Continued.	EO	Taken On TBC Attend Hot Spot At PG End-B-PH D Isolator.
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
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.
N.Koyna-Karad -Ckt I	IntraState	12/10/2018	06.32	12/10/2018	19.00	T	Distance Protection,RPH E/F IR-7.93KA,23.9KM From Karad,At Loc -125 Flashover String Replaced,&At Loc No -49,50,04 No.Of String Replaced.
Deepnagar - Aurangabad	IntraState	12/10/2018	07.32	12/10/2018	15.25	PO	Replacement Of Dead end and Mid Span Joint.
Nagothane - Dabhol I	IntraState	12/10/2018	13.50	12/10/2018	14.59	T	Tripped at Dabhol end only
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.
Talandage - Chikodi	InterState	12/10/2018	14.25		Continued.	EO	For CT Replacement at Chikodi end.
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
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 Measurment of CTs
Mahad - Pedambe	IntraState	11/10/2018	09.55	11/10/2018	15.35	PO	Replacement of Wavetrap 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.
Eklahare (Gcr) - Airoli Know Park	IntraState	12/10/2018	05.37		Continued.	PO	Erection Of Tower.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	12/10/2018	05.44	12/10/2018	07.30	T	Distance Protection, B Phase E/F, 4.925KA, 33.3Km.

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 11/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 12/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ghatghar - Bapgaon	IntraState	12/10/2018	06.10		Continued.	PO	Erection of new online tower at location 329A and 326.
Urse - Talegaon (Ambi) Ckt 2	IntraState	12/10/2018	06.20	12/10/2018	07.12	T	Distance Protection,BPh E/F IB-4.925KA.
Urse - Talegaon (Ambi) Ckt 1	IntraState	12/10/2018	06.20	12/10/2018	18.02	T	Distance Protection.
Sahara-Urse	IntraState	12/10/2018	07.53	12/10/2018	18.07	HT	Control Load on Talegaon-Urse Ckt.
220kv Halkarni- Tillary	IntraState	12/10/2018	09.24	12/10/2018	14.07	PO	CT Tan Delta,CB CRM.
Hingoli- Girawali	IntraState	12/10/2018	10.03	12/10/2018	15.21	PO	Insulator Fixing Work.
Nagothane - ACCIL	IntraState	12/10/2018	10.19	12/10/2018	22.37	PO	Diagnostic Testing Work.
Padgha - Temghar I	IntraState	12/10/2018	11.56	12/10/2018	21.34	T	Distance Protection
Padgha-Temghar-II	IntraState	12/10/2018	11.56	12/10/2018	12.49	T	Over Current Protection
Colourchem - Temghar	IntraState	12/10/2018	11.58	12/10/2018	22.00	T	Distance Protection Z2,R, Y PH,14.09 kM ,LA-5.4 KA ,LB-6.1 KA, At Loc No-39, Conductor Snapped.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	12/10/2018	12.49	12/10/2018	13.20	T	Distance Protection Tripped at Karad end only.
Temghar - Kalwa	IntraState	12/10/2018	13.49	12/10/2018	22.01	HT	To Control Load On Padgha-Temghar Ckt -2.
Nerul-Trombay	IntraState	12/10/2018	22.37		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	10/10/2018	12.09	12/10/2018	14.23	PO	OLTC Overhauling work
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	12/10/2018	13.08	12/10/2018	13.21	T	Distance Protection Operated Zone 1 RPH,16.05 km,4.9 Ka

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