

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.703	830.624	1) Gujrat	3.767	23.723
2) Hydro	12.246	89.256	2) Madhya Pradesh	19.420	151.007
3) Gas	6.825	48.282	3) Chattisgarh	5.610	41.940
Total MSPGCL	139.774	968.162	4) Maharashtra Net	153.393	1076.405
B) 1) APML	60.331	418.361	5) Goa (Amona)	-0.286	-2.200
2) JSWEL	28.568	199.244	Total	181.904	1290.875
3) VIPL	8.660	66.110	a) Mumbai Schedule	23.231	190.145
4) RPL(AMT)	6.448	45.304	b) Mumbai Drawl	28.012	202.455
5) WPCL	4.128	32.611	c) MSEDCL Bilateral *	84.239	596.734
6) PGPL	0.000	0.000	Include PX	51.739	369.151
7) Other IPP	7.542	52.149	d) Mumbai Bilateral *	22.591	189.505
C) 1) TPCL Thermal	12.090	110.100	Include PX	6.682	51.556
2) TPCL Hydro	3.558	34.554	Include Standby	0.640	0.640
3) TPCL Gas	4.355	30.548	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.735	82.935	1) MSEDCL	431.393	2983.665
D) STATE			2) Mumbai Discoms	59.750	460.594
1) Thermal	260.205	1837.438	TOTAL STATE	491.143	3444.259
(A1+C1+C4+(B1-B6))					
2) Hydro	15.804	123.810			
(A2+C2)					
3) Gas	11.180	78.830			
(A3+B6+C3)					
4) Wind	16.189	72.740			
6) SOLAR	5.861	40.564			
TOTAL STATE	309.239	2153.382			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5262	5022	4743	5102
MSPGCL Hydro	225	223	1291	110
MSPGCL Gas	277	261	282	294
MSPGCL Total Generation	5764	5506	6316	5506
Central Sector Receipt	8382	8963	6877	7094
WIND	1093	749	214	936
CPP / IPP Thermal	4872	4834	4930	4796
CPP / IPP Gas	0	0	0	0
SOLAR	822	651	0	0
Exchange with Mumbai	-1267	-1321	-1066	-1053
MSEDCL DEMAND MET	19666	19382	17271	17279
Load Shedding	0	0	0	0
MSEDCL DEMAND	19666	19382	17271	17279
TPCL GENERATION	735	762	1132	640
R-INFRA GENERATION	500	499	496	498
MUMBAI DEMAND	2502	2582	2694	2191
STATE DEMAND MET	22168	21964	19965	19470
STATE DEMAND	22168	21964	19965	19470
Frequency (Hz)	50.00	49.96	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.79 Hz at 00.31 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 07/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	8.60	54.76	494	250
Unit 9	11.35	74.24	660	334
Unit 10	0.00	0.00	0	0
Total	19.96	129.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.23	61.56	500	355
Unit 5	0.00	0.00	0	0
Total	10.23	61.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.62	28.85	201	177
Unit 7	4.52	31.35	198	180
Unit 8	0.00	0.00	0	0
Total	9.14	60.21		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.42	30.51	188	181
Unit 5	8.89	60.75	400	332
Unit 6	9.00	62.11	405	339
Unit 7	9.12	63.01	415	328
Unit 8	8.38	66.70	393	320
Unit 9	8.36	66.29	399	309
Total	48.19	350.88		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.65	39.94	250	229
Total	5.65	39.94		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	1.57	17.18	175	0
Unit 3	3.98	25.30	185	149
Unit 4	3.70	24.23	165	140
Unit 5	10.87	70.24	480	416
Total	20.12	136.94		
Nasik				
Unit 3	3.67	25.74	161	147
Unit 4	3.75	26.36	160	150
Unit 5	0.00	0.00	0	0
Total	7.42	52.11		
Uran				
All Units	6.82	48.28	302	261
Total	6.82	48.28		
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)	0.74	4.70	51	22

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.74	4.70		
Koyna				
Stage 1-2	3.88	26.96	500	35
Stage 4	5.10	37.85	995	0
Stage 3	1.55	14.07	240	0
Total	10.52	78.88		
Hydro				
KDPH	0.00	1.46	0	0
VTRNA	0.00	0.36	0	0
TILLARI	0.48	1.71	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	1.73	80	0
RNGR+BHTSA	0.40	2.60	17	16
BHANDARDRA	0.34	0.52	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	1.60	19	8
GHATGHAR	0.00	0.39	0	0
Total	1.73	10.38		
Wind				
Total	16.19	72.74	0	0
Total	16.19	72.74		
CPP				
APML(Mus)	60.33	418.36	0	0
JSWEL(Mus)	28.57	199.24	0	0
VIPL(Mus)	8.66	66.11	0	0
RPLAMT(Mus)	6.45	45.30	0	0
WPCL(Mus)	4.13	32.61	0	0
Other(Mus)	7.54	52.15	0	0
Total	115.68	813.78		
SOLAR				
Total	5.86	40.56	0	0
Total	5.86	40.56		
Tata				
Trombay 5	6.55	71.14	454	150
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	19.34	116	112
Trombay 7B	1.60	11.21	68	65
Trombay 8	5.54	38.96	238	199
TATA Hydro	3.56	34.55	317	6
Total	20.00	175.20		
R-INFRA				
DTPS U-1&2	11.74	82.94	502	374
Total	11.74	82.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.70	830.62	MSPGCL Total	139.77	968.16
			MSPGCL Thml+Gas	127.53	878.91	Koyna 1,2 & 4 Total	8.97	64.80
			MSPGCL Hydro	12.25	89.26	State Total	309.24	2153.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5288	424	287	5999	832	4758	0	0	7086	7086	-1345	17330	0	17330	2730	20060	49.88
2	5124	370	289	5783	810	4699	0	0	6977	7187	-1176	17303	0	17303	2530	19833	49.91
3	5056	270	300	5626	938	4771	0	0	6926	6932	-1131	17136	0	17136	2355	19491	49.92
4	5056	121	290	5467	888	4772	0	0	6992	7295	-1117	17305	0	17305	2247	19552	49.98
5	5102	110	294	5506	936	4796	0	0	7045	7094	-1053	17279	0	17279	2191	19470	49.98
6	5129	90	302	5521	952	4784	0	0	7789	7785	-1095	17947	0	17947	2194	20141	50.00
7	5166	155	294	5615	930	4792	0	22	8091	8262	-1079	18542	0	18542	2153	20695	50.02
8	5322	105	299	5726	747	4800	0	179	8095	8090	-1052	18490	0	18490	2136	20626	49.99
9	5477	124	290	5891	724	4678	0	433	8036	7706	-1163	18269	0	18269	2196	20465	50.07
10	5553	170	283	6006	876	4660	0	642	7774	7396	-1328	18252	0	18252	2308	20560	50.03
11	5446	215	278	5939	932	4742	0	769	7650	7665	-1333	18714	0	18714	2425	21139	50.01
12	5262	225	277	5764	1093	4872	0	822	8493	8382	-1267	19666	0	19666	2502	22168	50.00
13	5067	145	274	5486	1077	4739	0	818	8565	8500	-1321	19299	0	19299	2534	21833	49.96
14	4982	160	272	5414	892	4723	0	765	8513	8456	-1252	18998	0	18998	2522	21520	50.00
15	5022	223	261	5506	749	4834	0	651	8519	8963	-1321	19382	0	19382	2582	21964	49.96
16	4967	478	273	5718	580	4889	0	427	8550	8673	-1270	19017	0	19017	2601	21618	49.93
17	4940	293	273	5506	453	4886	0	271	8356	8595	-1160	18551	0	18551	2581	21132	50.00
18	4975	298	277	5550	317	4923	0	62	7239	7683	-955	17580	0	17580	2484	20064	49.97
19	4757	1028	281	6066	262	4920	0	0	6545	6976	-1003	17221	0	17221	2590	19811	49.95
20	4743	1291	282	6316	214	4930	0	0	6497	6877	-1066	17271	0	17271	2694	19965	49.99
21	4647	1175	284	6106	251	4936	0	0	6090	6613	-1038	16868	0	16868	2684	19552	49.98
22	4617	1525	285	6427	237	4922	0	0	6067	6368	-1082	16872	0	16872	2745	19617	49.97
23	4512	1508	294	6314	262	4923	0	0	6188	6611	-1163	16947	0	16947	2846	19793	49.94
24	4493	1743	286	6522	237	4929	0	0	6218	6709	-1242	17155	0	17155	2920	20075	49.93
MUs	120.70	12.25	6.82	139.77	16.19	115.68	0.00	5.86	178.30	181.90	-28.01	431.39	0.00	431.39	59.75	491.14	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 07/Oct/2018

Position as on 6.30 Hrs of 08/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		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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Khaparkhedda 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	Koradi Unit 10	660	29/09/2018	12.42		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 5	500	30/09/2018	03.50	08/10/2018	06.03	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.	
CPP	SWPGL U-3	135	05/10/2018	06.20	07/10/2018	09.20	ID Fan vibration.	
MSPGCL	Koyna Unit 12	80	06/10/2018	06.25		Continued.	EM-Outage For Attending Heavy Water Leakage In Main Valve Bypass.	
MSPGCL	Khaparkhedda Unit 2	210	07/10/2018	10.20		Continued.	De-superheate leakage problem	
MSPGCL	Bhusawal Unit 5	500	08/10/2018	06.57	08/10/2018	08.45	Drum Level High Protection.	
RGPL	Dabhol 2B	230	08/10/2018	13.52	08/10/2018	15.14	Due to low lubrication oil	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 08/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	06/10/2018	20.20	08/10/2018	06.19	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	08/10/2018	13.35	08/10/2018	17.58	T	Distance Protection
Dhule Sar'Sarovar I	InterState	08/10/2018	18.05		Continued.	HT	Over Voltage
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)
Karad - Talandge Ckt 1	IntraState	06/10/2018	09.03	08/10/2018	18.20	PO	Taken on TBC for overhauling of CGL make CB mechanism drive & guterly maintance work
Khadka-Aurangabad (Waluj)	IntraState	06/10/2018	18.02	07/10/2018	06.18	HT	Over Voltage
Deepnagar Taptitanda	IntraState	07/10/2018	14.37	07/10/2018	19.36	HT	HT due to isolater sparking
Khadka-Aurangabad (Waluj)	IntraState	07/10/2018	19.52	08/10/2018	06.47	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	08/10/2018	09.06	08/10/2018	15.52	PO	Replacement of Dead end and MID span joint
N.Koyna-Karad -Ckt I	IntraState	08/10/2018	09.17	08/10/2018	17.34	PO	Insulator Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	08/10/2018	19.10		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	08/10/2018	10.26	08/10/2018	20.20	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	08/10/2018	15.45	08/10/2018	16.45	T	Due To Verming Proofing of CTMB/CBMB At Yard Without Any Indication.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	08/10/2018	15.45	08/10/2018	16.32	T	Due To Verming Proofing of CTMB/CBMB At Yard Without Any Indication.
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.
Talegaon(PG)-Talegaon(Ambi)-II	InterState	07/10/2018	12.42	07/10/2018	17.33	PO	Replacment of CU plam and Relay Testing
Tillari Amona	InterState	08/10/2018	23.50		Continued.	T	Tripped At Amona End.
Mahalakshmi Amona	InterState	08/10/2018	23.50		Continued.	T	Tripped At Amona 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		Continued.	PO	Conductor Replacement
Nagothane - Spcl	IntraState	06/10/2018	14.50	07/10/2018	12.53	T	Distance Protection, Y PH LA Blast At SPCL End.
Padgha-Temghar-II	IntraState	06/10/2018	14.59	07/10/2018	06.48	PO	Erection of Tower & Dismantalling of Existing Tower.
Padgha - Temghar I	IntraState	06/10/2018	14.59	07/10/2018	06.48	PO	Erection of Tower & Dismantalling Of Existing tower.
Mahindra Vehicle-Bridgestone	IntraState	07/10/2018	08.16	07/10/2018	16.15	PO	Stringing work
Kalwa - Mulund 2	IntraState	07/10/2018	09.52	07/10/2018	13.24	PO	CB B ph Hot Spot at kalwa
Hinjawadi I- Chinchwad	IntraState	07/10/2018	12.04	07/10/2018	17.55	PO	Load management of talegaon(pg)-talegaon ambi-1
Sahara-Urse	IntraState	07/10/2018	12.08	07/10/2018	17.47	PO	Load management of talegaon(pg)-talegaon ambi-2

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 07/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagothane - Spcl	IntraState	07/10/2018	13.23	08/10/2018	18.00	T	Distance Protection
Adlabs - Pedambe	IntraState	07/10/2018	14.27	07/10/2018	15.40	T	Distance Protection pedambe end
Halkarni-Hemrusline	IntraState	08/10/2018	10.30	08/10/2018	15.10	PO	Diagnostic Testing Work
Koradi II - Kawlewada	IntraState	08/10/2018	10.37	08/10/2018	12.23	EO	Attending Hot Spot
Talandge(400kv)- Ichalkaranji 1	IntraState	08/10/2018	11.54	08/10/2018	15.49	PO	Replacement of 3 Nos Flashover insulator strings
220KV Sawangi- Bhokardan	IntraState	08/10/2018	14.20	08/10/2018	19.09	EO	Attending Hot Spot On B-PH Jumper.
Padegaon-Sawangi	IntraState	08/10/2018	15.05	08/10/2018	19.06	EO	Attending Hot Spot On B-PH Jumper.
Sonkhar - Trombay	IntraState	08/10/2018	20.24	08/10/2018	23.29	PO	Removing the bunching
220 KV ICT Outages/Trippings							
220/132 kV 100 MVA ICT @ Anjangaon	IntraState	06/10/2018	19.34	07/10/2018	09.05	T	HV/LV operated, 3Ph LBB Operated.
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	07/10/2018	05.51	07/10/2018	11.26	PO	Attending Hot Spot
220/132KV 100MVA -1@Alephata	IntraState	07/10/2018	11.50	07/10/2018	13.49	PO	Breaker CRM
220/132kv 100MVA ICT-II @ Alephata	IntraState	07/10/2018	13.55	07/10/2018	15.06	PO	Breaker CRM
220/22kv 100MVA T/F-I @ Nalasopara	IntraState	08/10/2018	10.45	08/10/2018	11.30	EO	LV Y PH Bhushing Leakage Attended 38mw load shedding
132 KV LINE Outages/Trippings							
Kalmeshwar-Katol	IntraState	08/10/2018	16.07	08/10/2018	16.25	T	Distance Protection, Zone 1, Y-PH 3.02KA & B-PH 2.98KA.

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