

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.314	709.921	1) Gujrat	2.270	19.956
2) Hydro	11.217	77.010	2) Madhya Pradesh	19.547	131.587
3) Gas	6.891	41.457	3) Chattisgarh	6.100	36.330
Total MSPGCL	137.422	828.388	4) Maharashtra Net	154.062	923.012
B) 1) APML	59.904	358.030	5) Goa (Amona)	-0.374	-1.914
2) JSWEL	28.149	170.676	Total	181.605	1108.971
3) VIPL	8.673	57.450	a) Mumbai Schedule	27.438	166.914
4) RPL(AMT)	6.520	38.856	b) Mumbai Drawl	28.858	174.443
5) WPCL	2.807	28.483	c) MSEDCL Bilateral *	82.428	512.495
6) PGPL	0.000	0.000	Include PX	50.609	317.412
7) Other IPP	8.344	44.607	d) Mumbai Bilateral *	27.438	166.914
C) 1) TPCL Thermal	16.198	98.010	Include PX	8.580	44.874
2) TPCL Hydro	4.919	30.996	Include Standby	0.000	0.000
3) TPCL Gas	4.353	26.193	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.804	71.200	1) MSEDCL	428.637	2552.272
D) STATE			2) Mumbai Discoms	66.132	400.844
1) Thermal	261.713	1577.233	TOTAL STATE	494.769	2953.116
(A1+C1+C4+(B1-B6))					
2) Hydro	16.136	108.006			
(A2+C2)					
3) Gas	11.244	67.650			
(A3+B6+C3)					
4) Wind	17.796	56.551			
6) SOLAR	6.275	34.703			
TOTAL STATE	313.164	1844.143			

* 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	4900	4907	4860	5095
MSPGCL Hydro	302	150	1322	103
MSPGCL Gas	280	273	294	289
MSPGCL Total Generation	5482	5330	6476	5487
Central Sector Receipt	8435	8661	6935	6787
WIND	821	941	589	865
CPP / IPP Thermal	4814	4718	4835	4671
CPP / IPP Gas	0	0	0	0
SOLAR	875	892	0	0
Exchange with Mumbai	-1456	-1468	-1279	-972
MSEDCL DEMAND MET	18971	19074	17556	16838
Load Shedding	0	0	0	0
MSEDCL DEMAND	18971	19074	17556	16838
TPCL GENERATION	1233	1174	1236	808
R-INFRA GENERATION	502	501	496	385
MUMBAI DEMAND	3191	3143	3011	2165
STATE DEMAND MET	22162	22217	20567	19003
STATE DEMAND	22162	22217	20567	19003
Frequency (Hz)	50.00	50.01	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 09.02 Hrs	49.72 Hz at 18.26 Hrs	49.98	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 06/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	7.24	46.16	400	238
Unit 9	10.32	62.89	660	270
Unit 10	0.00	0.00	0	0
Total	17.56	109.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.31	51.32	495	410
Unit 5	0.00	0.00	0	0
Total	11.31	51.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.63	24.24	205	184
Unit 7	4.54	26.83	194	184
Unit 8	0.00	0.00	0	0
Total	9.17	51.06		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.41	26.09	188	173
Unit 5	8.11	51.86	400	320
Unit 6	8.95	53.11	400	315
Unit 7	9.24	53.89	410	340
Unit 8	8.16	58.32	372	322
Unit 9	8.16	57.92	366	327
Total	47.03	302.69		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.60	34.29	240	220
Total	5.60	34.29		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.21	15.61	160	90
Unit 3	3.63	21.31	180	110
Unit 4	3.54	20.53	170	135
Unit 5	10.77	59.37	500	360
Total	21.15	116.82		
Nasik				
Unit 3	3.71	22.08	162	144
Unit 4	3.79	22.61	167	152
Unit 5	0.00	0.00	0	0
Total	7.50	44.69		
Uran				
All Units	6.89	41.46	302	261
Total	6.89	41.46		
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)	0.80	3.95	36	28

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.80	3.95		
Koyna				
Stage 1-2	2.85	23.08	385	40
Stage 4	4.92	32.75	844	0
Stage 3	1.58	12.53	170	0
Total	9.35	68.36		
Hydro				
KDPH	0.00	1.46	0	0
VTRNA	0.00	0.36	0	0
TILLARI	0.66	1.23	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.47	80	0
RNGR+BHTSA	0.39	2.20	17	16
BHANDARDRA	0.18	0.18	14	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.23	1.35	18	7
GHATGHAR	0.13	0.39	64	0
Total	1.86	8.65		
Wind				
Total	17.80	56.55	0	0
Total	17.80	56.55		
CPP				
APML(Mus)	59.90	358.03	0	0
JSWEL(Mus)	28.15	170.68	0	0
VIPL(Mus)	8.67	57.45	0	0
RPLAMT(Mus)	6.52	38.86	0	0
WPCL(Mus)	2.81	28.48	0	0
Other(Mus)	8.34	44.61	0	0
Total	114.40	698.10		
SOLAR				
Total	6.28	34.70	0	0
Total	6.28	34.70		
Tata				
Trombay 5	10.56	64.59	467	404
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	16.58	115	112
Trombay 7B	1.60	9.61	68	66
Trombay 8	5.64	33.42	239	223
TATA Hydro	4.92	31.00	459	0
Total	25.47	155.20		
R-INFRA				
DTPS U-1&2	11.80	71.20	502	385
Total	11.80	71.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.31	709.92	MSPGCL Total	137.42	828.39
			MSPGCL Thml+Gas	126.20	751.38	Koyna 1,2 & 4 Total	7.77	55.83
			MSPGCL Hydro	11.22	77.01	State Total	313.16	1844.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5034	150	300	5484	1025	4705	0	0	6897	6962	-1299	16877	0	16877	2690	19567	49.96
2	5090	150	289	5529	976	4687	0	0	6734	6727	-1096	16823	0	16823	2451	19274	49.94
3	5095	145	299	5539	921	4663	0	0	6600	6856	-933	17046	0	17046	2291	19337	49.99
4	5095	103	289	5487	865	4671	0	0	6534	6787	-972	16838	0	16838	2165	19003	50.00
5	5119	74	300	5493	757	4792	0	0	6623	6891	-826	17107	0	17107	2134	19241	49.99
6	5057	69	301	5427	710	4835	0	0	7513	7552	-798	17726	0	17726	2178	19904	50.01
7	4999	751	290	6040	671	4820	0	23	7888	7882	-828	18608	0	18608	2209	20817	50.00
8	5155	420	302	5877	651	4798	0	216	7934	7943	-901	18583	0	18583	2286	20869	50.01
9	5076	164	301	5541	536	4699	0	464	8038	8009	-1092	18157	0	18157	2519	20676	50.04
10	4894	170	290	5354	555	4652	0	671	7990	8037	-1303	17966	0	17966	2831	20797	50.02
11	4849	307	280	5436	691	4684	0	795	8264	8479	-1408	18677	0	18677	3078	21755	50.01
12	4900	302	280	5482	821	4814	0	875	8704	8435	-1456	18971	0	18971	3191	22162	50.00
13	4907	150	273	5330	941	4718	0	892	8660	8661	-1468	19074	0	19074	3143	22217	50.01
14	4858	157	272	5287	865	4675	0	823	8278	8580	-1428	18802	0	18802	3041	21843	50.00
15	4849	146	278	5273	858	4756	0	677	8388	8923	-1498	18989	0	18989	3131	22120	49.98
16	4780	292	276	5348	724	4792	0	491	8530	8923	-1463	18815	0	18815	3210	22025	49.98
17	4779	690	261	5730	709	4816	0	286	8170	8314	-1342	18513	0	18513	3145	21658	49.96
18	4811	554	280	5645	775	4828	0	62	7471	7666	-1264	17712	0	17712	3035	20747	49.94
19	4820	1218	280	6318	554	4825	0	0	6796	6952	-1248	17401	0	17401	3014	20415	49.89
20	4860	1322	294	6476	589	4835	0	0	6699	6935	-1279	17556	0	17556	3011	20567	49.97
21	4997	1067	285	6349	596	4835	0	0	6200	6511	-1242	17049	0	17049	2915	19964	50.00
22	5070	865	286	6221	631	4844	0	0	6122	6455	-1183	16968	0	16968	2811	19779	50.00
23	5108	852	287	6247	638	4833	0	0	6238	6655	-1248	17125	0	17125	2811	19936	49.96
24	5112	1099	298	6509	737	4819	0	0	6281	6472	-1283	17254	0	17254	2842	20096	49.92
MUs	119.31	11.22	6.89	137.42	17.80	114.40	0.00	6.28	177.55	181.60	-28.86	428.64	0.00	428.64	66.13	494.77	49.98

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 06/Oct/2018

Position as on 6.30 Hrs of 07/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	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	Koradi Unit 10	660	29/09/2018	12.42		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 5	500	30/09/2018	03.50		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.	
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	Khaparkheda Unit 2	210	07/10/2018	10.20		Continued.	De-superheate leakage problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Akola-II ckt-I	IntraState	06/10/2018	09.57	06/10/2018	19.19	PO	Testing And Maintenance of Main Bay-I,709 Equipment.
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	05/10/2018	10.47	06/10/2018	06:26	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	06/10/2018	20.20		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)
Khadka-Aurangabad (Waluj)	IntraState	05/10/2018	18.16	06/10/2018	05.45	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	06/10/2018	09.03		Continued.	PO	Taken on TBC for overhauling of CGL make CB mechanism drive & gterly maintance work
Parly(MS)- Nanded ckt II	IntraState	06/10/2018	09.20	06/10/2018	21.40	PO	Measurement of Tan Delta of CT & String Replacement.
Akola-Nandgaonpeth (RPL)	IntraState	06/10/2018	09.28	06/10/2018	19.30	PO	Routine Maintenance Work
koaradi II - Wardha(PG)	IntraState	06/10/2018	11.32	06/10/2018	15.34	PO	Routine Maintenance Work
Alkud-Kolhapur(Talandage)	IntraState	06/10/2018	13.42	06/10/2018	14.08	EO	Sparking on R PH Pentagram Isolator.
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	06/10/2018	12.33	06/10/2018	19.48	EO	Air cell Replacement.
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
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
Chakan (400kv)-Bridgestone	IntraState	06/10/2018	07.56	06/10/2018	14.58	PO	Stringing Work.
Niwali - Pawas Line	IntraState	06/10/2018	08.35	06/10/2018	17.23	PO	Insulator Replacement Work.
Uran - Kharghar I	IntraState	06/10/2018	08.42	06/10/2018	18.48	PO	B PH LA Replacement.
Koradi-Butibori Rly Tss	IntraState	06/10/2018	10.09	06/10/2018	15.44	PO	Tan Delta Measurment of CTs
BOISAR BORIVALI	IntraState	06/10/2018	14.11	06/10/2018	17.16	PO	Replacement CT Jumper Of Y PH.Charged At Borivali End Only.
Raymond - Washala	IntraState	06/10/2018	14.48	06/10/2018	17.50	EO	Attending Hot Spot
Nagothane - Spcl	IntraState	06/10/2018	14.50	07/10/2018	12.53	T	Distance Protection,Y PH LA Blast At SPCL End.
Taloja li - OCIL-II	IntraState	06/10/2018	14.50	06/10/2018	22.05	T	Differential protection, Y PH LA flash over.LA replaced.
Tilawani-Talandge-I	IntraState	06/10/2018	14.52	06/10/2018	16.15	EO	Tripping Trails.
Padgha - Temghar I	IntraState	06/10/2018	14.59	07/10/2018	06.48	PO	Erection of Tower & Dismantalling Of Existing tower.

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 06/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padgha-Temghar-II	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
Nagothane - Spcl	IntraState	07/10/2018	13.23		Continued.	T	Distance Protection
Adlabs - Pedambe	IntraState	07/10/2018	14.27	07/10/2018	15.40	T	Distance Protection pedambe end
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT @ Bhandara	IntraState	06/10/2018	06.17	06/10/2018	07.14	T	HV LV Back Up Protection Operated.
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
132 KV LINE Outages/Trippings							
Bhandara-Ambhora 1	IntraState	06/10/2018	06.17	06/10/2018	21.40	T	Y PH Conductor Snapped And Fall on Madgi Ckt 1&2.
Mouda-Bhandara	IntraState	06/10/2018	06.17	06/10/2018	07.50	T	Ambhora Ckt 1 Y PH Conductor Snapped and Fall on Madgi Ckt 1&2
Bhandara-Kardha	IntraState	06/10/2018	06.17	06/10/2018	07.10	T	ICT 1&2 HV LV Back up Protection Operated.
Tekepar-Kardha	IntraState	06/10/2018	06.17	06/10/2018	07.40	T	Tripping of ICT 1&2 on B/C Protection.

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