

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.793	792.292	1) Gujrat	16.016	113.633
2) Hydro	2.894	40.801	2) Madhya Pradesh	8.045	68.232
3) Gas	7.999	65.468	3) Chattisgarh	3.220	19.540
Total MSPGCL	139.686	898.561	4) Maharashtra	134.289	970.506
B) 1) APMIL	21.910	159.762	5) Goa (Amona)	-0.506	-1.870
2) JSWEL	19.401	119.508	Total	161.064	1170.041
3) VIPL	0.000	0.000	a) Mumbai Schedule	32.341	202.077
4) RPL(AMT)	19.638	151.099	b) Mumbai Drawl	34.980	222.800
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	24.497	213.178
6) Other IPP	8.109	59.019	Include PX	5.850	82.111
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	32.341	202.077
C) 1) TPCL Thermal	14.309	93.707	Include PX	15.191	100.243
2) TPCL Hydro	4.834	24.760	Standby	0.000	0.000
3) TPCL Gas	2.253	24.075	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.779	69.435	1) MSEDCL	343.669	2417.539
D) STATE			2) Mumbai Discoms	65.156	434.775
1) Thermal	220.939	1444.822	TOTAL STATE	408.825	2852.314
(A1+C1+C4+(B1-B6))					
2) Hydro	7.728	65.561			
(A2+C2)					
3) Gas	10.252	89.543			
(A3+B7+C3)					
4) Wind	2.554	41.329			
6) SOLAR	6.287	41.020			
TOTAL STATE	247.760	1682.275			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5307	5100	5755	5162
MSPGCL Hydro	71	66	209	72
MSPGCL Gas	349	349	258	378
MSPGCL Total Generation	5727	5515	6222	5612
Central Sector Receipt	7517	7138	7001	5450
WIND	151	178	133	44
CPP / IPP Thermal	2792	2766	3323	2762
CPP / IPP Gas	0	0	0	0
SOLAR	865	833	0	0
Exchange with Mumbai	-1837	-1881	-1405	-983
MSEDCL DEMAND MET	15215	14549	15274	12885
Load Shedding	0	0	0	0
MSEDCL DEMAND	15215	14549	15274	12885
TPCL GENERATION	962	982	1202	612
AEML GENERATION	393	396	395	373
MUMBAI DEMAND	3192	3259	3002	1968
STATE DEMAND MET	18407	17808	18276	14853
STATE DEMAND	18407	17808	18276	14853
Frequency (Hz)	50.07	50.01	50.05	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.02 Hrs	49.89 Hz at 09.11 Hrs	50.03	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/2019

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	3.61	3.61	305	0
Unit 9	11.62	71.41	535	440
Unit 10	11.03	73.15	500	400
Total	26.26	148.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.93	69.02	500	350
Unit 5	0.00	0.00	0	0
Total	9.93	69.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.96	33.98	248	191
Unit 8	4.94	34.00	219	194
Total	9.90	67.99		
Chandrapur				
Unit 3	3.68	11.46	175	130
Unit 4	3.82	24.72	169	133
Unit 5	8.19	52.24	375	250
Unit 6	9.36	55.11	435	356
Unit 7	0.00	0.00	0	0
Unit 8	10.20	60.77	480	360
Unit 9	9.47	59.96	470	359
Total	44.73	264.25		
Paras				
Unit 3	4.64	18.87	245	178
Unit 4	0.00	0.00	0	0
Total	4.64	18.87		
Khaparkheda				
Unit 1	3.58	17.72	165	125
Unit 2	3.63	27.39	175	0
Unit 3	0.00	22.63	0	0
Unit 4	4.09	26.50	190	160
Unit 5	10.95	63.10	490	365
Total	22.25	157.35		
Nasik				
Unit 3	3.72	17.35	174	126
Unit 4	3.75	24.25	170	150
Unit 5	3.62	25.05	172	132
Total	11.09	66.65		
Uran				
All Units	8.00	65.47	400	244
Total	8.00	65.47		
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)	0.92	7.59	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.92	7.59		
Koyna				
Stage 1-2	1.42	19.50	205	40
Stage 4	0.07	8.28	71	0
Stage 3	0.61	7.08	130	0
Total	2.10	34.86		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.71	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.30	0.79	15	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	1.56	13	12
GHATGHAR	0.00	0.63	0	0
Total	0.79	5.94		
Wind				
Total	2.55	41.33	0	0
Total	2.55	41.33		
CPP				
APML(Mus)	21.91	159.76	0	0
JSWEL(Mus)	19.40	119.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	19.64	151.10	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.11	59.02	0	0
Total	69.06	489.39		
SOLAR				
Total	6.29	41.02	0	0
Total	6.29	41.02		
Tata				
Trombay 5	9.40	59.64	469	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.23	14.92	58	48
Trombay 7B	1.02	9.16	47	40
Trombay 8	4.91	34.06	213	196
TATA Hydro	4.83	24.76	440	0
Total	21.40	142.54		
AEML				
DTPS U-1&2	8.78	69.44	409	194
Total	8.78	69.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.79	792.29	MSPGCL Total	139.69	898.56
			MSPGCL Thml+Gas	136.79	857.76	Koyna 1,2 & 4 Total	1.49	27.78
			MSPGCL Hydro	2.89	40.80	State Total	247.76	1682.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Oct/2019

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	5162	152	368	5682	28	2765	0	0	5897	5787	-1256	13006	0	13006	2420	15426	49.99
2	5178	107	387	5672	21	2781	0	0	5761	5740	-1179	13035	0	13035	2209	15244	50.01
3	5162	72	373	5607	27	2801	0	0	5520	5467	-1076	12826	0	12826	2063	14889	50.03
4	5162	72	378	5612	44	2762	0	0	5515	5450	-983	12885	0	12885	1968	14853	50.04
5	5263	67	388	5718	53	2758	0	0	5699	5779	-956	13352	0	13352	1940	15292	50.04
6	5595	72	400	6067	42	3079	0	0	6233	6313	-969	14532	0	14532	2028	16560	50.02
7	5716	67	379	6162	59	3153	0	21	6946	7137	-1015	15517	0	15517	2159	17676	50.07
8	5720	72	387	6179	77	3006	0	196	7096	7226	-1178	15506	0	15506	2318	17824	50.04
9	5660	71	367	6098	96	2815	0	493	7161	7212	-1467	15247	0	15247	2624	17871	50.01
10	5536	66	357	5959	121	2786	0	689	7177	7256	-1723	15088	0	15088	2958	18046	50.04
11	5307	71	349	5727	151	2792	0	865	7428	7517	-1837	15215	0	15215	3192	18407	50.07
12	5283	66	341	5690	113	2784	0	818	7588	7285	-1927	14763	0	14763	3300	18063	50.00
13	5100	66	349	5515	178	2766	0	833	7365	7138	-1881	14549	0	14549	3259	17808	50.01
14	5030	66	336	5432	112	2786	0	857	7062	7044	-1808	14423	0	14423	3153	17576	50.05
15	5063	104	342	5509	162	2697	0	674	7162	7147	-1846	14343	0	14343	3203	17546	50.02
16	4995	153	332	5480	161	2691	0	477	7333	7369	-1835	14343	0	14343	3231	17574	50.04
17	4968	191	341	5500	158	2693	0	264	7298	7228	-1661	14182	0	14182	3203	17385	50.00
18	4994	186	278	5458	136	2754	0	98	6995	7179	-1486	14139	0	14139	3078	17217	50.00
19	5552	328	244	6124	67	3219	0	2	6994	7011	-1449	14974	0	14974	3039	18013	50.03
20	5755	209	258	6222	133	3323	0	0	6904	7001	-1405	15274	0	15274	3002	18276	50.05
21	5741	150	268	6159	177	3014	0	0	6546	6821	-1409	14762	0	14762	2868	17630	50.03
22	5722	297	249	6268	153	3055	0	0	6277	6248	-1493	14231	0	14231	2730	16961	50.02
23	5604	92	259	5955	150	2909	0	0	6266	6393	-1522	13885	0	13885	2625	16510	50.00
24	5525	97	269	5891	135	2869	0	0	6353	6316	-1619	13592	0	13592	2585	16177	50.02
MUs	128.79	2.89	8.00	139.69	2.55	69.06	0.00	6.29	160.58	161.06	-34.98	343.67	0.00	343.67	65.15	408.82	50.03

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/2019

Position as on 6.30 Hrs of 08/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Koyna STG- IV Unit - 1	250	18/07/2019	14.30		Continued.	Breaker Air Pressure Problem(Converted for Capital Overhaul from DT.24-07-2019)	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit-8	660	25/08/2019	00.01	07/10/2019	05.49	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	25/08/2019	00.13	08/10/2019	14.26	Capital Overhaul	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual 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.	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(converted to zero schedule from 12.09.2019 at 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule	
IPP	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
MSPGCL	Parli Unit 6	250	19/09/2019	06.24		Continued.	Poor Coal Receipt.	
IPP	Adani U-2	660	30/09/2019	05.37		Continued.	Coal Shortage	
IPP	JSW (J) U3	300	30/09/2019	23.53	07/10/2019	11.57	No schedule.	
IPP	Adani U-5	660	01/10/2019	23.10		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-2	250	02/10/2019	19.19		Continued.	Down Stream Seal Leakage Problem.	
MSPGCL	Khaparkhedda Unit 3	210	06/10/2019	10.23	08/10/2019	02.38	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	07/10/2019	17.33		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Oct/2019

Position as on 6.30 Hrs of 08/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
AEML	AEML Unit 2	250	07/10/2019	21.18		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	07/10/2019	22.28		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2019

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 2	IntraState	24/09/2019	17.43	07/10/2019	16.03	PO	Tower Height Rise work
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/09/2019	17.56	07/10/2019	15.39	PO	Tower Height Rise 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 Khandwa II	InterState	05/10/2019	00.29		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	05/10/2019	08.31	07/10/2019	06.53	PO	Work at Bhadravati end
Kolhapur Solapur(PG) I	InterState	08/10/2019	03.30	08/10/2019	07.09	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/10/2019	23.55		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	05/10/2019	20.52		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	06/10/2019	14.56	07/10/2019	06.40	T	Y Phase LA Burst
Khadka-Aurangabad (Waluj)	IntraState	06/10/2019	17.51	07/10/2019	11.52	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	07/10/2019	02.00	07/10/2019	15.30	T	Distance Protection, Stage 4-Z-1, 15.55KA, 7.1KM, Jejuri- Z-2, 1.9KA, 86.6KM.
New Koyna - Dabhol-I	IntraState	07/10/2019	10.02	07/10/2019	17.00	PO	Insulator Replacement Work
Dhule- Bableshtar - I	IntraState	07/10/2019	12.29	07/10/2019	16.13	T	Distance Protection, Z1, R-E 3.5KM, 12.25KA.
Chandrapur - Parli	IntraState	07/10/2019	13.57		Continued.	T	Distance Protection, Z-2, B-Ph, 1.3KA, 317KM.
Nagothane - Dabhol I	IntraState	07/10/2019	14.06	07/10/2019	20.59	T	Distance Protection, Nagothane-R-Ph, Z-1.6KA, 49KM.
Khadka-Aurangabad (Waluj)	IntraState	07/10/2019	16.54		Continued.	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	08/10/2019	03.30	08/10/2019	07.35	T	Over Voltage
Nagothane - Dabhol I	IntraState	08/10/2019	13.27	08/10/2019	18.56	T	Distance Protection
Alkud-Kolhapur(Talandage)	IntraState	08/10/2019	23.36		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/10/2019	23.55		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	T	Distance Protection
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Chandrapur GCR - Sicom I	IntraState	01/10/2019	07.45		Continued.	PO	Erection of Inline Tower.
Chandrapur GCR - Sicom II	IntraState	01/10/2019	07.50		Continued.	PO	Erection of Inline Tower.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	07/10/2019	09.40	07/10/2019	12.27	PO	Routine Maintenance Work
Dasturi-Kandalgaon Line	IntraState	07/10/2019	10.05	07/10/2019	22.24	PO	Routine Maintenance Work
Talandage(400kv) - Five Star Midc	IntraState	07/10/2019	10.40	07/10/2019	16.36	PO	Routine Maintenance Work
Abhijeet-Wardha-I	IntraState	07/10/2019	12.51	07/10/2019	14.55	T	Distance Protection
Ghatghar - Bapgaon	IntraState	07/10/2019	14.03	07/10/2019	17.48	T	Distance Protection, Z-1, B-Phase -Earth.49.4KM. 0.38KAMP.
Kharepatan -Pawas Line	IntraState	07/10/2019	14.25	07/10/2019	20.58	T	Distance Protection
Dondaicha- Shahada	IntraState	07/10/2019	15.29	07/10/2019	16.29	T	Distance Protection
Kandalgaon - Pirangut	IntraState	07/10/2019	16.48	07/10/2019	18.00	HT	Hot Spot At B Ph, Mid Span Joint.
Versova Ghodbunder-II	IntraState	08/10/2019	07.13	08/10/2019	10.54	PO	Replacement of Polymer insulator

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/2019

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ghodbunder - Versova	IntraState	08/10/2019	11.09	08/10/2019	13.54	PO	Replacement of Polymer insulator
Ghatghar - Bapgaon	IntraState	08/10/2019	13.17	08/10/2019	13.55	T	Distance Protection
Kharghar - Tss Panvel	IntraState	08/10/2019	21.23		Continued.	T	Distance Protection
132 KV LINE Outages/Trippings							
Dhule(220kv) - Dhule(132 Kv) 2	IntraState	07/10/2019	13.19	07/10/2019	14.32	EO	Polythene Bag Removing Work.