

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.872	663.499	1) Gujrat	16.259	97.617
2) Hydro	4.322	37.907	2) Madhya Pradesh	9.304	60.187
3) Gas	9.452	57.469	3) Chattisgarh	2.660	16.320
Total MSPGCL	135.646	758.875	4) Maharashtra	123.240	836.217
B) 1) APMIL	22.202	137.852	5) Goa (Amona)	-0.044	-1.364
2) JSWEL	16.657	100.107	Total	151.419	1008.977
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.628	169.736
4) RPL(AMT)	20.710	131.461	b) Mumbai Drawl	25.948	187.820
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.568	188.680
6) Other IPP	8.499	50.910	Include PX	6.333	76.261
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.628	169.736
C) 1) TPCL Thermal	13.427	79.398	Include PX	10.560	85.051
2) TPCL Hydro	1.667	19.926	Standby	0.000	0.000
3) TPCL Gas	3.843	21.822	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.058	60.656	1) MSEDCL	337.238	2073.870
D) STATE			2) Mumbai Discoms	54.942	369.619
1) Thermal	213.425	1223.883	TOTAL STATE	392.180	2443.489
(A1+C1+C4+(B1-B6))					
2) Hydro	5.989	57.833			
(A2+C2)					
3) Gas	13.295	79.291			
(A3+B7+C3)					
4) Wind	3.044	38.775			
6) SOLAR	5.009	34.733			
TOTAL STATE	240.762	1434.515			

* 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	4785	4803	5465	5190
MSPGCL Hydro	201	204	332	150
MSPGCL Gas	399	393	373	416
MSPGCL Total Generation	5385	5400	6170	5756
Central Sector Receipt	7201	7062	6151	4939
WIND	219	141	92	51
CPP / IPP Thermal	2706	2624	3506	2811
CPP / IPP Gas	0	0	0	0
SOLAR	687	677	0	0
Exchange with Mumbai	-1355	-1407	-1017	-862
MSEDCL DEMAND MET	14843	14497	14902	12695
Load Shedding	0	0	0	0
MSEDCL DEMAND	14843	14497	14902	12695
TPCL GENERATION	678	683	1063	683
AEML GENERATION	373	373	499	373
MUMBAI DEMAND	2406	2463	2579	1918
STATE DEMAND MET	17249	16960	17481	14613
STATE DEMAND	17249	16960	17481	14613
Frequency (Hz)	50.04	50.01	50.04	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12.59 Hrs	49.83 Hz at 03.41 Hrs	50.01	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/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	0.00	0.00	0	0
Unit 9	11.58	59.78	560	445
Unit 10	11.48	62.12	550	450
Total	23.06	121.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.56	59.10	460	345
Unit 5	0.00	0.00	0	0
Total	9.56	59.10		
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	4.51	29.03	238	130
Unit 8	4.87	29.06	226	190
Total	9.38	58.09		
Chandrapur				
Unit 3	3.96	7.77	184	126
Unit 4	3.70	20.91	163	145
Unit 5	8.55	44.04	380	330
Unit 6	9.25	45.74	425	350
Unit 7	0.00	0.00	0	0
Unit 8	8.84	50.57	440	315
Unit 9	9.32	50.49	456	340
Total	43.61	219.52		
Paras				
Unit 3	4.49	14.22	210	166
Unit 4	0.00	0.00	0	0
Total	4.49	14.22		
Khaparkheda				
Unit 1	3.19	14.14	160	0
Unit 2	3.92	23.76	180	133
Unit 3	1.84	22.63	188	0
Unit 4	3.59	22.41	160	140
Unit 5	10.76	52.15	500	360
Total	23.30	135.10		
Nasik				
Unit 3	2.64	13.64	168	87
Unit 4	2.56	20.50	166	0
Unit 5	3.26	21.43	165	92
Total	8.46	55.56		
Uran				
All Units	9.45	57.47	423	369
Total	9.45	57.47		
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)	0.36	6.67	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.36	6.67		
Koyna				
Stage 1-2	1.98	18.08	220	40
Stage 4	0.13	8.21	131	0
Stage 3	1.01	6.47	80	0
Total	3.12	32.76		
Hydro				
KDPH	0.31	1.25	37	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.	0.26	1.51	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	0.48	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	1.27	13	12
GHATGHAR	0.00	0.63	0	0
Total	1.20	5.15		
Wind				
Total	3.04	38.78	0	0
Total	3.04	38.78		
CPP				
APML(Mus)	22.20	137.85	0	0
JSWEL(Mus)	16.66	100.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	20.71	131.46	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.50	50.91	0	0
Total	68.07	420.33		
SOLAR				
Total	5.01	34.73	0	0
Total	5.01	34.73		
Tata				
Trombay 5	8.55	50.25	455	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	13.68	116	58
Trombay 7B	1.46	8.14	67	47
Trombay 8	4.87	29.15	213	194
TATA Hydro	1.67	19.93	274	0
Total	18.94	121.15		
AEML				
DTPS U-1&2	10.06	60.66	500	372
Total	10.06	60.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.87	663.50	MSPGCL Total	135.65	758.88
			MSPGCL Thml+Gas	131.32	720.97	Koyna 1,2 & 4 Total	2.11	26.29
			MSPGCL Hydro	4.32	37.91	State Total	240.76	1434.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4931	454	406	5791	236	2739	0	0	5567	5571	-1227	13110	0	13110	2285	15395	50.02
2	5053	213	405	5671	137	2886	0	0	5554	5351	-1073	12972	0	12972	2134	15106	49.97
3	4828	363	416	5607	86	2734	0	0	5249	5384	-953	12858	0	12858	2012	14870	49.98
4	5190	150	416	5756	51	2811	0	0	5315	4939	-862	12695	0	12695	1918	14613	49.95
5	5284	103	406	5793	30	2932	0	0	5431	5253	-831	13177	0	13177	1893	15070	49.98
6	5303	103	406	5812	48	3015	0	0	6114	6174	-882	14167	0	14167	1940	16107	50.02
7	5365	100	408	5872	26	3003	0	13	6819	7106	-890	15130	0	15130	1950	17080	50.03
8	5215	182	406	5804	62	2800	0	154	6719	7043	-921	14942	0	14942	1980	16922	49.98
9	5236	222	423	5882	91	3013	0	393	6512	6667	-1055	14990	0	14990	2114	17104	50.02
10	5039	304	400	5744	169	2802	0	568	6666	6774	-1207	14850	0	14850	2268	17118	50.04
11	4785	201	399	5385	219	2706	0	687	7096	7201	-1355	14843	0	14843	2406	17249	50.04
12	4702	192	393	5287	130	2663	0	748	7272	7201	-1413	14616	0	14616	2467	17083	50.01
13	4803	204	393	5400	141	2624	0	677	6987	7062	-1407	14497	0	14497	2463	16960	50.01
14	4799	157	391	5347	202	2616	0	699	6611	6499	-1329	14034	0	14034	2404	16438	50.04
15	4835	91	377	5303	207	2621	0	526	6829	6181	-1328	13510	0	13510	2397	15907	50.00
16	4773	66	391	5230	140	2623	0	333	6919	6749	-1011	14064	0	14064	2404	16468	50.07
17	4772	72	370	5214	89	2564	0	171	6473	6661	-954	13745	0	13745	2372	16117	50.03
18	4913	72	372	5357	74	2659	0	38	6210	6732	-891	13969	0	13969	2347	16316	50.01
19	5425	284	391	6100	71	3218	0	2	6172	6402	-1017	14776	0	14776	2470	17246	50.03
20	5465	332	373	6170	92	3506	0	0	6127	6151	-1017	14902	0	14902	2579	17481	50.04
21	5497	150	373	6020	295	3227	0	0	5957	5826	-1060	14308	0	14308	2583	16891	50.00
22	5344	72	384	5800	330	2867	0	0	5733	5903	-1025	13875	0	13875	2539	16414	49.99
23	5146	162	384	5692	86	2730	0	0	5953	6227	-1092	13643	0	13643	2506	16149	49.98
24	5169	72	369	5610	32	2709	0	0	5967	6362	-1148	13565	0	13565	2512	16077	50.02
MUs	121.87	4.32	9.45	135.65	3.04	68.07	0.00	5.01	150.25	151.42	-25.95	337.24	0.00	337.24	54.94	392.18	50.01

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/2019

Position as on 6.30 Hrs of 07/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		Continued.	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 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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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	Khaparkhedha Unit 1	210	05/10/2019	09.18	06/10/2019	02.40	Air heater problem	
MSPGCL	Nasik Unit 4	210	06/10/2019	07.35	06/10/2019	11.58	Flame Failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Oct/2019

Position as on 6.30 Hrs of 07/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	06/10/2019	10.23		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 07/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		Continued.	PO	Tower Height Rise work
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/09/2019	17.56		Continued.	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
Dabhol Nagothane I	InterState	06/10/2019	13.35	06/10/2019	18.44	EO	Earth Wire Replacement
Chandrapur - Khaperkheda	IntraState	26/09/2019	01.05	06/10/2019	09.21	T	O/V (Trial Taken At 08.10 But Trip Again O/V.)
Khadka-Aurangabad (Waluj)	IntraState	04/10/2019	17.13	06/10/2019	09.16	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/10/2019	20.52		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	06/10/2019	06.13	06/10/2019	17.42	PO	Damage conductor work
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		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	07/10/2019	02.00		Continued.	T	Distance Protection
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
Tillari Amona	InterState	06/10/2019	20.57	06/10/2019	22.43	T	Distance Protection
Mahalakshmi Amona	InterState	06/10/2019	20.57	06/10/2019	22.16	T	Distance Protection
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.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	05/10/2019	08.20	06/10/2019	00.39	PO	CT Replacement
Boisar Versova Line	IntraState	06/10/2019	06.27	06/10/2019	19.19	PO	Insulator Replacement Work
Versova Gorai Line	IntraState	06/10/2019	07.36	06/10/2019	11.27	T	Distance Protection
Kalwa1- Airoli Knowledge Park	IntraState	06/10/2019	09.55	06/10/2019	17.13	PO	Jumper Tightening and Fixing of Nut Bolts
Halkarni-Mahalaxmi line	IntraState	06/10/2019	20.57	06/10/2019	22.11	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	06/10/2019	09.50	06/10/2019	15.03	HT	Air Removal from Buchholz

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