

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	63.893	2914.767	1) Gujrat	-0.832	268.371
2) Hydro	5.698	195.568	2) Madhya Pradesh	1.968	208.246
3) Gas	10.781	258.120	3) Chattisgarh	6.300	110.900
Total MSPGCL	80.372	3368.455	4) Maharashtra	103.032	3403.993
B) 1) APLM	62.757	1136.499	5) Goa (Amona)	0.000	-12.716
2) JSWEL	18.965	537.964	Total	110.468	3978.794
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.483	834.095
4) RPL(AMT)	0.000	521.793	b) Mumbai Drawl	26.669	924.081
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.641	593.875
6) Other IPP	7.516	231.965	Include PX	-0.675	82.273
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.483	834.095
C) 1) TPCL Thermal	11.802	350.212	Include PX	2.339	277.120
2) TPCL Hydro	2.172	102.660	Standby	0.000	0.000
3) TPCL Gas	3.959	102.517	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.640	169.191	1) MSEDCL	267.804	9241.560
D) STATE			2) Mumbai Discoms	49.242	1648.658
1) Thermal	169.573	5862.391	TOTAL STATE	317.046	10890.218
(A1+C1+C4+(B1-B6))					
2) Hydro	7.870	298.228			
(A2+C2)					
3) Gas	14.740	360.637			
(A3+B7+C3)					
4) Wind	9.975	252.607			
6) SOLAR	4.420	137.564			
TOTAL STATE	206.578	6911.427			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	2749	2562	2589	2640
MSPGCL Hydro	258	138	342	105
MSPGCL Gas	392	532	519	506
MSPGCL Total Generation	3398	3232	3450	3251
Central Sector Receipt	4804	4696	5739	4354
WIND	548	162	173	250
CPP / IPP Thermal	4289	3600	3880	3554
CPP / IPP Gas	0	0	0	0
SOLAR	317	39	0	0
Exchange with Mumbai	-1119	-1040	-1300	-1213
MSEDCL DEMAND MET	12238	10688	11942	10196
Load Shedding	0	0	0	0
MSEDCL DEMAND	12238	10688	11942	10196
TPCL GENERATION	683	849	859	795
AEML GENERATION	192	190	190	190
MUMBAI DEMAND	1994	2079	2349	2198
STATE DEMAND MET	14232	12768	14290	12394
STATE DEMAND	14232	12768	14290	12394
Frequency (Hz)	50.07	49.97	50.05	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 14:02 Hrs	49.8 Hz at 17:57 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 27/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	69.41	0	0
Unit 9	10.08	245.08	460	280
Unit 10	8.53	268.28	440	298
Total	18.61	582.77		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.63	226.45	380	350
Unit 5	8.66	151.42	400	345
Total	17.30	377.87		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	41.35	0	0
Unit 7	0.00	109.68	0	0
Unit 8	0.00	71.04	0	0
Total	0.00	222.07		
Chandrapur				
Unit 3	0.00	78.77	0	0
Unit 4	3.66	98.31	160	140
Unit 5	0.00	196.93	0	0
Unit 6	0.00	211.31	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.95	237.70	330	187
Unit 9	5.66	231.39	355	151
Total	15.26	1054.40		
Paras				
Unit 3	0.00	88.52	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	88.52		
Khaparkheda				
Unit 1	0.00	30.23	0	0
Unit 2	0.00	35.13	0	0
Unit 3	0.00	44.89	0	0
Unit 4	0.00	63.23	0	0
Unit 5	9.02	259.76	500	360
Total	9.02	433.24		
Nasik				
Unit 3	0.00	24.52	0	0
Unit 4	0.00	31.55	0	0
Unit 5	3.70	99.82	164	147
Total	3.70	155.90		
Uran				
All Units	10.78	258.12	532	392
Total	10.78	258.12		
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)	0.18	17.41	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	17.41		
Koyna				
Stage 1-2	2.70	80.24	360	40
Stage 4	0.22	44.44	218	0
Stage 3	0.71	30.82	80	0
Total	3.62	155.50		
Hydro				
KDPH	0.37	10.04	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	6.32	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	7.78	80	0
RNGR+BHTSA	0.35	0.74	15	14
BHANDARDRA	0.00	1.93	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	8.65	29	28
GHATGHAR	0.50	4.61	125	0
Total	2.08	40.07		
Wind				
Total	9.98	252.61	0	0
Total	9.98	252.61		
CPP				
APML(Mus)	62.76	1136.50	0	0
JSWEL(Mus)	18.96	537.96	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	521.79	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.52	231.96	0	0
Total	89.24	2428.22		
SOLAR				
Total	4.42	137.56	0	0
Total	4.42	137.56		
Tata				
Trombay 5	7.20	221.25	382	178
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	63.90	117	61
Trombay 7B	1.50	38.62	67	40
Trombay 8	4.60	128.97	199	182
TATA Hydro	2.17	102.66	256	0
Total	17.93	555.39		
AEML				
DTPS U-1&2	4.64	169.19	236	190
Total	4.64	169.19		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	63.89	2914.77	MSPGCL Total	80.37	3368.46
			MSPGCL Thml+Gas	74.67	3172.89	Koyna 1,2 & 4 Total	2.91	124.67
			MSPGCL Hydro	5.70	195.57	State Total	206.58	6911.43

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 27/Oct/2019

Annexure-2

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	2689	306	401	3396	691	3806	0	0	4039	4165	-1161	10898	0	10898	2024	12922	49.97
2	2661	216	402	3280	616	3773	0	0	4016	4093	-1042	10720	0	10720	1868	12588	49.95
3	2676	112	393	3180	600	3685	0	0	4260	4252	-974	10744	0	10744	1763	12506	49.98
4	2767	112	403	3282	602	3564	0	0	4247	4258	-925	10780	0	10780	1686	12466	49.99
5	2807	116	402	3326	568	3640	0	0	4324	4708	-919	11322	0	11322	1582	12904	50.00
6	2728	590	394	3712	489	3891	0	0	4996	5314	-1005	12400	0	12400	1764	14164	49.97
7	2837	436	403	3676	565	4322	0	14	5291	5306	-1028	12856	0	12856	1838	14694	50.00
8	2882	248	402	3532	487	4394	0	123	5387	5280	-952	12864	0	12864	1904	14768	50.02
9	2749	258	392	3398	548	4289	0	317	4941	4804	-1119	12238	0	12238	1994	14232	50.07
10	2643	186	406	3234	434	3888	0	549	4619	4568	-1146	11528	0	11528	2084	13612	50.03
11	2575	298	405	3278	458	3423	0	604	4294	4558	-1176	11144	0	11144	2158	13302	50.08
12	2611	186	392	3188	514	3377	0	601	4389	4347	-1193	10834	0	10834	2194	13028	50.02
13	2650	128	412	3190	480	3359	0	574	4105	4122	-1165	10560	0	10560	2154	12714	49.99
14	2629	138	437	3204	431	3381	0	548	4164	3998	-1134	10428	0	10428	2122	12550	50.04
15	2598	102	507	3208	418	3362	0	525	4273	3963	-1125	10350	0	10350	2077	12428	50.04
16	2540	218	519	3276	279	3379	0	338	3928	4041	-1057	10256	0	10256	2039	12296	49.93
17	2542	118	527	3186	204	3404	0	188	4327	4165	-1023	10124	0	10124	2026	12150	50.00
18	2562	138	532	3232	162	3600	0	39	4720	4696	-1040	10688	0	10688	2079	12768	49.97
19	2589	342	519	3450	173	3880	0	0	5412	5739	-1300	11942	0	11942	2349	14290	50.05
20	2602	308	516	3426	222	3918	0	0	5438	5535	-1315	11786	0	11786	2424	14210	50.03
21	2647	463	507	3617	279	3799	0	0	4804	5004	-1259	11440	0	11440	2367	13807	50.01
22	2617	411	495	3523	275	3806	0	0	4659	4638	-1179	11063	0	11063	2300	13363	49.98
23	2652	168	509	3329	230	3744	0	0	4595	4560	-1219	10644	0	10644	2248	12892	50.02
24	2640	105	506	3251	250	3554	0	0	4295	4354	-1213	10196	0	10196	2198	12394	50.03
MUs	63.89	5.70	10.78	80.37	9.97	89.24	0.00	4.42	109.52	110.47	-26.67	267.80	0.00	267.80	49.24	317.05	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 27/Oct/2019

Position as on 6.30 Hrs of 28/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	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn on shaft seal water leakage. Converted to AOH from 1 Nov 2019.	
FORCED OUTAGE								
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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 By MSEDCL.	
AEML	AEML Unit 2	250	07/10/2019	21.18		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Nasik Unit 4	210	09/10/2019	23.59		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36		Continued.	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Khaparkheda Unit 4	210	22/10/2019	23.52		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 6	250	23/10/2019	03.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	24/10/2019	05.27		Continued.	Rotary Air Preheater Trip.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Oct/2019

Position as on 6.30 Hrs of 28/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	25/10/2019	01.03		Continued.	Bus-1 LBB Operation (Converted into zero schedule 26.10.2019 at 00.23Hrs).	
MSPGCL	Chandrapur Unit 3	210	25/10/2019	01.03		Continued.	Bus-1 LBB Operation (Converted into zero schedule 26.10.2019 at 00.23Hrs).	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	25/10/2019	05.30	27/10/2019	09.33	Gas Skid Failure	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	26/10/2019	00.30		Continued.	Zero Schedule	
IPP	RPL(AMT) U-4	270	26/10/2019	08.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 6	500	26/10/2019	21.52		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2019

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	19/10/2019	23.13		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	21/10/2019	22.06		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	27/10/2019	14.03		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	25/10/2019	03.15		Continued.	T	Over Voltage
Chandrapur - Parli	IntraState	26/10/2019	05.58		Continued.	T	Distance Protection (RFC from 26.10.2019 23:14Hrs).
Khadka-Aurangabad (Waluj)	IntraState	26/10/2019	14.55		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/10/2019	22.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/10/2019	23.01		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	27/10/2019	14.05		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	28/10/2019	01.45		Continued.	T	Over Voltage
Koradi-Khaperkheda li	IntraState	28/10/2019	02.47	28/10/2019	07.50	T	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.
400/220KV 500MVA ICT-I @Nanded	IntraState	27/10/2019	15.28	27/10/2019	17.33	HT	Smoke observed from R phase of earth pit
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
EKLAHARE (OCR) Nasik - Navsari I	InterState	27/10/2019	17.53		Continued.	HT	Over Voltage
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Lonand-Baramati	IntraState	17/09/2019	11.13		Continued.	HT	To Control Overloading of Lonand-Jejuri Line.
Trombay Dharavi 9	IntraState	23/10/2019	08.50		Continued.	PO	Erection Of Tower LoC.I No.23
Trombay - Kalwa	IntraState	25/10/2019	20.18	27/10/2019	08.30	PO	Piling work at Loc.No.22A
Satana-Gangapur	IntraState	26/10/2019	06.55	27/10/2019	15.47	T	Distance Protection
Butibori-Abhijeet	IntraState	28/10/2019	03.22	28/10/2019	03.39	T	Distance Protection
Pophali - Pedambe II	IntraState	28/10/2019	09.35	28/10/2019	10.50	HT	SF6 Gas Refilling.
Trombay - Kalwa	IntraState	28/10/2019	11.40		Continued.	PO	Tower Piling Work.
Abhijeet-Wardha-I	IntraState	28/10/2019	12.35		Continued.	T	Distance Protection
Bhugaon- Wardha	IntraState	28/10/2019	12.35	28/10/2019	12.56	T	Due To Tripping of Bus Section 1.
Warora - Wardha	IntraState	28/10/2019	12.35	28/10/2019	12.58	T	Due To Tripping of Bus Section 1.
Wardha - Wardha Rly Tss 2	IntraState	28/10/2019	12.35	28/10/2019	13.06	T	Due To Tripping of Bus Section 1.
Wardha - Wardharytss1	IntraState	28/10/2019	12.35	28/10/2019	13.28	T	Due To Tripping of Bus Section 1.
Abhijeet-Wardha-li	IntraState	28/10/2019	12.35	28/10/2019	13.25	T	Due To Tripping of Bus Section 1.

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