

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Oct/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	75.188	3202.294	1) Gujrat	1.501	271.737
2) Hydro	4.865	216.997	2) Madhya Pradesh	2.866	224.706
3) Gas	12.530	307.802	3) Chattisgarh	6.520	138.400
Total MSPGCL	92.583	3727.093	4) Maharashtra	110.595	3812.597
B) 1) APLM	66.069	1383.079	5) Goa (Amona)	-0.484	-14.806
2) JSWEL	20.434	616.772	Total	120.998	4432.634
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.441	943.743
4) RPL(AMT)	0.000	521.793	b) Mumbai Drawl	35.380	1053.113
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.200	657.759
6) Other IPP	7.453	262.104	Include PX	-5.311	75.376
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.441	943.743
C) 1) TPCL Thermal	12.367	398.551	Include PX	6.390	295.629
2) TPCL Hydro	4.967	117.589	Standby	0.000	0.000
3) TPCL Gas	4.316	119.858	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.648	187.617	1) MSEDCL	301.453	10361.145
D) STATE			2) Mumbai Discoms	61.678	1876.724
1) Thermal	186.159	6572.210	TOTAL STATE	363.131	12237.869
(A1+C1+C4+(B1-B6))					
2) Hydro	9.832	334.586			
(A2+C2)					
3) Gas	16.846	427.660			
(A3+B7+C3)					
4) Wind	24.413	311.864			
6) SOLAR	4.883	158.919			
TOTAL STATE	242.133	7805.239			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3210	3233	3287	3108
MSPGCL Hydro	213	383	473	68
MSPGCL Gas	511	522	517	542
MSPGCL Total Generation	3934	4138	4277	3718
Central Sector Receipt	5800	5710	5473	3871
WIND	1089	673	1197	738
CPP / IPP Thermal	3836	4138	4593	3811
CPP / IPP Gas	0	0	0	0
SOLAR	582	27	0	0
Exchange with Mumbai	-1696	-1564	-1370	-1162
MSEDCL DEMAND MET	13545	13122	14170	10976
Load Shedding	0	0	0	0
MSEDCL DEMAND	13545	13122	14170	10976
TPCL GENERATION	889	1111	1235	692
AEML GENERATION	190	191	244	190
MUMBAI DEMAND	2775	2866	2849	2044
STATE DEMAND MET	16320	15988	17019	13020
STATE DEMAND	16320	15988	17019	13020
Frequency (Hz)	49.99	49.97	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.02 Hrs	49.78 Hz at 17.42 Hrs	49.99	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 31/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	7.82	83.52	460	0
Unit 9	10.66	288.76	490	360
Unit 10	8.66	307.87	410	340
Total	27.13	680.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.94	261.12	485	355
Unit 5	8.84	186.01	480	350
Total	17.77	447.13		
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	1.27	110.95	155	34
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	8.12	266.78	380	285
Unit 9	8.26	260.33	450	290
Total	17.65	1125.08		
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	8.90	295.33	440	358
Total	8.90	468.81		
Nasik				
Unit 3	0.00	24.52	0	0
Unit 4	0.00	31.55	0	0
Unit 5	3.74	114.46	172	143
Total	3.74	170.53		
Uran				
All Units	12.53	307.80	542	509
Total	12.53	307.80		
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)	0.49	19.25	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.49	19.25		
Koyna				
Stage 1-2	2.42	90.02	445	40
Stage 4	0.25	45.73	146	0
Stage 3	0.25	33.16	80	0
Total	2.93	168.92		
Hydro				
KDPH	0.00	10.04	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.60	7.81	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	8.85	80	0
RNGR+BHTSA	0.33	1.96	14	13
BHANDARDRA	0.00	1.93	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	11.13	15	13
GHATGHAR	0.33	6.35	125	0
Total	1.93	48.08		
Wind				
Total	24.41	311.86	0	0
Total	24.41	311.86		
CPP				
APML(Mus)	66.07	1383.08	0	0
JSWEL(Mus)	20.43	616.77	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)	7.45	262.10	0	0
Total	93.96	2783.75		
SOLAR				
Total	4.88	158.92	0	0
Total	4.88	158.92		
Tata				
Trombay 5	7.63	250.86	416	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	74.91	116	112
Trombay 7B	1.57	44.95	66	65
Trombay 8	4.74	147.69	199	195
TATA Hydro	4.97	117.59	453	0
Total	21.65	636.00		
AEML				
DTPS U-1&2	4.65	187.62	244	189
Total	4.65	187.62		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	75.19	3202.29	MSPGCL Total	92.58	3727.09
			MSPGCL Thml+Gas	87.72	3510.10	Koyna 1,2 & 4 Total	2.68	135.76
			MSPGCL Hydro	4.86	217.00	State Total	242.13	7805.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	3018	108	533	3659	871	3808	0	0	4669	4330	-1388	11280	0	11280	2361	13641	49.99
2	3113	68	523	3704	778	3829	0	0	4194	4017	-1272	11056	0	11056	2179	13235	49.98
3	3108	68	542	3718	738	3811	0	0	3795	3871	-1162	10976	0	10976	2044	13020	49.98
4	3167	78	524	3769	821	3790	0	0	3895	3874	-1070	11184	0	11184	1949	13133	50.00
5	3159	73	532	3764	898	3777	0	0	4152	4012	-1026	11425	0	11425	1907	13332	49.99
6	3162	158	525	3845	916	3919	0	0	4716	4596	-1048	12228	0	12228	1969	14197	49.96
7	3208	78	532	3818	1011	3980	0	10	5231	5188	-1031	12976	0	12976	2019	14995	49.97
8	3241	173	534	3948	996	3871	0	124	5298	5627	-1102	13464	0	13464	2161	15625	49.96
9	3138	353	515	4006	965	3845	0	360	5411	5691	-1369	13498	0	13498	2447	15945	49.99
10	3210	213	511	3934	1089	3836	0	582	5871	5800	-1696	13545	0	13545	2775	16320	49.99
11	3219	208	509	3936	1033	3834	0	721	5691	5529	-1831	13222	0	13222	2986	16208	50.00
12	3224	219	524	3967	1060	3666	0	740	5410	5537	-1912	13058	0	13058	3038	16096	49.98
13	3215	204	514	3933	1161	3575	0	719	5190	4975	-1885	12478	0	12478	2989	15467	50.03
14	3201	129	512	3842	1072	3656	0	559	4728	4864	-1796	12197	0	12197	2897	15094	50.05
15	3210	128	513	3851	1116	3763	0	480	4889	5016	-1838	12388	0	12388	2942	15330	50.00
16	3213	153	522	3888	881	3781	0	359	5210	5228	-1821	12316	0	12316	2968	15284	49.95
17	3148	204	513	3865	656	3844	0	202	5391	5450	-1616	12401	0	12401	2914	15315	49.98
18	3233	383	522	4138	673	4138	0	27	5661	5710	-1564	13122	0	13122	2866	15988	49.97
19	3229	870	514	4613	915	4454	0	0	5549	5561	-1543	14000	0	14000	2915	16915	50.01
20	3287	473	517	4277	1197	4593	0	0	5543	5473	-1370	14170	0	14170	2849	17019	50.02
21	2972	76	537	3585	1356	4430	0	0	5472	5386	-1471	13286	0	13286	2749	16035	49.94
22	2808	121	517	3446	1404	4142	0	0	5034	5290	-1485	12797	0	12797	2651	15448	49.96
23	2832	256	517	3605	1370	3826	0	0	4873	5080	-1495	12386	0	12386	2576	14962	49.99
24	2873	71	528	3472	1436	3788	0	0	4796	4893	-1589	12000	0	12000	2527	14527	49.99
MUs	75.19	4.86	12.53	92.58	24.41	93.96	0.00	4.88	120.67	121.00	-35.38	301.45	0.00	301.45	61.68	363.13	49.99

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 31/Oct/2019

Position as on 6.30 Hrs of 01/Nov/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.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
FORCED OUTAGE								
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	01/11/2019	10.15	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	Khaparkhedha Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha 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	Khaparkhedha 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Oct/2019

Position as on 6.30 Hrs of 01/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	23/10/2019	17.00		Continued.	Zero Schedule.	
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.	
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	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Koradi Unit-8	660	31/10/2019	18.33	31/10/2019	21.17	Air heater trip.	
MSPGCL	Koyna Unit 3	70	01/11/2019	07.55		Continued.	Injector No 1 Replacement	
MSPGCL	Koyna Unit 4	70	01/11/2019	08.05		Continued.	Injector No 1 Replacement	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 01/Nov/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	31/10/2019	18.43	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	31/10/2019	07.44	31/10/2019	13.54	EO	To attend Hot Spot
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
Akola II - RPL(Rattaniindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/10/2019	22.11	31/10/2019	09.45	HT	Over Voltage
Main Bus I @ Akola	IntraState	31/10/2019	11.11	31/10/2019	20.43	PO	Replacement of faulty bus bar bay protn at Akola.
Lonikand I - Koyna stage-IV	IntraState	31/10/2019	22.19	01/11/2019	09.02	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.
400/220 KV 500MVA ICT II @ Nanded	IntraState	31/10/2019	10.40	31/10/2019	13.00	PO	Neutral earthing.
500MVA ICT III @ Dhule	IntraState	01/11/2019	09.20	01/11/2019	13.25	PO	Routine Maintenance Work & Testing Work.
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	01/11/2019	09.54	HT	Over Voltage
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay Dharavi 9	IntraState	23/10/2019	08.50	01/11/2019	14.42	PO	Erection Of Tower LoC.I No.23
Trombay - Kalwa	IntraState	30/10/2019	20.02	31/10/2019	10.56	PO	Tower Pilling Work.
WALCHANDNAGAR - PHALTAN MIDC	IntraState	31/10/2019	02.19	31/10/2019	14.42	T	Distance Protection
Boisar Versova Line	IntraState	31/10/2019	07.03	31/10/2019	10.54	EO	To attend hotspot.
ALEPHATA UTECH SUGAR	IntraState	31/10/2019	08.40	31/10/2019	15.00	PO	Removing existing bunching.
Kathapur-Ranjangaon	IntraState	31/10/2019	09.35	31/10/2019	20.15	PO	Removing of existing bunching arrangement.
Walchandnagar-Bhigwan	IntraState	31/10/2019	09.52	31/10/2019	14.44	PO	safety purpose.
BHUGAON WARORA CKT-I	IntraState	31/10/2019	10.13	31/10/2019	16.47	PO	Tan Delta Measurment of CTs
Jamde-Dondaicha 2	IntraState	31/10/2019	11.06	31/10/2019	14.48	PO	Tan Delta Measurment of CTs
Chinchwad2 - TELCO	IntraState	31/10/2019	12.22	31/10/2019	14.35	PO	Earth wire stringing and annual relay testing.
Khadka-Chalisgaon-1	IntraState	31/10/2019	12.30	31/10/2019	15.04	EO	DC leakage fault finding by testing engr. and regular maintenance work.
Ranjangaon-Lonikand	IntraState	31/10/2019	15.29		Continued.	PO	Tower jumps opened.
Ranjangaon-Fiat 2	IntraState	01/11/2019	08.50	01/11/2019	20.30	PO	Yard Annual Maintenance,NOC Received From Consumer.
Ranjangaon-Fiat 1	IntraState	01/11/2019	08.50	01/11/2019	20.30	PO	Yard Annual Maintenance,NOC Received From Consumer.

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 31/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 01/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Jambhul 1	IntraState	01/11/2019	08.52	01/11/2019	18.37	PO	Aux Bus Isolator.
Pophali - Pedambe II	IntraState	01/11/2019	09.40	01/11/2019	10.25	EO	B-PH CB POLE gas Top Up.
Nagothane-Wadkhal II	IntraState	01/11/2019	09.54		Continued.	PO	Routine Maintenance Work
Khadka-Chalisgaon-2	IntraState	01/11/2019	10.29	01/11/2019	14.08	EO	To attend Hot Spot
Pophli Pedhmbe Line- 1	IntraState	01/11/2019	10.30	01/11/2019	11.45	EO	R & B-PH CB POLE gas Top Up.
Colourchem - Temghar	IntraState	01/11/2019	11.54	01/11/2019	17.36	PO	For Fascilating Outage On Temghar Bus section 1&3.
Padgha - Temghar I	IntraState	01/11/2019	12.04	01/11/2019	17.35	PO	For Fascilating Outage On Temghar Bus section 1&3.
Trombay - Kalwa	IntraState	01/11/2019	20.08		Continued.	PO	Pilling Work.