

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	64.924	2979.691	1) Gujrat	-0.751	267.620
2) Hydro	4.069	199.637	2) Madhya Pradesh	5.392	213.638
3) Gas	12.355	270.475	3) Chattisgarh	6.870	117.770
Total MSPGCL	81.348	3449.803	4) Maharashtra	95.610	3499.603
B) 1) APLM	58.998	1195.497	5) Goa (Amona)	-0.198	-12.914
2) JSWEL	18.803	556.767	Total	106.923	4085.717
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.332	856.427
4) RPL(AMT)	0.000	521.793	b) Mumbai Drawl	27.121	951.202
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.781	611.656
6) Other IPP	7.263	239.228	Include PX	0.586	82.859
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.332	856.427
C) 1) TPCL Thermal	11.937	362.149	Include PX	2.441	279.561
2) TPCL Hydro	2.326	104.986	Standby	0.000	0.000
3) TPCL Gas	4.372	106.889	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.574	173.765	1) MSEDCL	258.290	9499.850
D) STATE			2) Mumbai Discoms	50.330	1698.988
1) Thermal	166.499	6028.890	TOTAL STATE	308.620	11198.838
(A1+C1+C4+(B1-B6))					
2) Hydro	6.395	304.623			
(A2+C2)					
3) Gas	16.727	377.364			
(A3+B7+C3)					
4) Wind	7.112	259.719			
6) SOLAR	4.964	142.528			
TOTAL STATE	201.697	7113.124			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	2677	2741	2749	2585
MSPGCL Hydro	84	83	367	84
MSPGCL Gas	536	526	512	496
MSPGCL Total Generation	3297	3350	3628	3165
Central Sector Receipt	5139	4607	5494	3678
WIND	335	223	182	292
CPP / IPP Thermal	3775	3498	4077	3343
CPP / IPP Gas	0	0	0	0
SOLAR	321	31	0	0
Exchange with Mumbai	-1131	-1055	-1222	-972
MSEDCL DEMAND MET	11736	10654	12159	9506
Load Shedding	0	0	0	0
MSEDCL DEMAND	11736	10654	12159	9506
TPCL GENERATION	697	845	930	674
AEML GENERATION	191	191	191	190
MUMBAI DEMAND	2019	2091	2343	1836
STATE DEMAND MET	13755	12745	14502	11342
STATE DEMAND	13755	12745	14502	11342
Frequency (Hz)	50.01	49.97	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.02 Hrs	49.83 Hz at 03.16 Hrs	50	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 28/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	10.87	255.95	465	360
Unit 10	10.29	278.57	473	371
Total	21.16	603.93		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.56	235.02	365	345
Unit 5	8.54	159.97	365	340
Total	17.11	394.98		
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	3.82	102.12	162	154
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	5.24	242.94	225	210
Unit 9	5.17	236.55	235	190
Total	14.22	1068.63		
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	8.72	268.48	375	360
Total	8.72	441.96		
Nasik				
Unit 3	0.00	24.52	0	0
Unit 4	0.00	31.55	0	0
Unit 5	3.70	103.53	163	142
Total	3.70	159.60		
Uran				
All Units	12.36	270.48	536	492
Total	12.36	270.48		
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)	0.27	17.67	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.27	17.67		
Koyna				
Stage 1-2	2.15	82.38	350	40
Stage 4	0.00	44.44	0	0
Stage 3	0.30	31.12	80	0
Total	2.45	157.94		
Hydro				
KDPH	0.00	10.04	0	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.	0.21	7.99	80	0
RNGR+BHTSA	0.28	1.02	14	0
BHANDARDRA	0.00	1.93	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.73	9.38	31	30
GHATGHAR	0.41	5.02	125	0
Total	1.62	41.70		
Wind				
Total	7.11	259.72	0	0
Total	7.11	259.72		
CPP				
APML(Mus)	59.00	1195.50	0	0
JSWEL(Mus)	18.80	556.77	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)	7.26	239.23	0	0
Total	85.06	2513.28		
SOLAR				
Total	4.96	142.53	0	0
Total	4.96	142.53		
Tata				
Trombay 5	7.30	228.55	306	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	66.68	117	112
Trombay 7B	1.59	40.21	67	64
Trombay 8	4.63	133.60	201	185
TATA Hydro	2.33	104.99	261	0
Total	18.64	574.02		
AEML				
DTPS U-1&2	4.57	173.76	191	189
Total	4.57	173.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	64.92	2979.69	MSPGCL Total	81.35	3449.80
			MSPGCL Thml+Gas	77.28	3250.17	Koyna 1,2 & 4 Total	2.15	126.82
			MSPGCL Hydro	4.07	199.64	State Total	201.70	7113.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	2640	90	517	3247	271	3408	0	0	4252	4179	-1225	9880	0	9880	2086	11966	50.06
2	2624	84	506	3214	291	3339	0	0	3813	3833	-1079	9598	0	9598	1941	11539	50.01
3	2585	84	496	3165	292	3343	0	0	3679	3678	-972	9506	0	9506	1836	11342	50.00
4	2614	105	507	3226	282	3320	0	0	3676	3715	-897	9646	0	9646	1758	11404	49.94
5	2693	104	516	3313	327	3349	0	0	3883	3993	-879	10103	0	10103	1740	11843	49.97
6	2688	394	507	3589	338	3495	0	0	4387	4503	-958	10967	0	10967	1817	12784	50.01
7	2664	144	514	3322	375	3693	0	6	5372	5258	-1006	11648	0	11648	1854	13502	50.01
8	2666	90	526	3282	370	3700	0	139	5505	5548	-1044	11995	0	11995	1907	13902	50.00
9	2677	84	536	3297	335	3775	0	321	5208	5139	-1131	11736	0	11736	2019	13755	50.01
10	2721	87	516	3324	416	3614	0	564	5002	4660	-1214	11364	0	11364	2137	13501	50.01
11	2751	165	529	3445	405	3384	0	658	4405	4494	-1277	11109	0	11109	2264	13373	49.98
12	2764	118	516	3398	358	3373	0	728	4123	4114	-1316	10655	0	10655	2302	12957	50.04
13	2746	90	528	3364	357	3375	0	609	3849	3859	-1257	10307	0	10307	2255	12562	50.01
14	2749	89	516	3354	419	3361	0	701	3583	3608	-1198	10245	0	10245	2196	12441	50.01
15	2724	70	527	3321	293	3368	0	513	3666	3805	-1144	10156	0	10156	2173	12329	49.99
16	2678	81	526	3285	277	3360	0	465	3830	3930	-1115	10202	0	10202	2156	12358	49.99
17	2700	75	516	3291	244	3364	0	229	4110	4185	-1055	10258	0	10258	2095	12353	49.98
18	2741	83	526	3350	223	3498	0	31	4472	4607	-1055	10654	0	10654	2091	12745	49.97
19	2762	441	513	3716	177	3812	0	0	5432	5654	-1213	12146	0	12146	2271	14417	49.98
20	2749	367	512	3628	182	4077	0	0	5545	5494	-1222	12159	0	12159	2343	14502	49.99
21	2731	494	499	3724	112	3864	0	0	5108	5055	-1191	11564	0	11564	2328	13892	49.97
22	2740	509	501	3750	157	3794	0	0	4874	4875	-1214	11362	0	11362	2300	13662	50.00
23	2754	132	513	3399	326	3796	0	0	4662	4501	-1229	10793	0	10793	2263	13056	50.00
24	2763	89	492	3344	285	3602	0	0	4268	4236	-1230	10237	0	10237	2198	12435	49.99
MUs	64.92	4.07	12.36	81.35	7.11	85.06	0.00	4.96	106.70	106.92	-27.12	258.29	0.00	258.29	50.33	308.62	50.00

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 28/Oct/2019

Position as on 6.30 Hrs of 29/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	29/10/2019	21.36	Rotary Air Preheater Trip.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Oct/2019

Position as on 6.30 Hrs of 29/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.	
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 28/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 29/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.
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
Tillari Amona	InterState	29/10/2019	13.00	29/10/2019	13.50	T	Tripped On Backup Protection, Back-Up Relay Operated On Earth Fault.
Mahalakshmi Amona	InterState	29/10/2019	13.00	29/10/2019	13.51	T	Tripped On Backup Protection, Back-Up Relay Operated On Earth Fault.
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	29/10/2019	11.04	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
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.
Wardha - Wardharytss1	IntraState	28/10/2019	12.35	28/10/2019	13.28	T	Due To Tripping of Bus Section 1.
Bhugaon- Wardha	IntraState	28/10/2019	12.35	28/10/2019	12.56	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.
Warora - Wardha	IntraState	28/10/2019	12.35	28/10/2019	12.58	T	Due To Tripping of Bus Section 1.
Abhijeet-Wardha-I	IntraState	28/10/2019	12.35	29/10/2019	18.33	T	Distance Protection
Abhijeet-Wardha-II	IntraState	28/10/2019	12.35	28/10/2019	13.25	T	Due To Tripping of Bus Section 1.
Jamde-Dondaicha 1	IntraState	29/10/2019	03.25	29/10/2019	03.48	T	Distance Protection
Jamde-Dondaicha 2	IntraState	29/10/2019	05.02	29/10/2019	05.17	T	Distance Protection
220kv Halkarni- Tillary	IntraState	29/10/2019	13.00	29/10/2019	13.30	T	Tripped On Backup Protection, Back-Up Relay Operated On Earth Fault.

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 28/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	29/10/2019	12.26		Continued.	T	REF, MTR OPTD.