

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.819	3587.516	1) Gujrat	1.067	44.177
2) Hydro	3.278	158.864	2) Madhya Pradesh	10.824	164.002
3) Gas	6.576	154.556	3) Chattisgarh	7.480	155.750
Total MSPGCL	151.673	3900.936	4) Maharashtra	110.664	3071.630
B) 1) APLM	62.591	1657.229	5) Goa (Amona)	-1.400	-37.304
2) JSWEL	24.806	633.396	Total	128.635	3398.255
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.619	553.013
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.475	608.014
5) WPCL	7.149	167.986	c) MSEDCL Bilateral *	30.083	842.410
6) Other IPP	8.294	229.480	Include PX	1.122	61.810
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.619	551.435
C) 1) TPCL Thermal	14.783	325.363	Include PX	6.464	203.372
2) TPCL Hydro	2.182	120.591	Standby	0.000	1.578
3) TPCL Gas	4.384	116.184	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.890	269.741	1) MSEDCL	369.268	9765.308
D) STATE			2) Mumbai Discoms	54.714	1439.890
1) Thermal	269.332	6870.711	TOTAL STATE	423.982	11205.198
(A1+C1+C4+(B1-B6))					
2) Hydro	5.460	279.455			
(A2+C2)					
3) Gas	10.960	270.740			
(A3+B7+C3)					
4) Wind	3.423	244.172			
6) SOLAR	6.172	141.868			
TOTAL STATE	295.347	7806.946			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5732	6180	6338	5236
MSPGCL Hydro	95	205	430	56
MSPGCL Gas	257	267	279	291
MSPGCL Total Generation	6084	6652	7047	5583
Central Sector Receipt	6233	5842	5531	4508
WIND	146	67	67	209
CPP / IPP Thermal	3947	4254	4973	3877
CPP / IPP Gas	0	0	0	0
SOLAR	871	476	0	0
Exchange with Mumbai	-1167	-1187	-856	-799
MSEDCL DEMAND MET	16114	16104	16762	13378
Load Shedding	0	0	0	0
MSEDCL DEMAND	16114	16104	16762	13378
TPCL GENERATION	1008	954	1193	815
AEML GENERATION	501	499	500	283
MUMBAI DEMAND	2676	2640	2549	1897
STATE DEMAND MET	18790	18744	19311	15275
STATE DEMAND	18790	18744	19311	15275
Frequency (Hz)	50.00	49.92	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22.02 Hrs	49.77 Hz at 15.45 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 27/Oct/2020

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	12.87	256.02	574	506
Unit 9	12.95	219.00	590	500
Unit 10	8.45	223.74	384	315
Total	34.27	698.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.86	261.61	500	280
Unit 5	9.78	260.64	495	280
Total	19.65	522.25		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.47	98.95	250	173
Unit 7	0.00	77.44	0	0
Unit 8	5.25	110.94	250	180
Total	9.72	287.34		
Chandrapur				
Unit 3	3.82	38.95	165	140
Unit 4	3.70	83.12	164	150
Unit 5	9.78	253.73	425	370
Unit 6	10.05	236.50	425	408
Unit 7	0.00	0.00	0	0
Unit 8	11.23	279.32	475	460
Unit 9	11.77	277.53	500	478
Total	50.35	1169.14		
Paras				
Unit 3	5.46	128.01	245	200
Unit 4	3.48	132.40	252	0
Total	8.94	260.41		
Khaparkheda				
Unit 1	3.57	91.12	160	135
Unit 2	3.88	104.74	180	125
Unit 3	4.10	98.84	185	135
Unit 4	4.10	105.90	185	135
Unit 5	0.00	207.42	0	0
Total	15.64	608.01		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	41.61	190	127
Unit 5	0.00	0.00	0	0
Total	3.24	41.61		
Uran				
All Units	6.58	154.56	292	256
Total	6.58	154.56		
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)	0.00	15.53	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	15.53		
Koyna				
Stage 1-2	1.62	64.09	285	40
Stage 4	0.23	25.02	228	0
Stage 3	0.58	22.26	80	0
Total	2.43	111.37		
Hydro				
KDPH	0.00	5.06	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	4.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	8.77	40	0
RNGR+BHTSA	0.36	4.96	15	14
BHANDARDRA	0.00	1.30	0	0
ELDARY	0.00	11.22	0	0
SMLHY_PTN	0.01	4.80	1	0
GHATGHAR	0.23	6.48	125	0
Total	0.85	47.49		
Wind				
Total	3.42	244.17	0	0
Total	3.42	244.17		
CPP				
APML(Mus)	62.59	1657.23	0	0
JSWEL(Mus)	24.81	633.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.15	167.99	0	0
Other(Mus)	8.29	229.48	0	0
Total	102.84	2688.09		
SOLAR				
Total	6.17	141.87	0	0
Total	6.17	141.87		
Tata				
Trombay 5	9.48	249.36	462	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	75.23	118	116
Trombay 7B	1.57	40.96	67	64
Trombay 8	5.31	76.00	239	140
TATA Hydro	2.18	120.59	341	3
Total	21.35	562.14		
AEML				
DTPS U-1&2	9.89	269.74	502	282
Total	9.89	269.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.82	3587.52	MSPGCL Total	151.67	3900.94
			MSPGCL Thml+Gas	148.40	3742.07	Koyna 1,2 & 4 Total	1.85	89.11
			MSPGCL Hydro	3.28	158.86	State Total	295.35	7806.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Oct/2020

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	5347	56	270	5673	254	3878	0	0	4876	4904	-973	13736	0	13736	2141	15877	50.00
2	5271	76	280	5627	230	3884	0	0	4803	4755	-864	13632	0	13632	2010	15642	50.00
3	5236	56	291	5583	209	3877	0	0	4704	4508	-799	13378	0	13378	1897	15275	49.98
4	5269	61	271	5601	193	3868	0	0	4647	4710	-837	13535	0	13535	1790	15325	50.01
5	5502	61	281	5844	207	3907	0	0	4771	4757	-840	13875	0	13875	1723	15598	50.02
6	5893	56	272	6221	232	4247	0	0	5069	5103	-871	14932	0	14932	1752	16684	49.99
7	5928	61	292	6281	249	4680	0	11	5548	5534	-869	15886	0	15886	1762	17648	49.98
8	6056	61	282	6399	225	5047	0	187	5670	5313	-722	16449	0	16449	1889	18338	50.00
9	5948	56	281	6285	193	5083	0	485	5778	5557	-1000	16603	0	16603	2093	18696	49.97
10	5908	101	280	6289	172	4513	0	669	6135	5797	-1172	16268	0	16268	2356	18624	50.00
11	5618	95	269	5982	175	3975	0	848	6302	6275	-1154	16101	0	16101	2575	18676	50.01
12	5732	95	257	6084	146	3947	0	871	6210	6233	-1167	16114	0	16114	2676	18790	50.00
13	5773	95	276	6144	157	3953	0	875	6034	6009	-1229	15909	0	15909	2650	18559	49.99
14	5635	95	256	5986	134	3978	0	815	6030	6073	-1210	15776	0	15776	2596	18372	50.01
15	5813	350	256	6419	78	4018	0	679	6074	5956	-1249	15901	0	15901	2630	18531	49.95
16	6180	205	267	6652	67	4254	0	476	6057	5842	-1187	16104	0	16104	2640	18744	49.92
17	6248	418	256	6922	82	4508	0	219	5592	5338	-1079	15990	0	15990	2591	18581	49.88
18	6294	218	268	6780	105	4885	0	37	5260	5270	-889	16188	0	16188	2527	18715	49.94
19	6338	430	279	7047	67	4973	0	0	5494	5531	-856	16762	0	16762	2549	19311	50.00
20	6415	215	270	6900	65	4994	0	0	5721	5627	-863	16723	0	16723	2514	19237	50.04
21	6390	134	280	6804	51	4409	0	0	5381	4985	-810	15439	0	15439	2433	17872	50.02
22	6364	154	271	6789	26	4062	0	0	5136	4780	-789	14868	0	14868	2345	17213	50.03
23	6337	65	280	6682	49	3964	0	0	4941	5066	-920	14841	0	14841	2303	17144	50.03
24	6324	64	291	6679	57	3936	0	0	4928	4712	-1126	14258	0	14258	2272	16530	50.01
MUs	141.82	3.28	6.58	151.67	3.42	102.84	0.00	6.17	131.16	128.63	-23.47	369.27	0.00	369.27	54.71	423.98	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 27/Oct/2020

Position as on 6.30 Hrs of 28/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	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	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 10.00 hrs)	
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	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	26/10/2020	06.27	27/10/2020	09.16	Electrical protection.	
MSPGCL	Khaparkheda Unit 5	500	26/10/2020	07.52		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana Unit 5	80	27/10/2020	08.00	27/10/2020	18.00	Overhauling	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2020

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	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
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	26/10/2020	10.53	27/10/2020	08.42	PO	Replacement of Damage Earth wire.
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	26/10/2020	20.45	27/10/2020	19.08	EO	Y Phase Isolator Replacement
Dhule Sar'Sarovar II	InterState	27/10/2020	10.35		Continued.	PO	Replacement of Damage earth wire.(RFC 18:20)
Chandrapur Bhadravati III	InterState	27/10/2020	14.50	27/10/2020	22.33	EO	Emergency Tree Cutting Work.
Chandrapur Bhadravati IV	InterState	27/10/2020	14.51	27/10/2020	22.47	EO	Emergency Tree Cutting Work.
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Bhusawal-Aurangabad	IntraState	26/10/2020	20.16	27/10/2020	07.00	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	26/10/2020	22.26	27/10/2020	06.59	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	27/10/2020	08.22	27/10/2020	18.20	PO	Cold washing of Insulator String
Khadka-Aurangabad (Waluj)	IntraState	27/10/2020	20.35		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS Work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Karad(400kv) - Ogalewadi Ckt 2	IntraState	27/10/2020	10.27	27/10/2020	12.24	PO	CB Timing,CRM & Quarterly Bay Maintenance Work.
Nadgaonpeth-Amravati	IntraState	27/10/2020	10.37	27/10/2020	17.46	PO	To Check Cable Of Existing C&R panel and Maint work
khaparkheda-Khaparkheda(new)-I	IntraState	27/10/2020	10.45	27/10/2020	13.03	PO	CT Tan Delta & Capacitance Measurement Work.
Versova (AEML)- Versova (TATA) ckt-1	IntraState	27/10/2020	10.51	27/10/2020	16.13	EO	Isolator Maintenance Work.
Mahad - Pedambe	IntraState	27/10/2020	12.38	27/10/2020	19.10	PO	Replacement of Damage Conductor
Maisal-Jath I	IntraState	27/10/2020	14.13	27/10/2020	20.50	PO	Replacement of disc insulator string.
Hamidwada-Mumewadi	IntraState	27/10/2020	18.04	27/10/2020	20.40	EO	CT Jumper Replacement at Hamidwada end.
OSMANABAD BARSHI	IntraState	28/10/2020	01.07		Continued.	HT	For twin Bus Outage.
Osmanabad - Solapur (Bale)	IntraState	28/10/2020	01.07		Continued.	HT	For twin Bus Outage.

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 27/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2020

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							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	26/10/2020	10.15	27/10/2020	18.20	PO	Overhauling of OLTC. Diagnostic Testing work
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	27/10/2020	11.35	27/10/2020	19.20	PO	Tan Delta Measurement & Replacement of Y PH LA