

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Oct/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.983	129.983	1) Gujrat	10.946	10.946
2) Hydro	4.490	4.490	2) Madhya Pradesh	2.706	2.706
3) Gas	6.466	6.466	3) Chattisgarh	4.790	4.790
Total MSPGCL	140.939	140.939	4) Maharashtra	123.023	123.023
B) 1) APML	52.226	52.226	5) Goa (Amona)	-1.399	-1.399
2) JSWEL	22.292	22.292	Total	140.066	140.066
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.508	21.508
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.655	27.655
5) WPCL	2.677	2.677	c) MSEDCL Bilateral *	29.940	29.940
6) Other IPP	8.369	8.369	Include PX	5.176	5.176
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.508	21.508
C) 1) TPCL Thermal	7.390	7.390	Include PX	8.024	8.024
2) TPCL Hydro	3.830	3.830	Standby	0.000	0.000
3) TPCL Gas	4.377	4.377	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.268	9.268	1) MSEDCL	356.607	356.607
D) STATE			2) Mumbai Discoms	52.519	52.519
1) Thermal	232.205	232.205	TOTAL STATE	409.126	409.126
(A1+C1+C4+(B1-B6))					
2) Hydro	8.320	8.320			
(A2+C2)					
3) Gas	10.843	10.843			
(A3+B7+C3)					
4) Wind	12.093	12.093			
6) SOLAR	5.600	5.600			
TOTAL STATE	269.061	269.061			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5623	5491	5458	5032
MSPGCL Hydro	180	132	1195	84
MSPGCL Gas	261	268	261	274
MSPGCL Total Generation	6064	5891	6914	5390
Central Sector Receipt	6595	6369	5447	4753
WIND	491	435	395	793
CPP / IPP Thermal	3470	3341	4109	3314
CPP / IPP Gas	0	0	0	0
SOLAR	721	613	0	0
Exchange with Mumbai	-1570	-1460	-902	-892
MSEDCL DEMAND MET	15771	15189	15963	13358
Load Shedding	0	0	0	0
MSEDCL DEMAND	15771	15189	15963	13358
TPCL GENERATION	595	643	1002	474
AEML GENERATION	373	371	498	372
MUMBAI DEMAND	2538	2474	2402	1738
STATE DEMAND MET	18309	17663	18365	15096
STATE DEMAND	18309	17663	18365	15096
Frequency (Hz)	50.02	50.03	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.88 Hz at 23.04 Hrs	50.02	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 01/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	10.31	10.31	520	320
Unit 9	10.54	10.54	520	350
Unit 10	9.46	9.46	415	380
Total	30.32	30.32		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.21	9.21	500	360
Unit 5	9.19	9.19	500	350
Total	18.40	18.40		
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	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	2.16	2.16	167	0
Unit 4	3.38	3.38	154	126
Unit 5	9.77	9.77	435	365
Unit 6	9.54	9.54	425	365
Unit 7	0.00	0.00	0	0
Unit 8	10.33	10.33	460	360
Unit 9	10.46	10.46	470	360
Total	45.65	45.65		
Paras				
Unit 3	4.75	4.75	225	182
Unit 4	5.26	5.26	250	181
Total	10.01	10.01		
Khaparkheda				
Unit 1	3.52	3.52	160	115
Unit 2	4.03	4.03	185	160
Unit 3	3.83	3.83	180	140
Unit 4	3.85	3.85	185	140
Unit 5	10.38	10.38	500	370
Total	25.61	25.61		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.47	6.47	284	259
Total	6.47	6.47		
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)	1.13	1.13	53	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.13	1.13		
Koyna				
Stage 1-2	1.93	1.93	495	40
Stage 4	0.48	0.48	351	0
Stage 3	0.70	0.70	240	0
Total	3.12	3.12		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.40	0.40	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.30	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.54	0.54	23	22
SMLHY_PTN	0.12	0.12	6	5
GHATGHAR	0.00	0.00	0	0
Total	1.37	1.37		
Wind				
Total	12.09	12.09	0	0
Total	12.09	12.09		
CPP				
APML(Mus)	52.23	52.23	0	0
JSWEL(Mus)	22.29	22.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.68	2.68	0	0
Other(Mus)	8.37	8.37	0	0
Total	85.56	85.56		
SOLAR				
Total	5.60	5.60	0	0
Total	5.60	5.60		
Tata				
Trombay 5	7.39	7.39	368	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	2.80	117	112
Trombay 7B	1.58	1.58	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.83	3.83	459	0
Total	15.60	15.60		
AEML				
DTPS U-1&2	9.27	9.27	500	370
Total	9.27	9.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.98	129.98	MSPGCL Total	140.94	140.94
			MSPGCL Thml+Gas	136.45	136.45	Koyna 1,2 & 4 Total	2.42	2.42
			MSPGCL Hydro	4.49	4.49	State Total	269.06	269.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5093	73	274	5440	655	3333	0	0	5259	5336	-1127	13637	0	13637	2027	15664	50.01
2	5112	73	273	5458	636	3354	0	0	5167	4927	-1053	13322	0	13322	1903	15225	50.03
3	5056	73	275	5404	697	3327	0	0	4919	4843	-964	13307	0	13307	1810	15117	50.02
4	5032	84	274	5390	793	3314	0	0	4870	4753	-892	13358	0	13358	1738	15096	50.01
5	5112	72	274	5458	669	3285	0	0	5094	5149	-834	13727	0	13727	1681	15408	50.00
6	5610	73	284	5967	853	3438	0	0	5471	5474	-869	14863	0	14863	1716	16579	49.99
7	5713	77	275	6065	685	3480	0	9	6271	6176	-901	15514	0	15514	1745	17259	50.03
8	5747	105	275	6127	492	3476	0	138	6791	7003	-1030	16206	0	16206	1867	18073	50.03
9	5772	175	273	6220	513	3457	0	363	6945	6838	-1254	16137	0	16137	2084	18221	50.04
10	5678	166	271	6115	520	3378	0	575	6922	6408	-1470	15526	0	15526	2373	17899	50.02
11	5623	180	261	6064	491	3470	0	721	6675	6595	-1570	15771	0	15771	2538	18309	50.02
12	5537	118	259	5914	513	3475	0	853	6671	6533	-1603	15685	0	15685	2606	18291	50.05
13	5368	87	259	5714	410	3328	0	810	6584	6291	-1546	15007	0	15007	2532	17539	50.04
14	5112	83	259	5454	359	3280	0	766	6532	6462	-1476	14845	0	14845	2458	17303	50.03
15	5491	132	268	5891	435	3341	0	613	6393	6369	-1460	15189	0	15189	2474	17663	50.03
16	5581	83	259	5923	422	3364	0	441	6392	6289	-1413	15026	0	15026	2483	17509	50.02
17	5397	142	259	5798	394	3513	0	246	6195	6255	-1309	14897	0	14897	2445	17342	50.01
18	5353	157	270	5780	313	3901	0	65	5981	6078	-1165	14972	0	14972	2371	17343	50.03
19	5521	556	271	6348	285	4064	0	0	5720	5640	-974	15363	0	15363	2402	17765	50.02
20	5458	1195	261	6914	395	4109	0	0	5408	5447	-902	15963	0	15963	2402	18365	50.02
21	5480	445	273	6198	410	4094	0	0	5266	5247	-810	15139	0	15139	2311	17450	50.01
22	5528	171	272	5971	361	4009	0	0	5251	5481	-982	14840	0	14840	2236	17076	50.03
23	5360	93	274	5727	395	3985	0	0	5276	5150	-1018	14239	0	14239	2206	16445	50.01
24	5249	77	273	5599	397	3789	0	0	5235	5322	-1033	14074	0	14074	2112	16186	50.00
MUs	129.98	4.49	6.47	140.94	12.09	85.56	0.00	5.60	141.29	140.07	-27.65	356.61	0.00	356.61	52.52	409.13	50.02

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 01/Oct/2020

Position as on 6.30 Hrs of 02/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 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	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	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
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	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
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	Chandrapur Unit 3	210	01/10/2020	16.00		Continued.	Main turbine bearing problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 02/Oct/2020

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 Khandwa II	InterState	23/09/2020	17.54		Continued.	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	01/10/2020	09.45	01/10/2020	19.54	PO	Routine maintenance and diagnostic testing ,relay testing work etc.
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).
Padghe - Nagothane - II	IntraState	29/09/2020	20.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/09/2020	17.44	01/10/2020	08.36	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	30/09/2020	21.36	01/10/2020	08.37	HT	Over Voltage
Padghe - Kalwa- I	IntraState	30/09/2020	23.27	01/10/2020	07.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/09/2020	23.32	01/10/2020	08.05	HT	Over Voltage
Babhaleswhar - Padghe-II	IntraState	01/10/2020	06.09	01/10/2020	14.05	T	Distance Protection
Dhule - Bableswhar - II	IntraState	01/10/2020	17.51		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/10/2020	20.04		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	02/10/2020	00.11		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)
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.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38	02/10/2020	00.12	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
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
Vankuswade - Kdph	IntraState	01/10/2020	09.00	01/10/2020	15.10	PO	For replacement of damaged conductor of R phase.
Karad -Mudshingi Ckt- IV	IntraState	01/10/2020	09.45	01/10/2020	19.25	PO	Insulator replacement work in foggy area.
GIS Bhandup - Borivali	IntraState	01/10/2020	12.26	01/10/2020	16.31	T	Distance Protection
Lonikand1 (400 Kv)-Theur II	IntraState	01/10/2020	13.13	01/10/2020	19.37	PO	Replacement of Existing 0.4 ACSR Conductor,hardware & Insulator to HTLS Conductor.
220 KV ICT Outages/Trippings							
220/33kv 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	01/10/2020	09.02	01/10/2020	16.40	PO	Isolation pf 33KV cables from NGT end for incomer SW 19 for removal of 33KV board 2 under AIS to GIS conversion scheme.

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