

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Oct/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.176	2185.588	1) Gujrat	-0.624	43.031
2) Hydro	5.612	116.417	2) Madhya Pradesh	6.377	91.754
3) Gas	6.287	99.432	3) Chattisgarh	5.790	92.240
Total MSPGCL	153.075	2401.437	4) Maharashtra	100.836	2009.170
B) 1) APML	59.769	1047.738	5) Goa (Amona)	-1.199	-23.083
2) JSWEL	23.622	395.877	Total	111.180	2213.112
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.259	356.747
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.416	387.966
5) WPCL	7.074	97.123	c) MSEDCL Bilateral *	27.768	545.437
6) Other IPP	8.279	148.358	Include PX	-2.065	57.485
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.682	355.169
C) 1) TPCL Thermal	15.174	175.193	Include PX	6.462	129.921
2) TPCL Hydro	3.004	85.507	Standby	1.578	1.578
3) TPCL Gas	4.381	72.372	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.722	175.351	1) MSEDCL	355.055	6204.423
D) STATE			2) Mumbai Discoms	51.698	896.386
1) Thermal	261.816	4225.228	TOTAL STATE	406.753	7100.809
(A1+C1+C4+(B1-B6))					
2) Hydro	8.616	201.924			
(A2+C2)					
3) Gas	10.668	171.804			
(A3+B7+C3)					
4) Wind	9.091	201.779			
6) SOLAR	5.381	86.965			
TOTAL STATE	295.572	4887.700			

* 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 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6495	6417	6399	4777
MSPGCL Hydro	225	97	1014	91
MSPGCL Gas	268	257	258	268
MSPGCL Total Generation	6988	6771	7671	5136
Central Sector Receipt	4689	4833	4511	3856
WIND	436	161	249	677
CPP / IPP Thermal	4323	4439	4870	3732
CPP / IPP Gas	0	0	0	0
SOLAR	461	216	0	0
Exchange with Mumbai	-921	-1154	-1014	-454
MSEDCL DEMAND MET	15976	15266	16287	12947
Load Shedding	0	0	0	0
MSEDCL DEMAND	15976	15266	16287	12947
TPCL GENERATION	857	963	1101	965
AEML GENERATION	250	250	250	407
MUMBAI DEMAND	2028	2367	2365	1826
STATE DEMAND MET	18004	17633	18652	14773
STATE DEMAND	18004	17633	18652	14773
Frequency (Hz)	50.00	49.97	49.91	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 13:03 Hrs	49.76 Hz at 17:54 Hrs	49.98	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 17/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	11.31	142.22	630	360
Unit 9	8.24	108.73	440	9
Unit 10	8.80	137.97	385	330
Total	28.35	388.92		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.32	166.44	490	280
Unit 5	9.36	166.46	490	275
Total	18.69	332.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.53	55.31	238	169
Unit 7	4.83	54.87	248	166
Unit 8	5.00	59.96	250	170
Total	14.36	170.14		
Chandrapur				
Unit 3	2.20	4.36	153	0
Unit 4	3.45	48.88	165	119
Unit 5	8.41	162.56	415	272
Unit 6	8.84	143.60	420	280
Unit 7	0.00	0.00	0	0
Unit 8	10.48	172.40	460	280
Unit 9	10.56	171.22	470	280
Total	43.94	703.01		
Paras				
Unit 3	4.45	75.99	210	112
Unit 4	4.74	85.81	216	180
Total	9.19	161.80		
Khaparkheda				
Unit 1	3.09	57.34	160	85
Unit 2	3.40	66.50	180	120
Unit 3	3.53	59.81	180	140
Unit 4	3.54	67.49	180	140
Unit 5	9.82	169.37	475	320
Total	23.38	420.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.27	8.32	192	118
Unit 5	0.00	0.00	0	0
Total	3.27	8.32		
Uran				
All Units	6.29	99.43	279	246
Total	6.29	99.43		
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)	0.43	14.32	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.43	14.32		
Koyna				
Stage 1-2	1.84	44.80	260	40
Stage 4	0.93	21.93	538	0
Stage 3	0.99	16.44	160	0
Total	3.77	83.17		
Hydro				
KDPH	0.00	4.02	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	3.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	5.78	40	0
RNGR+BHTSA	0.34	2.24	15	14
BHANDARDRA	0.00	0.47	0	0
ELDARY	0.54	9.01	23	22
SMLHY_PTN	0.35	2.94	15	14
GHATGHAR	0.25	4.28	125	0
Total	1.84	33.25		
Wind				
Total	9.09	201.78	0	0
Total	9.09	201.78		
CPP				
APML(Mus)	59.77	1047.74	0	0
JSWEL(Mus)	23.62	395.88	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.07	97.12	0	0
Other(Mus)	8.28	148.36	0	0
Total	98.74	1689.10		
SOLAR				
Total	5.38	86.96	0	0
Total	5.38	86.96		
Tata				
Trombay 5	10.06	151.10	446	360
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	47.19	119	115
Trombay 7B	1.58	25.18	67	65
Trombay 8	5.12	24.09	224	174
TATA Hydro	3.00	85.51	357	2
Total	22.56	333.07		
AEML				
DTPS U-1&2	6.72	175.35	407	249
Total	6.72	175.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.18	2185.59	MSPGCL Total	153.08	2401.44
			MSPGCL Thml+Gas	147.46	2285.02	Koyna 1,2 & 4 Total	2.78	66.73
			MSPGCL Hydro	5.61	116.42	State Total	295.57	4887.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5033	91	258	5382	793	3875	0	0	4255	4050	-686	13414	0	13414	2061	15475	50.00
2	4929	106	269	5304	774	3885	0	0	4269	3817	-604	13176	0	13176	1924	15100	50.01
3	4777	91	268	5136	677	3732	0	0	4296	3856	-454	12947	0	12947	1826	14773	49.99
4	4646	96	259	5001	639	3375	0	0	4221	4498	-381	13132	0	13132	1748	14880	49.97
5	4796	226	268	5290	654	3537	0	0	4199	4669	-422	13728	0	13728	1704	15432	49.99
6	5444	135	268	5847	651	3794	0	0	4263	4401	-547	14146	0	14146	1734	15880	50.00
7	6337	261	269	6867	543	3996	0	17	4461	4386	-661	15148	0	15148	1741	16889	50.00
8	6631	180	259	7070	444	4444	0	152	4718	4626	-746	15990	0	15990	1835	17825	50.01
9	6495	225	268	6988	436	4323	0	461	4771	4689	-921	15976	0	15976	2028	18004	50.00
10	6471	204	267	6942	334	4184	0	659	5132	4772	-1150	15741	0	15741	2253	17994	50.02
11	6042	135	256	6433	234	4024	0	752	5450	5319	-1332	15430	0	15430	2439	17869	49.99
12	5758	135	257	6150	190	3963	0	815	5613	5556	-1462	15212	0	15212	2570	17782	50.00
13	5715	167	256	6138	150	3909	0	736	5474	5371	-1361	14943	0	14943	2494	17437	49.92
14	5857	152	256	6265	118	3909	0	634	5204	5115	-1215	14826	0	14826	2404	17230	50.02
15	5933	162	246	6341	63	3955	0	519	5329	5337	-1231	14984	0	14984	2408	17392	49.97
16	6259	102	256	6617	82	4052	0	377	5297	5098	-1218	15008	0	15008	2406	17414	49.94
17	6417	97	257	6771	161	4439	0	216	4858	4833	-1154	15266	0	15266	2367	17633	49.97
18	6360	182	257	6799	235	4739	0	43	4553	4315	-978	15153	0	15153	2300	17453	49.94
19	6399	1014	258	7671	249	4870	0	0	4589	4511	-1014	16287	0	16287	2365	18652	49.91
20	6405	947	278	7630	275	4876	0	0	4536	4350	-1056	16075	0	16075	2388	18463	50.02
21	6400	293	259	6952	324	4685	0	0	4575	4438	-1021	15378	0	15378	2298	17676	49.99
22	6265	262	279	6806	366	4171	0	0	4462	4582	-977	14948	0	14948	2192	17140	50.00
23	6021	244	259	6524	361	4022	0	0	4445	4288	-924	14271	0	14271	2126	16397	50.01
24	5786	105	260	6151	338	3985	0	0	4294	4303	-901	13876	0	13876	2086	15962	49.96
MUs	141.18	5.61	6.29	153.08	9.09	98.74	0.00	5.38	113.26	111.18	-22.42	355.05	0.00	355.05	51.70	406.75	49.98

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 17/Oct/2020

Position as on 6.30 Hrs of 18/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	Chandrapur Unit 3	210	01/10/2020	16.00	17/10/2020	05.20	Main turbine bearing problem.	
MSPGCL	Koradi Unit 9	660	11/10/2020	18.16	17/10/2020	00.42	Boiler Tube Leakage	
AEML	AEML Unit 2	250	17/10/2020	04.49		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	18/10/2020	15.10	18/10/2020	16.44	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 18/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
Chandrapur Bhadravati III	InterState	12/10/2020	03.15	17/10/2020	13.51	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/10/2020	21.16	18/10/2020	08.34	HT	Over Voltage
Alkud-Solapur(PG)	InterState	17/10/2020	17.02	17/10/2020	21.10	T	Distance Protection
Dhule(MS)- Dhule(BDTCL) -II	InterState	18/10/2020	08.47	18/10/2020	19.36	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	18/10/2020	17.10		Continued.	HT	Over Voltage
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).
Dhule - Bableshwar - II	IntraState	14/10/2020	19.36	17/10/2020	08.04	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/10/2020	18.21	17/10/2020	07.33	HT	Over Voltage
Padghe - Kalwa- I	IntraState	16/10/2020	23.58	17/10/2020	06.03	EO	Insulator Replacement Work
Lonikand I - Koyna stage-IV	IntraState	17/10/2020	01.17	17/10/2020	08.26	HT	Over Voltage
Chandrapur - Parli	IntraState	17/10/2020	04.51	17/10/2020	17.03	T	Distance Protection
Padghe - Nagothane - I	IntraState	17/10/2020	09.00	17/10/2020	19.11	PO	String replacement
Khadka-Aurangabad (Waluj)	IntraState	17/10/2020	19.43	18/10/2020	08.15	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	17/10/2020	21.31	18/10/2020	08.19	HT	Over Voltage
Padghe - Kalwa-II	IntraState	18/10/2020	00.05	18/10/2020	06.18	EO	PDR Relay replacement(RFC 02.51Hrs)
Dhule - Bableshwar - II	IntraState	18/10/2020	16.39		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2020	20.05		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
400/220/33 Kv 315 MVA ICT II @Bableshwar	IntraState	17/10/2020	09.47	17/10/2020	19.21	PO	Quarterly Maintenance Work
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	18/10/2020	18.05		Continued.	T	Shifted on TBC due to low oil leakage.
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)
Tillari Amona	InterState	17/10/2020	01.30	17/10/2020	07.27	T	Distance Protection
Mahalakshmi Amona	InterState	17/10/2020	01.30	17/10/2020	07.19	T	Distance Protection
EKLAHARE (OCR) Nasik Navsari II	InterState	17/10/2020	17.05	18/10/2020	12.32	PO	Jumper replacement
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Speacial 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
Shirsuphal-Kurkumbh	IntraState	09/10/2020	10.25	17/10/2020	07.24	PO	Construction work.
Dondaicha(220)-Amalner(220)	IntraState	17/10/2020	10.11	17/10/2020	12.05	EO	To attend Hot Spot

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 17/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 18/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Nanded(Waghale) I	IntraState	17/10/2020	11.43	17/10/2020	13.55	PO	Main Protection and Bus Bar Protection control cable replacement work
Sawantwadi-Bidri	IntraState	18/10/2020	01.50	18/10/2020	09.20	HT	Over Voltage
Loteparshuram- Dasturi Line	IntraState	18/10/2020	09.40	18/10/2020	13.50	PO	For attending Red Hot of R & B ph CTs jumpers.
Pusad - Hingoli	IntraState	18/10/2020	12.36	18/10/2020	14.14	T	Distance Protection
Hingoli- Girawali	IntraState	18/10/2020	12.36	18/10/2020	00.22	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132/11 Kv 200 Mva Cgl lct 2 @Amravati	IntraState	15/10/2020	11.32	17/10/2020	21.47	PO	C and R panel shift work
220/132 Kv 200 MVA ICT I @Dhule	IntraState	17/10/2020	10.00	17/10/2020	15.40	PO	CTR make NIFPS repairing

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