

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Oct/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.925	2044.412	1) Gujrat	-0.162	43.655
2) Hydro	5.431	110.805	2) Madhya Pradesh	6.596	85.377
3) Gas	6.226	93.145	3) Chattisgarh	4.870	86.450
Total MSPGCL	134.582	2248.362	4) Maharashtra	100.197	1908.334
B) 1) APLM	57.096	987.969	5) Goa (Amona)	-0.777	-21.884
2) JSWEL	22.263	372.255	Total	110.724	2101.932
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.769	335.487
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.217	365.550
5) WPCL	6.641	90.049	c) MSEDCL Bilateral *	25.136	517.669
6) Other IPP	7.662	140.079	Include PX	-2.926	59.550
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.769	335.487
C) 1) TPCL Thermal	15.211	160.019	Include PX	6.202	123.459
2) TPCL Hydro	5.884	82.503	Standby	0.000	0.000
3) TPCL Gas	4.392	67.991	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.286	168.629	1) MSEDCL	343.875	5849.368
D) STATE			2) Mumbai Discoms	53.990	844.688
1) Thermal	242.084	3963.412	TOTAL STATE	397.865	6694.056
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.315	193.308			
3) Gas (A3+B7+C3)	10.618	161.136			
4) Wind	18.737	192.688			
6) SOLAR	4.387	81.584			
TOTAL STATE	287.141	4592.128			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5604	5749	6033	4398
MSPGCL Hydro	188	147	601	162
MSPGCL Gas	256	257	256	257
MSPGCL Total Generation	6048	6153	6890	4817
Central Sector Receipt	5038	4505	4491	4025
WIND	553	449	521	1235
CPP / IPP Thermal	4116	4329	4734	3070
CPP / IPP Gas	0	0	0	0
SOLAR	546	37	0	0
Exchange with Mumbai	-854	-744	-829	-586
MSEDCL DEMAND MET	15447	14729	15807	12561
Load Shedding	0	0	0	0
MSEDCL DEMAND	15447	14729	15807	12561
TPCL GENERATION	1159	1253	1249	788
AEML GENERATION	435	435	429	436
MUMBAI DEMAND	2448	2432	2507	1810
STATE DEMAND MET	17895	17161	18314	14371
STATE DEMAND	17895	17161	18314	14371
Frequency (Hz)	49.99	49.94	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 04.00 Hrs	49.74 Hz at 18.12 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 16/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	11.02	130.91	600	362
Unit 9	0.00	100.48	0	0
Unit 10	6.51	129.17	400	0
Total	17.53	360.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.68	157.12	480	280
Unit 5	8.25	157.09	435	275
Total	16.92	314.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.80	50.78	250	173
Unit 7	4.64	50.04	248	169
Unit 8	4.76	54.96	250	169
Total	14.21	155.78		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.36	45.43	156	125
Unit 5	8.15	154.14	420	268
Unit 6	8.21	134.76	415	280
Unit 7	0.00	0.00	0	0
Unit 8	9.50	161.92	454	280
Unit 9	9.46	160.66	456	275
Total	38.68	659.07		
Paras				
Unit 3	4.96	71.55	245	174
Unit 4	4.66	81.07	240	110
Total	9.62	152.62		
Khaparkheda				
Unit 1	3.23	54.24	155	105
Unit 2	3.60	63.10	180	140
Unit 3	2.82	56.29	180	0
Unit 4	3.70	63.95	180	140
Unit 5	9.13	159.55	436	305
Total	22.49	397.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.48	5.06	178	122
Unit 5	0.00	0.00	0	0
Total	3.48	5.06		
Uran				
All Units	6.23	93.14	269	245
Total	6.23	93.14		
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)	0.69	13.89	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.69	13.89		
Koyna				
Stage 1-2	1.48	42.96	260	40
Stage 4	0.50	21.00	206	0
Stage 3	0.49	15.45	80	0
Total	2.48	79.40		
Hydro				
KDPH	0.70	4.02	37	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.	0.40	5.42	40	0
RNGR+BHTSA	0.35	1.90	15	14
BHANDARDRA	0.09	0.47	15	0
ELDARY	0.53	8.47	22	21
SMLHY_PTN	0.70	2.60	30	29
GHATGHAR	0.20	4.03	125	0
Total	2.96	31.40		
Wind				
Total	18.74	192.69	0	0
Total	18.74	192.69		
CPP				
APML(Mus)	57.10	987.97	0	0
JSWEL(Mus)	22.26	372.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.64	90.05	0	0
Other(Mus)	7.66	140.08	0	0
Total	93.66	1590.35		
SOLAR				
Total	4.39	81.58	0	0
Total	4.39	81.58		
Tata				
Trombay 5	10.03	141.04	448	352
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	44.39	117	116
Trombay 7B	1.58	23.60	67	65
Trombay 8	5.18	18.98	223	208
TATA Hydro	5.88	82.50	459	2
Total	25.49	310.51		
AEML				
DTPS U-1&2	10.29	168.63	436	401
Total	10.29	168.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.92	2044.41	MSPGCL Total	134.58	2248.36
			MSPGCL Thml+Gas	129.15	2137.56	Koyna 1,2 & 4 Total	1.98	63.96
			MSPGCL Hydro	5.43	110.80	State Total	287.14	4592.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	4494	162	259	4915	1466	3339	0	0	3944	3831	-692	12859	0	12859	2071	14930	49.99
2	4397	157	267	4821	1396	3053	0	0	3930	4006	-653	12623	0	12623	1930	14553	49.96
3	4398	162	257	4817	1235	3070	0	0	3993	4025	-586	12561	0	12561	1810	14371	49.98
4	4135	156	268	4559	1116	3080	0	0	3928	4448	-448	12755	0	12755	1708	14463	49.97
5	4101	166	268	4535	1115	3124	0	0	4253	4847	-429	13192	0	13192	1686	14878	50.00
6	4912	236	258	5406	974	3564	0	0	4226	4844	-471	14317	0	14317	1721	16038	49.94
7	5617	225	268	6110	834	4297	0	10	4552	4349	-541	15059	0	15059	1778	16837	50.02
8	5564	236	268	6068	816	4243	0	140	4994	4638	-569	15336	0	15336	1909	17245	50.00
9	5585	200	257	6042	664	4128	0	330	4967	4802	-718	15248	0	15248	2154	17402	49.97
10	5604	188	256	6048	553	4116	0	546	5213	5038	-854	15447	0	15447	2448	17895	49.99
11	5080	198	246	5524	535	3985	0	648	5634	5308	-1053	14947	0	14947	2644	17591	49.98
12	4814	188	255	5257	593	3922	0	644	5645	5457	-1150	14723	0	14723	2725	17448	49.96
13	4512	188	255	4955	586	3835	0	551	5596	5411	-1141	14197	0	14197	2779	16976	49.95
14	4355	188	255	4798	602	3852	0	549	5399	5208	-952	14057	0	14057	2603	16660	49.96
15	4630	188	245	5063	568	3832	0	461	5287	4938	-905	13957	0	13957	2575	16532	49.93
16	4911	293	256	5460	605	3898	0	284	4918	4868	-827	14288	0	14288	2550	16838	49.97
17	5345	353	255	5953	494	3998	0	187	4700	4477	-793	14316	0	14316	2495	16811	50.00
18	5749	147	257	6153	449	4329	0	37	4519	4505	-744	14729	0	14729	2432	17161	49.94
19	6033	601	256	6890	521	4734	0	0	4761	4491	-829	15807	0	15807	2507	18314	49.92
20	6160	476	267	6903	515	4836	0	0	4688	4366	-910	15710	0	15710	2483	18193	50.03
21	6091	244	258	6593	617	4383	0	0	4490	4257	-800	15050	0	15050	2391	17441	50.03
22	5964	195	258	6417	801	4141	0	0	4379	3938	-682	14615	0	14615	2252	16867	50.02
23	5290	164	268	5722	836	3927	0	0	4367	4586	-718	14353	0	14353	2194	16547	49.97
24	5184	120	269	5573	846	3976	0	0	4375	4086	-752	13729	0	13729	2145	15874	49.98
MUs	122.92	5.43	6.23	134.58	18.74	93.66	0.00	4.39	112.76	110.72	-18.22	343.88	0.00	343.88	53.99	397.87	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 16/Oct/2020

Position as on 6.30 Hrs of 17/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	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	
MSPGCL	Koyana STG-IV Unit-2	250	14/10/2020	09.50	16/10/2020	11.30	Thrust Bearing Oil Cooler cleaning	
MSPGCL	Khaparkheda Unit 3	210	14/10/2020	18.15	16/10/2020	04.16	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	16/10/2020	03.10	16/10/2020	07.45	Cooling water pump problem	
AEML	AEML Unit 2	250	17/10/2020	04.49		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 17/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		Continued.	HT	Over Voltage
Alkud-Solapur(PG)	InterState	17/10/2020	17.02	17/10/2020	21.10	T	Distance Protection
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).
Akola II - RPL(Rattanindia) Ckt I	IntraState	11/10/2020	21.08	16/10/2020	10.06	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	14/10/2020	19.36	17/10/2020	08.04	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/10/2020	19.52	16/10/2020	08.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/10/2020	23.33	16/10/2020	09.38	HT	Over Voltage
Padghe - Nagothane - I	IntraState	16/10/2020	12.06	16/10/2020	17.31	HT	Heavy sparking.
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		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	17/10/2020	21.31		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 @Babhleshwar	IntraState	17/10/2020	09.47	17/10/2020	19.21	PO	Quarterly Maintenance Work
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	16/10/2020	04.31	16/10/2020	07.22	T	Over Voltage
Mahalakshmi Amona	InterState	16/10/2020	04.31	16/10/2020	07.01	T	Over Voltage
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		Continued.	PO	Jumper replacement
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
Shirsuphal-Kurkumbh	IntraState	09/10/2020	10.25	17/10/2020	07.24	PO	Construction work.
Kharghar-Borivali ckt I	IntraState	12/10/2020	09.30	16/10/2020	21.24	HT	Over Voltage
Uran - Kharghar 2	IntraState	16/10/2020	07.24	16/10/2020	13.21	HT	R-phase jumper broken.

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 16/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 17/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Phulambri-Bhokardan	IntraState	16/10/2020	09.31	16/10/2020	15.35	PO	Tightening of jumper nut bolts.
khaparkheda-Khaparkheda(new)-I	IntraState	16/10/2020	10.36	16/10/2020	16.07	PO	Diagnostic testing work.
Chalisgaon-Malegaon	IntraState	16/10/2020	11.50	16/10/2020	12.45	PO	CT Leakage attending work.
Wathar - Mudshingi 3 Line	IntraState	16/10/2020	12.20	16/10/2020	15.15	PO	Auto recloser testing work.
Vita-Khanapur(Mahuli Tap)	IntraState	16/10/2020	12.26	16/10/2020	15.13	PO	Replacement of faulty disc insulator string at Loc No.43 & 54.
Uran - Kharghar I	IntraState	16/10/2020	14.30	16/10/2020	17.09	PO	Line Maintenance work
Dondaicha(220)-Amalner(220)	IntraState	17/10/2020	10.11	17/10/2020	12.05	EO	To attend Hot Spot
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
220 KV ICT Outages/Trippings							
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	15/10/2020	11.32	17/10/2020	21.47	PO	C and R panel shift work
220/132 Kv 200MVA ICT II @Dhule	IntraState	16/10/2020	09.42	16/10/2020	17.40	PO	CTR make NIFPS repairing & service.
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-Ii (Mudshingi)	IntraState	16/10/2020	10.45	16/10/2020	18.16	PO	Quarterly Maintenance Work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	16/10/2020	12.23	16/10/2020	21.15	PO	Attending OLTC mechanism fixing/ overhauling & testing 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