

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Oct/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.627	1921.487	1) Gujrat	-1.856	43.817
2) Hydro	6.032	105.374	2) Madhya Pradesh	3.687	78.781
3) Gas	6.342	86.919	3) Chattisgarh	4.130	81.580
Total MSPGCL	134.001	2113.780	4) Maharashtra	83.037	1808.137
B) 1) APML	61.418	930.873	5) Goa (Amona)	-0.700	-21.107
2) JSWEL	20.386	349.992	Total	88.298	1991.208
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.134	317.719
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.755	347.333
5) WPCL	6.816	83.408	c) MSEDCL Bilateral *	20.780	492.533
6) Other IPP	7.277	132.417	Include PX	-6.735	62.476
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.134	317.719
C) 1) TPCL Thermal	14.120	144.808	Include PX	6.430	117.257
2) TPCL Hydro	10.468	76.619	Standby	0.000	0.000
3) TPCL Gas	4.389	63.599	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.395	158.343	1) MSEDCL	330.745	5505.493
D) STATE			2) Mumbai Discoms	54.127	790.698
1) Thermal	242.039	3721.328	TOTAL STATE	384.872	6296.191
(A1+C1+C4+(B1-B6))					
2) Hydro	16.500	181.993			
(A2+C2)					
3) Gas	10.731	150.518			
(A3+B7+C3)					
4) Wind	24.440	173.951			
6) SOLAR	2.864	77.197			
TOTAL STATE	296.574	4304.987			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4938	5558	5905	4757
MSPGCL Hydro	283	442	287	164
MSPGCL Gas	268	268	268	259
MSPGCL Total Generation	5489	6268	6460	5180
Central Sector Receipt	4736	3965	4690	2144
WIND	945	618	708	1332
CPP / IPP Thermal	4032	4327	4706	3516
CPP / IPP Gas	0	0	0	0
SOLAR	391	30	0	0
Exchange with Mumbai	-954	-797	-820	-255
MSEDCL DEMAND MET	14639	14411	15744	11917
Load Shedding	0	0	0	0
MSEDCL DEMAND	14639	14411	15744	11917
TPCL GENERATION	1279	1269	1251	1066
AEML GENERATION	433	433	433	433
MUMBAI DEMAND	2666	2499	2504	1754
STATE DEMAND MET	17305	16910	18248	13671
STATE DEMAND	17305	16910	18248	13671
Frequency (Hz)	50.02	49.98	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08.48 Hrs	49.76 Hz at 16.40 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 15/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	10.24	119.89	490	275
Unit 9	0.00	100.48	0	0
Unit 10	8.04	122.66	340	327
Total	18.28	343.04		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.89	148.44	485	355
Unit 5	8.88	148.84	490	355
Total	17.77	297.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.71	45.98	240	179
Unit 7	4.73	45.40	241	187
Unit 8	4.94	50.20	250	190
Total	14.38	141.57		
Chandrapur				
Unit 3	0.00	2.16	0	0
Unit 4	3.70	42.07	159	152
Unit 5	9.03	145.99	440	363
Unit 6	8.99	126.55	420	356
Unit 7	0.00	0.00	0	0
Unit 8	9.02	152.42	455	360
Unit 9	9.05	151.20	462	355
Total	39.79	620.39		
Paras				
Unit 3	4.70	66.59	200	180
Unit 4	4.83	76.41	230	191
Total	9.53	143.00		
Khaparkheda				
Unit 1	3.64	51.02	160	120
Unit 2	3.89	59.49	175	160
Unit 3	0.00	53.46	0	0
Unit 4	3.83	60.25	160	150
Unit 5	8.94	150.42	420	360
Total	20.30	374.64		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	1.58	1.58	160	0
Unit 5	0.00	0.00	0	0
Total	1.58	1.58		
Uran				
All Units	6.34	86.92	292	245
Total	6.34	86.92		
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)	1.21	13.20	52	47

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.21	13.20		
Koyna				
Stage 1-2	2.00	41.48	460	40
Stage 4	0.00	20.50	0	0
Stage 3	0.79	14.95	80	0
Total	2.79	76.93		
Hydro				
KDPH	0.89	3.33	37	37
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.	0.41	5.02	40	0
RNGR+BHTSA	0.34	1.55	15	14
BHANDARDRA	0.34	0.39	15	14
ELDARY	0.53	7.95	22	21
SMLHY_PTN	0.74	1.90	31	30
GHATGHAR	0.00	3.83	0	0
Total	3.24	28.45		
Wind				
Total	24.44	173.95	0	0
Total	24.44	173.95		
CPP				
APML(Mus)	61.42	930.87	0	0
JSWEL(Mus)	20.39	349.99	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.82	83.41	0	0
Other(Mus)	7.28	132.42	0	0
Total	95.90	1496.69		
SOLAR				
Total	2.86	77.20	0	0
Total	2.86	77.20		
Tata				
Trombay 5	9.20	131.01	452	225
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	41.58	117	116
Trombay 7B	1.58	22.02	67	65
Trombay 8	4.92	13.79	227	185
TATA Hydro	10.47	76.62	459	222
Total	28.98	285.03		
AEML				
DTPS U-1&2	10.40	158.34	436	432
Total	10.40	158.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.63	1921.49	MSPGCL Total	134.00	2113.78
			MSPGCL Thml+Gas	127.97	2008.41	Koyna 1,2 & 4 Total	2.00	61.98
			MSPGCL Hydro	6.03	105.37	State Total	296.57	4304.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4897	169	292	5358	1149	3601	0	0	3613	2750	-439	12419	0	12419	1946	14365	50.00
2	4846	160	270	5276	1236	3546	0	0	2800	2495	-347	12206	0	12206	1846	14052	50.00
3	4752	169	280	5201	1352	3539	0	0	2313	2233	-293	12032	0	12032	1790	13822	50.00
4	4757	164	259	5180	1332	3516	0	0	2030	2144	-255	11917	0	11917	1754	13671	50.00
5	4830	169	269	5268	1230	3515	0	0	2163	2373	-235	12151	0	12151	1754	13905	49.94
6	4821	187	268	5276	1191	3505	0	0	3190	3191	-120	13043	0	13043	1784	14827	49.95
7	4826	249	268	5343	1119	3649	0	1	3837	3853	-117	13848	0	13848	1852	15700	50.02
8	4870	256	259	5385	1081	3874	0	49	4279	4220	-165	14444	0	14444	1891	16335	50.03
9	4881	244	268	5393	987	3889	0	191	4829	4651	-382	14729	0	14729	2062	16791	50.04
10	4954	223	258	5435	941	3745	0	332	4756	4827	-685	14595	0	14595	2417	17012	50.03
11	4938	283	268	5489	945	4032	0	391	4628	4736	-954	14639	0	14639	2666	17305	50.02
12	4964	186	246	5396	1163	4138	0	345	4566	4330	-1051	14321	0	14321	2764	17085	50.01
13	5001	168	254	5423	996	4054	0	403	4371	3899	-1078	13697	0	13697	2775	16472	50.01
14	5020	351	245	5616	892	4000	0	348	3398	3678	-954	13580	0	13580	2626	16206	50.01
15	5031	628	254	5913	851	4047	0	358	3763	3910	-1039	14040	0	14040	2656	16696	50.00
16	5020	298	269	5587	850	4166	0	273	4306	3718	-931	13663	0	13663	2616	16279	49.95
17	5076	282	257	5615	716	4146	0	143	4430	4076	-858	13838	0	13838	2537	16375	49.89
18	5558	442	268	6268	618	4327	0	30	4055	3965	-797	14411	0	14411	2499	16910	49.98
19	5905	287	268	6460	708	4706	0	0	4559	4690	-820	15744	0	15744	2504	18248	49.94
20	5801	287	259	6347	703	4787	0	0	4704	4238	-789	15286	0	15286	2440	17726	50.03
21	5518	269	268	6055	834	4572	0	0	4246	3808	-637	14632	0	14632	2337	16969	50.01
22	5201	232	269	5702	901	4256	0	0	4235	3887	-555	14191	0	14191	2252	16443	50.04
23	5114	172	268	5554	1310	4198	0	0	4010	3528	-591	13999	0	13999	2198	16197	50.02
24	5046	157	258	5461	1335	4089	0	0	3692	3098	-663	13320	0	13320	2161	15481	50.00
MUs	121.63	6.03	6.34	134.00	24.44	95.90	0.00	2.86	92.77	88.30	-14.75	330.74	0.00	330.74	54.13	384.87	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 15/Oct/2020

Position as on 6.30 Hrs of 16/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	15/10/2020	10.20	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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		Continued.	Main turbine bearing problem.	
MSPGCL	Koradi Unit 9	660	11/10/2020	18.16		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG-IV Unit-2	250	14/10/2020	09.50		Continued.	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		Continued.	Cooling Water pump problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 16/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		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/10/2020	19.12	15/10/2020	16.26	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/10/2020	21.16		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).
Kalwa - Talegaon(PG)	IntraState	10/10/2020	13.47	15/10/2020	18.51	T	Distance Protection
Akola II - RPL(Rattaniindia) Ckt I	IntraState	11/10/2020	21.08		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	14/10/2020	18.21	15/10/2020	08.22	T	Conductor Snapped At LOC 49.
Dhule - Bableshwar - II	IntraState	14/10/2020	19.36		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	15/10/2020	02.15	15/10/2020	09.12	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/10/2020	03.18	15/10/2020	10.34	HT	Over Voltage
Padghe - Kalwa-II	IntraState	15/10/2020	07.34	15/10/2020	08.18	T	PDR Operated
Khadka-Aurangabad (Waluj)	IntraState	15/10/2020	19.52		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/10/2020	23.33		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 Kv 500 MVA ICT II @Jejuri	IntraState	15/10/2020	01.19	15/10/2020	07.00	HT	To Control Over Voltage.
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)
Solapur(PG)- Jeur	InterState	14/10/2020	14.50	15/10/2020	13.30	T	Distance Protection
Mahalakshmi Amona	InterState	15/10/2020	02.11	15/10/2020	07.52	T	Over Voltage
Tillari Amona	InterState	15/10/2020	02.11	15/10/2020	07.52	T	Over Voltage
PARLY (PG) - OLD GCR PARLI	InterState	15/10/2020	15.07	15/10/2020	17.58	PO	To attend Red Hot at PGCIL end
Tillari Amona	InterState	16/10/2020	04.31		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	16/10/2020	04.31	16/10/2020	07.01	T	Over Voltage
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
Kharghar-Borivali ckt I	IntraState	12/10/2020	09.30		Continued.	HT	Over Voltage
Kalwa - Mulund 2	IntraState	13/10/2020	10.35	15/10/2020	19.21	HT	To control Line loading.
Kandalgaon - Koyna (Pophali)	IntraState	14/10/2020	15.30	15/10/2020	15.30	PO	Replacement of String Insulator
512 Khadki- Century Enka	IntraState	15/10/2020	00.11	15/10/2020	08.23	T	Distance Protection
chandrapur-Tadali	IntraState	15/10/2020	05.55	15/10/2020	06.45	T	Bus Bar Protection Operated at

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 15/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 16/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Tadali
Flagship-Chinchwad	IntraState	15/10/2020	09.04	15/10/2020	19.50	PO	Tower Erection work
Chinchwad- Parvati	IntraState	15/10/2020	09.04	15/10/2020	19.16	PO	Tower Erection work
Padghe - Wada	IntraState	15/10/2020	12.37	15/10/2020	16.28	T	Distance Protection
Deepnagar Bambhori	IntraState	15/10/2020	13.02	15/10/2020	14.09	EO	To attend Hot Spot
Nanded-Nanded(Waghale) II	IntraState	15/10/2020	13.19	15/10/2020	13.58	PO	Backup relay rectification work
Uran - Kharghar I	IntraState	15/10/2020	17.48	15/10/2020	20.30	T	Distance Protection