

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.385	2162.675	1) Gujrat	1.285	16.385
2) Hydro	2.644	100.207	2) Madhya Pradesh	4.387	93.504
3) Gas	6.496	112.453	3) Chattisgarh	7.790	116.680
Total MSPGCL	139.525	2375.335	4) Maharashtra	129.693	2143.778
B) 1) APML	65.790	1029.998	5) Goa (Amona)	-1.886	-20.782
2) JSWEL	18.746	298.642	Total	141.269	2349.565
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.720	350.581
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.634	391.028
5) WPCL	7.038	122.675	c) MSEDCL Bilateral *	26.882	483.021
6) Other IPP	14.154	234.804	Include PX	0.078	7.107
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.720	350.581
C) 1) TPCL Thermal	13.553	238.070	Include PX	13.994	211.986
2) TPCL Hydro	3.128	46.023	Standby	0.000	0.000
3) TPCL Gas	4.396	73.860	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.811	129.384	1) MSEDCL	381.481	6354.466
D) STATE			2) Mumbai Discoms	54.522	878.364
1) Thermal	258.477	4216.248	TOTAL STATE	436.003	7232.830
(A1+C1+C4+(B1-B6))					
2) Hydro	5.772	146.230			
(A2+C2)					
3) Gas	10.892	186.313			
(A3+B7+C3)					
4) Wind	12.998	221.607			
6) SOLAR	6.595	112.868			
TOTAL STATE	294.734	4883.266			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5935	5913	5988	4257
MSPGCL Hydro	241	76	92	87
MSPGCL Gas	255	253	277	278
MSPGCL Total Generation	6431	6242	6357	4622
Central Sector Receipt	6762	6864	5714	5034
WIND	864	866	359	504
CPP / IPP Thermal	4651	4414	4678	3987
CPP / IPP Gas	0	0	0	0
SOLAR	1004	910	0	0
Exchange with Mumbai	-1172	-1172	-1163	-946
MSEDCL DEMAND MET	18540	18124	15945	13201
Load Shedding	0	0	0	0
MSEDCL DEMAND	18540	18124	15945	13201
TPCL GENERATION	1001	999	1116	604
AEML GENERATION	499	498	282	281
MUMBAI DEMAND	2672	2669	2561	1831
STATE DEMAND MET	21212	20793	18506	15032
STATE DEMAND	21212	20793	18506	15032
Frequency (Hz)	50.04	50.00	50.03	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 05.02 Hrs	49.81 Hz at 23.06 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 17/Nov/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	11.63	187.37	586	367
Unit 9	10.95	149.94	530	375
Unit 10	0.00	71.95	0	0
Total	22.58	409.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.70	155.68	495	280
Unit 5	9.76	135.24	500	280
Total	19.47	290.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	8.84	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.05	80.04	250	192
Total	5.05	88.89		
Chandrapur				
Unit 3	3.85	63.74	170	120
Unit 4	3.71	60.94	160	140
Unit 5	9.33	149.75	423	275
Unit 6	9.12	152.68	420	285
Unit 7	0.00	0.00	0	0
Unit 8	10.58	146.93	480	280
Unit 9	10.74	185.16	485	275
Total	47.32	759.20		
Paras				
Unit 3	0.00	81.45	0	0
Unit 4	5.39	80.46	249	172
Total	5.39	161.91		
Khaparkheda				
Unit 1	3.62	59.71	170	130
Unit 2	3.74	64.78	180	140
Unit 3	3.60	52.17	180	54
Unit 4	4.02	66.65	185	140
Unit 5	9.44	130.63	425	330
Total	24.42	373.95		
Nasik				
Unit 3	3.03	22.63	138	115
Unit 4	3.12	55.92	150	121
Unit 5	0.00	0.00	0	0
Total	6.15	78.55		
Uran				
All Units	6.50	112.45	289	252
Total	6.50	112.45		
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	2.60	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.60		
Koyna				
Stage 1-2	1.26	48.06	145	40
Stage 4	0.00	13.68	0	0
Stage 3	0.33	14.36	80	0
Total	1.59	76.11		
Hydro				
KDPH	0.44	1.90	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.06	2.74	40	0
RNGR+BHTSA	0.32	5.85	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.11	0.64	5	4
GHATGHAR	0.12	11.92	110	0
Total	1.06	24.10		
Wind				
Total	13.00	221.61	0	0
Total	13.00	221.61		
CPP				
APML(Mus)	65.79	1030.00	0	0
JSWEL(Mus)	18.75	298.64	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.04	122.68	0	0
Other(Mus)	14.15	234.80	0	0
Total	105.73	1686.12		
SOLAR				
Total	6.60	112.87	0	0
Total	6.60	112.87		
Tata				
Trombay 5	9.59	157.04	462	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	47.14	117	115
Trombay 7B	1.59	26.72	67	66
Trombay 8	3.97	81.03	232	0
TATA Hydro	3.13	46.02	358	2
Total	21.08	357.95		
AEML				
DTPS U-1&2	8.81	129.38	500	281
Total	8.81	129.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.38	2162.68	MSPGCL Total	139.52	2375.34
			MSPGCL Thml+Gas	136.88	2275.13	Koyna 1,2 & 4 Total	1.26	61.75
			MSPGCL Hydro	2.64	100.21	State Total	294.73	4883.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Nov/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	4337	92	288	4717	590	3939	0	0	5316	4964	-1159	13051	0	13051	2068	15119	50.00
2	4370	77	269	4716	633	3995	0	0	5376	4816	-1031	13129	0	13129	1930	15059	49.97
3	4257	87	278	4622	504	3987	0	0	5276	5034	-946	13201	0	13201	1831	15032	49.96
4	4261	82	279	4622	506	4014	0	0	5244	5050	-860	13332	0	13332	1744	15076	49.98
5	4464	87	279	4830	471	3989	0	0	5285	5602	-846	14046	0	14046	1732	15778	49.95
6	5521	82	270	5873	431	4053	0	0	5284	5255	-868	14744	0	14744	1768	16512	50.03
7	5923	82	289	6294	410	4512	0	7	5789	5323	-532	16014	0	16014	1823	17837	50.02
8	5952	77	280	6309	418	4958	0	170	5835	5772	-527	17100	0	17100	1905	19005	50.02
9	6010	82	268	6360	388	4985	0	464	6085	6370	-986	17581	0	17581	2101	19682	49.97
10	5977	87	287	6351	463	4961	0	773	6489	6367	-1276	17639	0	17639	2362	20001	49.99
11	5953	212	265	6430	728	4707	0	921	6739	6781	-1167	18400	0	18400	2571	20971	50.03
12	5935	241	255	6431	864	4651	0	1004	6920	6762	-1172	18540	0	18540	2672	21212	50.04
13	5913	76	253	6242	866	4414	0	910	6969	6864	-1172	18124	0	18124	2669	20793	50.00
14	5898	81	264	6243	752	4372	0	823	6787	6881	-1131	17940	0	17940	2607	20547	50.03
15	5930	121	252	6303	688	4481	0	734	6845	6804	-1186	17824	0	17824	2637	20461	49.98
16	5953	101	264	6318	582	4918	0	523	6629	6465	-1120	17686	0	17686	2644	20330	49.99
17	6005	76	255	6336	429	4997	0	239	6328	6233	-960	17274	0	17274	2593	19867	49.99
18	5960	81	266	6307	336	5021	0	27	5744	5753	-939	16505	0	16505	2511	19016	50.02
19	5988	92	277	6357	359	4678	0	0	5842	5714	-1163	15945	0	15945	2561	18506	50.03
20	5763	161	267	6191	407	4186	0	0	5952	5792	-1127	15449	0	15449	2521	17970	50.00
21	5057	156	278	5491	411	4013	0	0	5676	5757	-1066	14606	0	14606	2423	17029	50.01
22	4992	161	267	5420	484	3991	0	0	5677	5825	-1066	14654	0	14654	2338	16992	49.99
23	4999	161	278	5438	572	3951	0	0	5726	5748	-1154	14555	0	14555	2284	16839	50.00
24	4967	89	268	5324	706	3955	0	0	5760	5337	-1180	14142	0	14142	2227	16369	49.95
MUs	130.38	2.64	6.50	139.52	13.00	105.73	0.00	6.60	143.57	141.27	-24.63	381.48	0.00	381.48	54.52	436.00	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 17/Nov/2020

Position as on 6.30 Hrs of 18/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
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	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	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	02/11/2020	23.28		Continued.	Excess DM water consumption.	
MSPGCL	Paras Unit 3	250	16/11/2020	03.20	18/11/2020	16.20	Boiler Tube Leakage	
TPC_G	Trombay 8	250	17/11/2020	21.50	18/11/2020	19.04	Steam Leakage Attending Work.	
MSPGCL	Koradi Unit-8	660	18/11/2020	19.47		Continued.	Generator Protection Operated.	

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

Statement-VII

Position as on 6.30 Hrs of 18/Nov/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 at Chandrapur end
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
Akola Aurangabad(PG) I	InterState	29/10/2020	15.08	17/11/2020	23.17	PO	Breaker Replacement Work By PGCIL.
Dhule Sar'Sarovar I	InterState	10/11/2020	18.08	17/11/2020	09.47	HT	Over Voltage
Dhule Khandwa II	InterState	15/11/2020	20.31	17/11/2020	06.23	HT	Over Voltage
Akola Wardha I	InterState	17/11/2020	07.50	17/11/2020	21.29	PO	Replacement of Insulator.
Dabhol Nagothane I	InterState	17/11/2020	15.08		Continued.	EO	Jumper Of WT Broken At Dabhol End. 18/11/2020 (RFC 23:35).
Dhule Sar'Sarovar II	InterState	17/11/2020	17.33		Continued.	HT	Over Voltage
Akola Wardha li	InterState	18/11/2020	06.48	18/11/2020	18.58	PO	For Replacement Of Porcelain Insulator With Polymer Insulator.
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 - I	IntraState	14/11/2020	02.25	17/11/2020	09.51	HT	Over Voltage
karad -kolhapur-I	IntraState	14/11/2020	18.06	17/11/2020	09.21	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	14/11/2020	18.24	17/11/2020	09.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/11/2020	18.47	17/11/2020	08.55	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	16/11/2020	22.22	17/11/2020	09.43	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/11/2020	22.26	17/11/2020	08.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/11/2020	18.07	18/11/2020	08.08	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	17/11/2020	23.08	18/11/2020	08.04	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/11/2020	23.40	18/11/2020	08.14	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	18/11/2020	09.38	18/11/2020	17.23	PO	Line Maintenance work
Bhusawal-Aurangabad	IntraState	18/11/2020	18.19		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	18/11/2020	19.54		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
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	18/11/2020	08.58		Continued.	PO	Quarterly Maintenance Work
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	18/11/2020	12.10	18/11/2020	14.37	EO	To Attend Y Phase Unit Oil Leakage.
400/220kv 315 Mva ICT III @Karad	IntraState	18/11/2020	14.23	18/11/2020	16.36	EO	Attending Hot Spot On Isolator.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	18/11/2020	19.25		Continued.	PO	Bursting Of HV Side R-Phase Bushing.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Tillari Amona	InterState	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work 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 17/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							220 kv Tillari Switch yard.
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/11/2020	17.19		Continued.	HT	Outage at Navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable 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
Tata Borivli MSETCL Borivli 4	IntraState	10/11/2020	10.04		Continued.	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivali end)Chagred through TBC at Borivali(MSETCL) End
Kharepatan -Pawas Line	IntraState	17/11/2020	08.10	17/11/2020	10.50	PO	Diagnostic testing work
TPC Borivali Aarey Line 1	IntraState	17/11/2020	09.50	17/11/2020	17.48	PO	Annual maintenance of Bay equipment.
Baramati - Kurkumbh	IntraState	17/11/2020	11.08	17/11/2020	15.35	PO	CC & WT removing work
Nanded-Ghatodi	IntraState	17/11/2020	11.59	17/11/2020	12.57	HT	Emergency outage On 220KV Kumbhargaoon-Waghala Ckt-2.
Oni Kharepatan Line	IntraState	17/11/2020	12.03	17/11/2020	15.50	PO	To attend Hot Spot
Warora - Warora Rly Tss 2	IntraState	17/11/2020	12.10	17/11/2020	17.51	PO	To Take AMR Panel In Service.
Nanded-Nanded(Waghale) II	IntraState	17/11/2020	12.28	17/11/2020	14.24	EO	To attend Hot Spot
Chakan-Mahindra Vehicle	IntraState	17/11/2020	15.54	17/11/2020	18.44	PO	Connection of Jumper to outgoing isolator
Kalwa - Colourchem	IntraState	18/11/2020	06.49	18/11/2020	08.46	EO	Attending Hot Spot
Pedhambe - Oni	IntraState	18/11/2020	08.11	18/11/2020	19.47	PO	Cold Washing Of Insulator string
Osmanabad - Barshi	IntraState	18/11/2020	09.32	18/11/2020	17.46	PO	Bus Outage At Barshi.
Kanhan-Suryalakshmi	IntraState	18/11/2020	09.56	18/11/2020	18.19	PO	Testing Work
Uran - Hoc 1	IntraState	18/11/2020	10.10	18/11/2020	20.14	EO	Attending Hot Spot
Pirangut - Hinjawadi 2	IntraState	18/11/2020	10.29	18/11/2020	14.40	PO	To Replace Flash Over Inulator String
Nagothane-Wadkhal II	IntraState	18/11/2020	11.10	18/11/2020	17.30	PO	Repairing Of Damaged Middle Phase Conductor
Nanded - Parli Ext. Ckt I	IntraState	18/11/2020	11.34	18/11/2020	18.23	PO	220 KV Y-phase & B-Phase Ct Replacement Work. Ratio 1200/1A.
220 KV ICT Outages/Trippings							
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	18/11/2020	08.11	18/11/2020	13.08	PO	For HV & LV CBs CRM& Timing Tests.These Activities Comes Under Rapid Task Force.
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	18/11/2020	13.12	18/11/2020	16.56	PO	For HV & LV CBs CRM& Timing Tests.

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