

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Nov/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.366	2445.151	1) Gujrat	-0.090	16.593
2) Hydro	10.616	118.365	2) Madhya Pradesh	4.862	103.133
3) Gas	6.477	125.362	3) Chattisgarh	7.610	131.930
Total MSPGCL	159.459	2688.878	4) Maharashtra	136.526	2413.445
B) 1) APMIL	69.591	1168.685	5) Goa (Amona)	-1.518	-23.925
2) JSWEL	19.296	336.259	Total	147.390	2641.176
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.389	393.596
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.817	438.767
5) WPCL	7.808	138.225	c) MSEDCL Bilateral *	31.815	545.197
6) Other IPP	16.381	267.291	Include PX	1.802	9.803
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.389	393.596
C) 1) TPCL Thermal	14.072	263.808	Include PX	13.456	238.531
2) TPCL Hydro	3.384	54.886	Standby	0.000	0.000
3) TPCL Gas	4.404	82.645	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.310	148.578	1) MSEDCL	411.981	7168.688
D) STATE			2) Mumbai Discoms	54.987	988.683
1) Thermal	278.824	4767.997	TOTAL STATE	466.968	8157.371
(A1+C1+C4+(B1-B6))					
2) Hydro	14.000	173.251			
(A2+C2)					
3) Gas	10.881	208.007			
(A3+B7+C3)					
4) Wind	10.877	242.942			
6) SOLAR	4.996	123.999			
TOTAL STATE	319.578	5516.196			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6199	6167	6166	5649
MSPGCL Hydro	897	744	371	70
MSPGCL Gas	254	263	267	279
MSPGCL Total Generation	7350	7174	6804	5998
Central Sector Receipt	7835	7695	5527	5449
WIND	253	211	390	535
CPP / IPP Thermal	5020	4989	5022	4111
CPP / IPP Gas	0	0	0	0
SOLAR	739	705	0	0
Exchange with Mumbai	-1192	-1086	-1001	-906
MSEDCL DEMAND MET	20005	19688	16742	15187
Load Shedding	0	0	0	0
MSEDCL DEMAND	20005	19688	16742	15187
TPCL GENERATION	1054	1062	1169	605
AEML GENERATION	500	500	388	283
MUMBAI DEMAND	2746	2648	2558	1794
STATE DEMAND MET	22751	22336	19300	16981
STATE DEMAND	22751	22336	19300	16981
Frequency (Hz)	50.04	50.02	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.00 Hrs	49.82 Hz at 16.23 Hrs	49.99	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 19/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	10.39	209.89	563	0
Unit 9	12.60	175.58	550	373
Unit 10	0.00	71.95	0	0
Total	22.99	457.43		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.36	175.82	495	285
Unit 5	10.92	156.08	500	280
Total	21.28	331.90		
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	5.36	90.81	250	200
Total	5.36	99.66		
Chandrapur				
Unit 3	4.12	72.06	177	161
Unit 4	3.82	68.59	162	155
Unit 5	10.20	170.13	440	410
Unit 6	9.95	172.34	425	403
Unit 7	0.00	0.00	0	0
Unit 8	10.91	168.95	470	445
Unit 9	10.95	207.46	470	445
Total	49.96	859.54		
Paras				
Unit 3	3.94	86.46	242	115
Unit 4	5.79	91.25	252	224
Total	9.74	177.72		
Khaparkheda				
Unit 1	3.74	67.14	170	140
Unit 2	3.90	72.60	170	140
Unit 3	4.18	60.50	200	129
Unit 4	4.31	75.20	185	140
Unit 5	10.02	151.05	440	390
Total	26.15	426.48		
Nasik				
Unit 3	3.38	29.21	188	123
Unit 4	3.51	63.21	199	123
Unit 5	0.00	0.00	0	0
Total	6.89	92.42		
Uran				
All Units	6.48	125.36	279	253
Total	6.48	125.36		
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	3.64	55.20	515	45
Stage 4	3.80	18.52	606	0
Stage 3	1.50	16.99	160	0
Total	8.94	90.71		
Hydro				
KDPH	0.00	2.05	0	0
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.	0.24	3.10	40	0
RNGR+BHTSA	0.34	6.53	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.12	0.89	5	4
GHATGHAR	0.98	14.06	250	0
Total	1.68	27.65		
Wind				
Total	10.88	242.94	0	0
Total	10.88	242.94		
CPP				
APML(Mus)	69.59	1168.68	0	0
JSWEL(Mus)	19.30	336.26	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.81	138.22	0	0
Other(Mus)	16.38	267.29	0	0
Total	113.08	1910.46		
SOLAR				
Total	5.00	124.00	0	0
Total	5.00	124.00		
Tata				
Trombay 5	9.29	177.28	464	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	52.74	118	116
Trombay 7B	1.60	29.90	67	66
Trombay 8	4.78	86.53	235	138
TATA Hydro	3.38	54.89	348	2
Total	21.86	401.34		
AEML				
DTPS U-1&2	9.31	148.58	500	282
Total	9.31	148.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.37	2445.15	MSPGCL Total	159.46	2688.88
			MSPGCL Thml+Gas	148.84	2570.51	Koyna 1,2 & 4 Total	7.44	73.72
			MSPGCL Hydro	10.62	118.36	State Total	319.58	5516.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5503	65	279	5847	502	4327	0	0	5659	5561	-1028	15209	0	15209	2145	17354	50.01
2	5507	70	268	5845	503	4445	0	0	5632	5414	-985	15222	0	15222	2002	17224	50.01
3	5580	65	278	5923	475	4360	0	0	5703	5457	-977	15238	0	15238	1873	17111	49.99
4	5649	70	279	5998	535	4111	0	0	5596	5449	-906	15187	0	15187	1794	16981	50.00
5	5703	75	279	6057	565	4270	0	0	5595	5681	-879	15694	0	15694	1767	17461	49.98
6	5858	70	269	6197	661	4921	0	0	5710	6035	-933	16881	0	16881	1819	18700	50.00
7	6008	338	279	6625	720	5052	0	5	6285	5805	-872	17335	0	17335	1859	19194	49.99
8	6117	420	279	6816	511	5132	0	150	6253	6294	-610	18293	0	18293	1975	20268	49.99
9	6184	412	267	6863	422	5134	0	413	6327	6512	-740	18604	0	18604	2192	20796	50.00
10	6218	374	267	6859	434	5126	0	612	6764	7023	-1034	19020	0	19020	2456	21476	49.94
11	6152	761	265	7178	293	5022	0	730	7243	7029	-1086	19166	0	19166	2660	21826	50.03
12	6199	897	254	7350	253	5020	0	739	7591	7835	-1192	20005	0	20005	2746	22751	50.04
13	6180	1028	264	7472	247	4955	0	664	7351	7137	-1202	19273	0	19273	2733	22006	50.01
14	6167	744	263	7174	211	4989	0	705	7275	7695	-1086	19688	0	19688	2648	22336	50.02
15	6047	988	253	7288	213	4990	0	520	7350	7002	-1129	18884	0	18884	2654	21538	49.96
16	6079	1360	265	7704	251	4992	0	320	6916	6619	-1064	18822	0	18822	2651	21473	49.99
17	6188	1275	265	7728	213	4984	0	122	6429	6097	-860	18284	0	18284	2583	20867	49.98
18	6159	570	277	7006	268	5050	0	16	5948	5751	-787	17304	0	17304	2509	19813	49.95
19	6166	371	267	6804	390	5022	0	0	5987	5527	-1001	16742	0	16742	2558	19300	49.99
20	6187	269	268	6724	518	4790	0	0	5705	5576	-1085	16523	0	16523	2487	19010	50.01
21	6071	185	268	6524	618	4316	0	0	5429	5271	-1080	15649	0	15649	2361	18010	49.97
22	5674	82	277	6033	671	4069	0	0	5640	5412	-1087	15098	0	15098	2278	17376	50.01
23	5501	64	269	5834	733	4012	0	0	5743	5449	-1098	14930	0	14930	2148	17078	49.98
24	5269	63	278	5610	670	3987	0	0	5829	5759	-1096	14930	0	14930	2089	17019	49.99
MUs	142.37	10.62	6.48	159.46	10.88	113.08	0.00	5.00	149.96	147.39	-23.82	411.98	0.00	411.98	54.99	466.97	49.99

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 19/Nov/2020

Position as on 6.30 Hrs of 20/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	
MSPGCL	Khaparkhedha Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
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	Koradi Unit-8	660	18/11/2020	19.47	19/11/2020	01.55	Generator Protection Operated.	
MSPGCL	Uran Unit 5	108	20/11/2020	00.28		Continued.	Filter Replacement work	
IPP	Adani U-2	660	20/11/2020	06.23		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 20/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
Dabhol Nagothane I	InterState	17/11/2020	15.08	19/11/2020	09.28	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 I	InterState	19/11/2020	07.25	19/11/2020	18.48	PO	Replacement work
Koradi Satpur	InterState	19/11/2020	10.47	19/11/2020	13.15	PO	Replacement work
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).
Bhusawal-Aurangabad	IntraState	18/11/2020	18.19	19/11/2020	07.54	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	18/11/2020	19.54	19/11/2020	08.00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/11/2020	18.19		Continued.	T	Over Voltage
Dhule - Bableshtar - II	IntraState	19/11/2020	20.03		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	19/11/2020	17.26	PO	Quarterly Maintenance Work
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.
400/220/33 Kv 315 Mva Ict 1 @Parali (Girwali)	IntraState	19/11/2020	09.35	19/11/2020	20.55	PO	Testing Work
400/220 KV 500MVA ICT II @ Nanded	IntraState	19/11/2020	12.47	19/11/2020	20.28	PO	Carry out Annual T-dan of bushing & winding under rapid task force work
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	19/11/2020	16.15	19/11/2020	18.24	PO	Dignostic testing work
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 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	19/11/2020	22.07	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivali end)Chagred through TBC at Borivali(MSETCL) End
Pedhambe - Oni	IntraState	19/11/2020	08.25	19/11/2020	18.38	PO	Cold washing Insulator Strings from Loc nos 0-100

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 19/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 20/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Vankuswade - Kdph	IntraState	19/11/2020	09.25	19/11/2020	18.15	PO	Routine Maintenance Work
Kandalgaon - ONGC Panvel	IntraState	19/11/2020	09.53	19/11/2020	18.05	PO	Replacement work
Uran - Apta II	IntraState	19/11/2020	10.01	19/11/2020	16.04	PO	Attending Hot Spot
Centuri Enka- Bhosari	IntraState	19/11/2020	10.02	19/11/2020	18.25	PO	AMR project work
Jejuri-Phursungi ckt-1	IntraState	19/11/2020	10.14	19/11/2020	17.07	PO	Fixing of Repair sleeve as conductor damaged in loc no-43 to 44
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bhel Ptr 1 @Mahape	IntraState	19/11/2020	08.36	19/11/2020	19.30	PO	Attending Oil Leakage
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	19/11/2020	09.00	19/11/2020	15.46	PO	Half yearly maintenance work
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	19/11/2020	09.36		Continued.	PO	Painting work
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	19/11/2020	10.00	19/11/2020	14.55	PO	Dignostic Testing work
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	19/11/2020	10.25	19/11/2020	17.10	PO	Attending Oil Leakage
220/22 Kv 50 Mva Vijai Ptr 3 @Mahape	IntraState	20/11/2020	23.45		Continued.	HT	HT due to Low oil level

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