

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Nov/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.155	1808.707	1) Gujrat	3.797	48.345
2) Hydro	3.523	138.667	2) Madhya Pradesh	11.373	135.961
3) Gas	10.173	139.361	3) Chattisgarh	6.740	111.080
Total MSPGCL	139.851	2086.735	4) Maharashtra	108.415	1904.720
B) 1) APLM	68.994	1184.194	5) Goa (Amona)	0.000	-8.052
2) JSWEL	18.490	333.771	Total	130.325	2192.054
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.058	432.655
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	26.411	484.823
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.977	420.325
6) Other IPP	7.394	133.950	Include PX	-1.964	-2.576
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.058	432.655
C) 1) TPCL Thermal	12.248	227.796	Include PX	7.678	150.427
2) TPCL Hydro	0.456	64.865	Standby	0.000	0.000
3) TPCL Gas	4.370	71.483	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.511	168.125	1) MSEDCL	355.612	5712.708
D) STATE			2) Mumbai Discoms	53.996	1017.087
1) Thermal	243.792	3906.520	TOTAL STATE	409.608	6729.795
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	3.979	203.532			
3) Gas (A3+B7+C3)	14.543	210.844			
4) Wind	10.922	124.193			
6) SOLAR	6.047	92.657			
TOTAL STATE	279.283	4537.746			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5228	5263	5653	5126
MSPGCL Hydro	279	251	251	69
MSPGCL Gas	407	403	422	431
MSPGCL Total Generation	5914	5917	6326	5626
Central Sector Receipt	6309	6363	5752	4263
WIND	352	266	315	474
CPP / IPP Thermal	3890	3970	4312	3694
CPP / IPP Gas	0	0	0	0
SOLAR	915	698	0	0
Exchange with Mumbai	-1180	-1165	-1140	-998
MSEDCL DEMAND MET	16200	16049	15565	13059
Load Shedding	0	0	0	0
MSEDCL DEMAND	16200	16049	15565	13059
TPCL GENERATION	678	676	818	672
AEML GENERATION	499	499	499	374
MUMBAI DEMAND	2357	2340	2457	2044
STATE DEMAND MET	18557	18389	18022	15103
STATE DEMAND	18557	18389	18022	15103
Frequency (Hz)	50.01	50.03	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.00 Hrs	49.82 Hz at 20.51 Hrs	50.01	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/2019

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	11.77	185.98	560	460
Unit 9	8.72	190.34	520	0
Unit 10	11.23	162.09	520	440
Total	31.72	538.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.94	158.18	420	345
Unit 5	8.92	159.84	430	355
Total	17.86	318.02		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.88	27.96	242	183
Unit 7	4.94	27.80	248	184
Unit 8	4.74	28.93	209	187
Total	14.56	84.68		
Chandrapur				
Unit 3	4.00	54.48	190	150
Unit 4	0.00	0.00	0	0
Unit 5	8.78	119.83	380	355
Unit 6	9.34	132.24	470	346
Unit 7	0.00	0.00	0	0
Unit 8	9.58	168.06	495	340
Unit 9	9.42	155.61	475	348
Total	41.12	630.23		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	3.88	12.25	190	140
Unit 4	4.10	18.78	208	160
Unit 5	8.92	141.76	430	360
Total	16.91	172.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	59.68	190	150
Unit 5	0.00	4.91	0	0
Total	3.99	64.59		
Uran				
All Units	10.17	139.36	444	403
Total	10.17	139.36		
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)	0.15	5.32	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	5.32		
Koyna				
Stage 1-2	1.79	46.20	170	35
Stage 4	0.00	46.13	0	0
Stage 3	0.54	20.72	80	0
Total	2.33	113.04		
Hydro				
KDPH	0.44	0.67	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	4.88	77	0
RNGR+BHTSA	0.40	4.65	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	4.71	0	0
SMLHY_PTN	0.00	3.87	0	0
GHATGHAR	0.21	5.04	125	0
Total	1.19	25.62		
Wind				
Total	10.92	124.19	0	0
Total	10.92	124.19		
CPP				
APML(Mus)	68.99	1184.19	0	0
JSWEL(Mus)	18.49	333.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.39	133.95	0	0
Total	94.88	1701.89		
SOLAR				
Total	6.05	92.66	0	0
Total	6.05	92.66		
Tata				
Trombay 5	7.48	146.84	437	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	45.27	116	114
Trombay 7B	1.59	26.21	67	66
Trombay 8	4.77	80.96	200	197
TATA Hydro	0.46	64.86	124	2
Total	17.07	364.14		
AEML				
DTPS U-1&2	10.51	168.12	501	373
Total	10.51	168.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.16	1808.71	MSPGCL Total	139.85	2086.74
			MSPGCL Thml+Gas	136.33	1948.07	Koyna 1,2 & 4 Total	1.79	92.32
			MSPGCL Hydro	3.52	138.67	State Total	279.28	4537.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/Nov/2019

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	5120	69	430	5619	400	3726	0	0	5034	4766	-1282	13229	0	13229	2334	15563	50.05
2	5101	84	442	5627	418	3736	0	0	4788	4670	-1128	13323	0	13323	2171	15494	50.03
3	5126	69	431	5626	474	3694	0	0	4304	4263	-998	13059	0	13059	2044	15103	49.97
4	5144	74	432	5650	520	3690	0	0	4280	4215	-911	13164	0	13164	1955	15119	49.99
5	5134	179	444	5757	527	3563	0	0	4350	4677	-868	13656	0	13656	1912	15568	50.00
6	5144	79	433	5656	573	3723	0	0	5488	5443	-897	14498	0	14498	1941	16439	49.99
7	5835	69	435	6339	581	4094	0	4	5630	5440	-873	15585	0	15585	1952	17537	50.02
8	5961	70	444	6475	519	4287	0	127	5442	5345	-724	16029	0	16029	1992	18021	49.97
9	5913	70	433	6416	410	4205	0	387	5586	5364	-870	15912	0	15912	2084	17996	50.04
10	5369	75	426	5870	469	4286	0	645	5816	5612	-1053	15829	0	15829	2213	18042	50.02
11	5111	147	411	5669	426	3964	0	796	6166	6233	-1156	15932	0	15932	2313	18245	50.03
12	5228	279	407	5914	352	3890	0	915	6263	6309	-1180	16200	0	16200	2357	18557	50.01
13	5136	294	414	5844	320	3793	0	932	6175	6297	-1173	16013	0	16013	2340	18353	49.98
14	5103	286	403	5792	269	3761	0	828	6058	6128	-1159	15619	0	15619	2325	17944	49.99
15	5263	251	403	5917	266	3970	0	698	6136	6363	-1165	16049	0	16049	2340	18389	50.03
16	5349	221	405	5975	304	4220	0	483	6031	6051	-1147	15886	0	15886	2321	18207	49.98
17	5662	281	406	6349	311	4236	0	210	5589	5489	-1044	15551	0	15551	2288	17839	49.99
18	5832	151	419	6402	301	4286	0	22	5498	5178	-1068	15121	0	15121	2306	17427	50.01
19	5653	251	422	6326	315	4312	0	0	5841	5752	-1140	15565	0	15565	2457	18022	50.04
20	5221	155	414	5790	337	4293	0	0	5903	5819	-1183	15056	0	15056	2470	17526	50.04
21	4713	71	435	5219	530	4018	0	0	5693	5802	-1185	14384	0	14384	2486	16870	50.00
22	4672	146	427	5245	789	3727	0	0	5221	5352	-1372	13741	0	13741	2468	16209	49.99
23	4682	76	428	5186	764	3700	0	0	4903	4993	-1420	13223	0	13223	2465	15688	49.98
24	4683	76	429	5188	747	3704	0	0	4677	4764	-1415	12988	0	12988	2462	15450	50.00
MUs	126.16	3.52	10.17	139.85	10.92	94.88	0.00	6.05	130.87	130.32	-26.41	355.61	0.00	355.61	54.00	409.61	50.01

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/2019

Position as on 6.30 Hrs of 18/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
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	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkhedda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16	18/11/2019	13.10	Excessive Consumption of Hydrogen Cylinder.	
MSPGCL	Nasik Unit 5	210	02/11/2019	10.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 19.05Hrs DT.03-11-2019)	
MSPGCL	Uran Unit 8	108	06/11/2019	19.23		Continued.	Turbine Vibration	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Nov/2019

Position as on 6.30 Hrs of 18/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	JSW (J) U3	300	10/11/2019	18.16		Continued.	Zero schedule.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koradi Unit 9	660	17/11/2019	19.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 18/Nov/2019

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
Dhule Sar'Sarovar II	InterState	16/11/2019	17.58	18/11/2019	09.32	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/11/2019	20.38		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07	18/11/2019	18.31	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	15/11/2019	23.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/11/2019	17.30	18/11/2019	07.23	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	18/11/2019	07.58	18/11/2019	19.55	PO	Faulty Disk Replacement Work
Koradi 2-IEPL	IntraState	18/11/2019	11.24	18/11/2019	19.05	PO	Routine Maintenance Work
Girwali- Lonikand 2	IntraState	18/11/2019	16.59	18/11/2019	20.03	PO	Take Reactor in Service
Khadka-Aurangabad (Waluj)	IntraState	18/11/2019	22.00		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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	17/11/2019	09.36	17/11/2019	17.20	PO	Attending Oil Leakage
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	18/11/2019	09.02	18/11/2019	19.25	PO	Tree Cutting Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Boisar(MS) - Boisar (PG) II	InterState	17/11/2019	09.08	17/11/2019	20.10	PO	Construction work
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Mulund	IntraState	16/11/2019	19.59		Continued.	PO	Piling work At LOC 5 Completed.
Nalasopara-Boisar	IntraState	17/11/2019	07.48	17/11/2019	19.10	PO	Stringing of Earthwire
Boisar Versova Line	IntraState	17/11/2019	09.30	17/11/2019	20.26	HT	To control Load
Nagothane-Wadkhal-I	IntraState	18/11/2019	09.15	18/11/2019	19.25	PO	Line Maintenance work
Mahape - TIFIL	IntraState	18/11/2019	09.35	18/11/2019	17.06	PO	OPGW Work
Dasturi-Kandalgaon Line	IntraState	18/11/2019	09.45	18/11/2019	18.55	PO	Annual Maintenance Work
Karad(400kv) -Nigade	IntraState	18/11/2019	09.58		Continued.	PO	Routine Maintenance Work
Kharghar-Borivali ckt II	IntraState	18/11/2019	10.03	18/11/2019	17.39	PO	OPGW Work
Niwali - Pawas Line	IntraState	18/11/2019	11.00	18/11/2019	17.35	PO	Testing Work
Koradi-Khaperkheda	IntraState	18/11/2019	11.12		Continued.	HT	Over Voltage
Uran - Ongc Uran	IntraState	18/11/2019	12.15	18/11/2019	18.03	T	Line Tripped Due to PDR Operated at ONGC End
CHAKAN (400 KV)- Chinchwad2	IntraState	18/11/2019	12.26	18/11/2019	19.05	PO	Replacement work
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	17/11/2019	01.08	17/11/2019	11.44	HT	All Lamp on CTR panel are Blink
220/33 Kv 50 Mva Emco Ptr 1 @Kharghar	IntraState	18/11/2019	09.12	18/11/2019	18.35	PO	Routine Maintenance Work
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	18/11/2019	10.10	18/11/2019	15.10	PO	Routine Maintenance Work

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