

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Nov/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.226	1929.933	1) Gujrat	4.784	53.129
2) Hydro	7.331	145.998	2) Madhya Pradesh	11.448	147.409
3) Gas	10.259	149.620	3) Chattisgarh	7.120	118.200
Total MSPGCL	138.816	2225.551	4) Maharashtra	115.836	2020.556
B) 1) APML	71.422	1255.616	5) Goa (Amona)	-0.660	-8.712
2) JSWEL	19.222	352.993	Total	138.528	2330.582
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.395	460.050
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	30.293	515.116
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.690	446.015
6) Other IPP	8.097	142.047	Include PX	-1.376	-3.953
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.395	460.050
C) 1) TPCL Thermal	13.271	241.067	Include PX	7.393	157.820
2) TPCL Hydro	4.166	69.031	Standby	0.000	0.000
3) TPCL Gas	4.351	75.834	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.846	177.971	1) MSEDCL	363.013	6075.721
D) STATE			2) Mumbai Discoms	61.927	1079.014
1) Thermal	243.084	4149.604	TOTAL STATE	424.940	7154.735
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.497	215.029			
3) Gas (A3+B7+C3)	14.610	225.454			
4) Wind	11.368	135.561			
6) SOLAR	5.853	98.510			
TOTAL STATE	286.412	4824.158			

* 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	5134	5273	5474	4678
MSPGCL Hydro	208	366	613	70
MSPGCL Gas	409	406	425	432
MSPGCL Total Generation	5750	6044	6512	5180
Central Sector Receipt	6872	7013	6218	4322
WIND	628	361	315	600
CPP / IPP Thermal	4308	4310	4379	3707
CPP / IPP Gas	0	0	0	0
SOLAR	857	670	0	0
Exchange with Mumbai	-1762	-1743	-1243	-938
MSEDCL DEMAND MET	16654	16656	16181	12870
Load Shedding	0	0	0	0
MSEDCL DEMAND	16654	16656	16181	12870
TPCL GENERATION	964	877	1232	666
AEML GENERATION	373	374	501	374
MUMBAI DEMAND	3099	2994	2976	1978
STATE DEMAND MET	19752	19650	19157	14848
STATE DEMAND	19752	19650	19157	14848
Frequency (Hz)	50.02	50.01	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13:03 Hrs	49.65 Hz at 06:21 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 18/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	11.66	197.64	547	393
Unit 9	0.00	190.34	0	0
Unit 10	11.50	173.60	505	439
Total	23.16	561.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.14	167.32	460	350
Unit 5	9.40	169.25	500	350
Total	18.55	336.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.09	33.05	245	190
Unit 7	4.96	32.76	248	155
Unit 8	5.05	33.98	223	199
Total	15.10	99.78		
Chandrapur				
Unit 3	3.81	58.29	185	134
Unit 4	0.73	0.73	132	0
Unit 5	8.69	128.52	375	350
Unit 6	9.65	141.90	460	360
Unit 7	0.00	0.00	0	0
Unit 8	10.12	178.18	500	360
Unit 9	9.88	165.49	475	360
Total	42.88	673.10		
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	4.02	16.26	180	160
Unit 4	4.05	22.83	190	160
Unit 5	9.28	151.03	420	363
Total	17.34	190.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.19	63.88	194	160
Unit 5	0.00	4.91	0	0
Total	4.19	68.78		
Uran				
All Units	10.26	149.62	448	405
Total	10.26	149.62		
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)	0.06	5.38	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	5.38		
Koyna				
Stage 1-2	3.35	49.54	440	35
Stage 4	1.97	48.10	473	0
Stage 3	0.93	21.65	160	0
Total	6.24	119.29		
Hydro				
KDPH	0.34	1.01	19	0
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.	0.21	5.09	77	0
RNGR+BHTSA	0.40	5.05	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	0.14	5.18	87	0
Total	1.09	26.71		
Wind				
Total	11.37	135.56	0	0
Total	11.37	135.56		
CPP				
APML(Mus)	71.42	1255.62	0	0
JSWEL(Mus)	19.22	352.99	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)	8.10	142.05	0	0
Total	98.74	1800.63		
SOLAR				
Total	5.85	98.51	0	0
Total	5.85	98.51		
Tata				
Trombay 5	8.50	155.34	482	283
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	48.04	116	105
Trombay 7B	1.58	27.79	67	63
Trombay 8	4.77	85.73	200	196
TATA Hydro	4.17	69.03	399	0
Total	21.79	385.93		
AEML				
DTPS U-1&2	9.85	177.97	501	372
Total	9.85	177.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.23	1929.93	MSPGCL Total	138.82	2225.55
			MSPGCL Thml+Gas	131.48	2079.55	Koyna 1,2 & 4 Total	5.32	97.64
			MSPGCL Hydro	7.33	146.00	State Total	286.41	4824.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4695	70	439	5204	723	3734	0	0	4862	4407	-1261	12806	0	12806	2306	15112	49.99
2	4697	70	432	5198	639	3751	0	0	4262	4403	-1073	12918	0	12918	2114	15032	49.97
3	4678	70	432	5180	600	3707	0	0	4085	4322	-938	12870	0	12870	1978	14848	50.00
4	4684	160	444	5288	595	3745	0	0	4280	4275	-853	13050	0	13050	1886	14936	49.99
5	4714	144	436	5294	593	3841	0	0	4365	4541	-837	13432	0	13432	1860	15292	49.95
6	4915	124	435	5474	586	4213	0	0	5077	5332	-902	14704	0	14704	1938	16642	49.95
7	5210	776	426	6412	493	4355	0	9	5576	5480	-947	15802	0	15802	2091	17894	49.85
8	5312	1022	448	6782	578	4331	0	134	5524	5809	-813	16822	0	16822	2233	19054	49.99
9	5400	700	443	6544	423	4337	0	399	5794	5815	-981	16536	0	16536	2514	19050	50.03
10	5218	234	428	5880	562	4310	0	623	6126	6142	-1151	16366	0	16366	2831	19196	50.02
11	4777	204	413	5394	607	4312	0	767	6664	6814	-1580	16314	0	16314	3036	19350	50.01
12	5134	208	409	5750	628	4308	0	857	7005	6872	-1762	16654	0	16654	3099	19752	50.02
13	4806	70	405	5282	550	4317	0	864	6969	7049	-1823	16238	0	16238	3041	19280	49.94
14	4811	150	416	5378	428	4307	0	856	6818	6999	-1717	16250	0	16250	2947	19198	49.99
15	5273	366	406	6044	361	4310	0	670	6911	7013	-1743	16656	0	16656	2994	19650	50.01
16	5328	340	416	6084	284	4331	0	447	6659	6671	-1450	16368	0	16368	3038	19406	49.91
17	5434	656	418	6508	217	4317	0	199	6242	6274	-1290	16225	0	16225	3037	19262	49.99
18	5531	372	412	6314	253	4346	0	28	6084	6184	-1222	15904	0	15904	2972	18876	50.01
19	5474	613	425	6512	315	4379	0	0	6132	6218	-1243	16181	0	16181	2976	19157	50.03
20	5461	219	436	6116	384	4312	0	0	6161	5872	-1327	15357	0	15357	2847	18204	50.02
21	5248	132	431	5811	380	4028	0	0	5841	5792	-1362	14649	0	14649	2702	17351	50.03
22	4835	287	432	5554	333	3737	0	0	5487	5685	-1347	13962	0	13962	2570	16532	50.00
23	4802	227	433	5462	379	3693	0	0	5423	5433	-1367	13600	0	13600	2489	16089	49.97
24	4789	117	444	5350	457	3720	0	0	5175	5127	-1304	13350	0	13350	2428	15778	49.99
MUs	121.23	7.33	10.26	138.82	11.37	98.74	0.00	5.85	137.52	138.53	-30.29	363.01	0.00	363.01	61.93	424.94	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 18/Nov/2019

Position as on 6.30 Hrs of 19/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	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda 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 18/Nov/2019

Position as on 6.30 Hrs of 19/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	
MSPGCL	Khaparkheda Unit 4	210	19/11/2019	16.47	19/11/2019	18.07	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 19/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
Dhule(MS)- Dhule(BDTCL) -1	InterState	19/11/2019	10.03		Continued.	PO	Routine Maintenance work(RFC at 20.05Hrs)
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	19/11/2019	09.10	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	19/11/2019	09.00	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	19/11/2019	06.01		Continued.	PO	Replacement of CVT In R-Phase, CB DCRM, Timing, Mechanism Timing.
Khadka-Aurangabad (Waluj)	IntraState	19/11/2019	20.27		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 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	18/11/2019	09.02	18/11/2019	19.25	PO	Tree Cutting Work
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	19/11/2019	07.42	19/11/2019	23.19	PO	Single ro twin conductor conversion 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 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.
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	19/11/2019	17.33	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
Nagothane-Wadkhal-I	IntraState	19/11/2019	08.33	19/11/2019	19.19	PO	Replacement of Conductor
Koradi-Ambazari-I	IntraState	19/11/2019	08.48	19/11/2019	17.36	PO	Disc Replacement work
Miraj-Ichalkaranji I	IntraState	19/11/2019	08.58	19/11/2019	16.55	PO	Stringing of 220KV Miraj Tilwani Ckt-II
Mahad-Kandalgaon	IntraState	19/11/2019	09.00	19/11/2019	20.30	PO	Flashover Insulator string replacement
Pedambe-Pophali	IntraState	19/11/2019	09.35	19/11/2019	10.50	EO	To attend CT Oil Leakage
Satara (MIDC)-Ajinkyatara	IntraState	19/11/2019	10.07	19/11/2019	14.32	PO	Tan Delta Measurment of CTs

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 18/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Hinganghat - Bhugaon	IntraState	19/11/2019	10.27	19/11/2019	17.14	PO	Routine Maintenance Work
Aurangabad PG (Chitepimpalgaon)-Shedra I	IntraState	19/11/2019	10.59	19/11/2019	16.54	PO	Line Maintenance work
Pusad - Hingoli	IntraState	19/11/2019	11.42	19/11/2019	14.32	PO	Pilot Insulator String at Tap line
Paras-Chikhali Ckt No-I	IntraState	19/11/2019	11.45	19/11/2019	11.57	HT	To Facilitate outage of Akola ICT
Paras-Chikhali Ckt No-II	IntraState	19/11/2019	11.46	19/11/2019	11.58	HT	To Facilitate outage of Akola ICT
Raymond - Washala	IntraState	19/11/2019	14.07	19/11/2019	17.28	EO	To attend Hot Spot
satara MIDC- Malharpeth	IntraState	19/11/2019	14.43	19/11/2019	17.01	PO	Quarterly Maintenance Work
Waluj - Chitegaon li	IntraState	19/11/2019	20.39		Continued.	T	Backup Protection
Trombay MSETCL Tie 1	IntraState	19/11/2019	21.32		Continued.	PO	Strengthening of RCC Beam alongwith Bus Section-III at Trombay
220 KV ICT Outages/Trippings							
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
220/100 Kv 100 Mva Emco lct 1 @Tambati	IntraState	19/11/2019	08.50	19/11/2019	18.04	PO	Routine Maintenance Work

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