

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Nov/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.604	1039.143	1) Gujrat	2.600	33.400
2) Hydro	7.791	85.265	2) Madhya Pradesh	10.938	77.311
3) Gas	3.807	91.439	3) Chattisgarh	3.000	75.350
Total MSPGCL	119.202	1215.847	4) Maharashtra	118.960	1226.077
B) 1) APLM	74.367	797.310	5) Goa (Amona)	-0.440	-4.884
2) JSWEL	19.392	220.502	Total	135.058	1407.254
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.812	279.893
4) RPL(AMT)	5.581	49.977	b) Mumbai Drawl	28.492	315.756
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.967	260.634
6) Other IPP	7.947	90.886	Include PX	0.696	-6.343
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.812	279.893
C) 1) TPCL Thermal	13.603	145.634	Include PX	11.251	97.729
2) TPCL Hydro	4.928	43.101	Standby	0.000	0.000
3) TPCL Gas	4.358	45.423	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.110	106.654	1) MSEDCL	344.119	3591.214
D) STATE			2) Mumbai Discoms	61.491	656.563
1) Thermal	238.604	2450.106	TOTAL STATE	405.610	4247.777
(A1+C1+C4+(B1-B6))					
2) Hydro	12.719	128.366			
(A2+C2)					
3) Gas	8.165	136.862			
(A3+B7+C3)					
4) Wind	4.841	66.152			
6) SOLAR	6.223	59.042			
TOTAL STATE	270.552	2840.528			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4403	4862	4699	4038
MSPGCL Hydro	211	176	1517	70
MSPGCL Gas	138	127	141	145
MSPGCL Total Generation	4752	5165	6357	4253
Central Sector Receipt	6643	6228	5855	4463
WIND	236	103	150	320
CPP / IPP Thermal	4560	4707	4740	3958
CPP / IPP Gas	0	0	0	0
SOLAR	947	462	0	0
Exchange with Mumbai	-1770	-1465	-1241	-736
MSEDCL DEMAND MET	15368	15200	15861	12258
Load Shedding	0	0	0	0
MSEDCL DEMAND	15368	15200	15861	12258
TPCL GENERATION	977	1166	1242	690
AEML GENERATION	374	425	501	375
MUMBAI DEMAND	3121	3056	2984	1801
STATE DEMAND MET	18489	18256	18845	14059
STATE DEMAND	18489	18256	18845	14059
Frequency (Hz)	50.03	49.97	50.06	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06:01 Hrs	49.85 Hz at 15:27 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 11/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	11.44	117.51	520	430
Unit 9	11.34	123.08	510	420
Unit 10	9.64	97.16	495	300
Total	32.43	337.76		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.88	101.85	485	360
Unit 5	9.64	102.98	455	355
Total	19.52	204.83		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.04	29.76	180	130
Unit 4	0.00	0.00	0	0
Unit 5	8.81	66.48	380	347
Unit 6	9.45	73.12	450	350
Unit 7	0.00	0.00	0	0
Unit 8	9.98	107.36	500	360
Unit 9	9.32	96.54	446	357
Total	41.59	373.26		
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	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.20	83.47	500	360
Total	10.20	83.47		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.87	34.92	181	146
Unit 5	0.00	4.91	0	0
Total	3.87	39.83		
Uran				
All Units	3.81	91.44	285	126
Total	3.81	91.44		
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)	0.04	4.20	28	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	4.20		
Koyna				
Stage 1-2	2.51	29.02	360	35
Stage 4	2.61	25.04	773	0
Stage 3	1.26	12.50	240	0
Total	6.38	66.56		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.54	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.23	80	0
RNGR+BHTSA	0.05	2.68	15	0
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.51	3.64	22	19
SMLHY_PTN	0.26	3.85	15	2
GHATGHAR	0.35	3.57	125	0
Total	1.41	18.70		
Wind				
Total	4.84	66.15	0	0
Total	4.84	66.15		
CPP				
APML(Mus)	74.37	797.31	0	0
JSWEL(Mus)	19.39	220.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.58	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.95	90.89	0	0
Total	107.29	1158.68		
SOLAR				
Total	6.22	59.04	0	0
Total	6.22	59.04		
Tata				
Trombay 5	8.85	93.34	477	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	28.69	116	115
Trombay 7B	1.58	16.73	67	65
Trombay 8	4.76	52.29	199	197
TATA Hydro	4.93	43.10	435	0
Total	22.89	234.16		
AEML				
DTPS U-1&2	10.11	106.65	501	373
Total	10.11	106.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.60	1039.14	MSPGCL Total	119.20	1215.85
			MSPGCL Thml+Gas	111.41	1130.58	Koyna 1,2 & 4 Total	5.12	54.06
			MSPGCL Hydro	7.79	85.26	State Total	270.55	2840.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4023	69	285	4377	250	3968	0	0	5147	5120	-1126	12589	0	12589	2185	14774	50.04
2	4024	69	284	4377	278	3970	0	0	4876	4660	-938	12347	0	12347	2008	14355	50.03
3	4048	79	139	4266	326	3955	0	0	4471	4527	-822	12252	0	12252	1887	14139	50.02
4	4038	70	145	4253	320	3958	0	0	4561	4463	-736	12258	0	12258	1801	14059	50.01
5	4168	75	135	4378	296	3920	0	0	4904	4861	-729	12726	0	12726	1792	14518	50.01
6	4455	275	136	4866	294	4290	0	0	4963	4910	-798	13562	0	13562	1880	15442	49.99
7	4679	521	137	5337	311	4732	0	15	5095	5199	-735	14859	0	14859	2030	16889	49.99
8	4698	887	146	5731	273	4707	0	166	5248	5278	-808	15347	0	15347	2196	17543	50.00
9	4762	388	135	5285	233	4675	0	408	5537	5638	-942	15297	0	15297	2516	17813	50.01
10	4797	172	133	5102	204	4604	0	677	5889	5906	-1227	15266	0	15266	2836	18102	50.00
11	4428	149	130	4707	202	4550	0	830	6405	6537	-1620	15206	0	15206	3040	18246	50.00
12	4403	211	138	4752	236	4560	0	947	6627	6643	-1770	15368	0	15368	3121	18489	50.03
13	4256	121	127	4504	178	4579	0	935	6647	6650	-1770	15076	0	15076	3061	18137	50.03
14	4226	72	126	4424	155	4528	0	880	6545	6627	-1739	14875	0	14875	2978	17853	49.99
15	4620	92	136	4848	127	4595	0	670	6385	6651	-1715	15176	0	15176	3027	18203	49.99
16	4862	176	127	5165	103	4707	0	462	6127	6228	-1465	15200	0	15200	3056	18256	49.97
17	4745	530	127	5402	89	4646	0	207	5805	5866	-1305	14905	0	14905	3036	17941	49.99
18	4777	788	129	5694	106	4671	0	26	5587	5811	-1230	15078	0	15078	2965	18043	50.02
19	4699	1517	141	6357	150	4740	0	0	5681	5855	-1241	15861	0	15861	2984	18845	50.06
20	4781	898	131	5810	155	4684	0	0	5744	6093	-1120	15622	0	15622	2871	18493	50.06
21	4751	286	139	5176	142	4636	0	0	5466	5677	-1060	14571	0	14571	2743	17314	50.03
22	4754	190	176	5120	138	4587	0	0	5379	5400	-1148	14097	0	14097	2573	16670	50.04
23	4492	80	222	4794	115	4561	0	0	5423	5265	-1249	13486	0	13486	2497	15983	50.01
24	4118	76	283	4477	160	4464	0	0	5258	5193	-1199	13095	0	13095	2408	15503	50.00
MUs	107.60	7.79	3.81	119.20	4.84	107.29	0.00	6.22	133.77	135.06	-28.49	344.12	0.00	344.12	61.49	405.61	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 11/Nov/2019

Position as on 6.30 Hrs of 12/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 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	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	Khaparkheda Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36	12/11/2019	02.58	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Khaparkheda Unit 4	210	22/10/2019	23.52		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 6	250	23/10/2019	03.30	12/11/2019	04.40	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	23/10/2019	17.00	12/11/2019	05.05	Zero Schedule.	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Nov/2019

Position as on 6.30 Hrs of 12/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-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Chandrapur Unit 4	210	31/10/2019	08.16		Continued.	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 7	108	05/11/2019	00.17		Continued.	Internal Inspection	
MSPGCL	Uran Unit B0	120	06/11/2019	03.05		Continued.	Bearing vibration high	
MSPGCL	Uran Unit 8	108	06/11/2019	19.23		Continued.	Turbine Vibration	
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.	
MSPGCL	Uran Unit 5	108	11/11/2019	02.03	11/11/2019	20.38	Damper discrepancy	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	12/11/2019	04.32		Continued.	Damper discrepancy	
MSPGCL	Parli Unit 7	250	12/11/2019	11.00	12/11/2019	13.53	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 12/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	07/11/2019	19.22	11/11/2019	08.30	HT	Over Voltage
Koradi Bhilai	InterState	11/11/2019	09.45	12/11/2019	20.49	PO	Line Maintenance work
Chandrapur II - Dhariwal -I	InterState	11/11/2019	10.29	11/11/2019	23.15	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	11/11/2019	12.18	12/11/2019	08.45	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/11/2019	17.50		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/10/2019	14.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/11/2019	21.58	11/11/2019	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/11/2019	19.58	11/11/2019	08.39	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/11/2019	00.04	11/11/2019	08.54	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/11/2019	17.17	12/11/2019	08.07	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	12/11/2019	08.26	12/11/2019	20.46	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	12/11/2019	17.37		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 500 Mva Ict 3 @Dhule	IntraState	11/11/2019	10.12	11/11/2019	14.22	PO	Routine Maintenance 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)
Ranjangaon-Lonikand	IntraState	31/10/2019	15.29		Continued.	PO	Tower jumps opened.
Trombay - Kalwa	IntraState	08/11/2019	21.01	11/11/2019	07.48	PO	Pilling Work At LOC.NO.19
Khaparkheda-Kalmeshwar	IntraState	11/11/2019	08.50	11/11/2019	10.04	PO	Conversion of SSN TO DSN
Talandage(400kv) - Five Star Midc	IntraState	11/11/2019	09.30	11/11/2019	15.52	PO	Quarterly Maintainance Work
Nadgaonpeth-Amravati	IntraState	11/11/2019	10.04	11/11/2019	16.28	PO	Quarterly Maintainance Work
Karad(400kv) -Nigade	IntraState	11/11/2019	10.07	11/11/2019	15.21	PO	Overhauling of SF6 CB
Chandrapur GCR - Wani	IntraState	11/11/2019	10.20	11/11/2019	14.54	PO	Trimming work
Trombay - Mulund	IntraState	11/11/2019	20.21	12/11/2019	10.34	PO	Construction work
Kadegaon-Miraj	IntraState	12/11/2019	08.45	12/11/2019	20.11	PO	Erection of in line Tower
Karad - Kadegaon	IntraState	12/11/2019	09.15	12/11/2019	18.59	PO	Erection of in line Tower
Warora - Hinganghat	IntraState	12/11/2019	09.21	12/11/2019	19.21	EO	Hanger Pin of SSN hardware of R phase found damaged at Loc.No.330
Mahape - TIFIL	IntraState	12/11/2019	10.15	12/11/2019	20.15	PO	Stringing of OPGW Cable
Belewadi-Nagar Ckt I	IntraState	12/11/2019	10.44	12/11/2019	17.05	PO	Quarterly Maintenance Work
Nanded-Parbhani	IntraState	12/11/2019	12.17	12/11/2019	15.55	PO	R Phase Disc replacement
Tilawani-Talandge-I	IntraState	12/11/2019	16.44	12/11/2019	17.45	PO	Kite Removing work
Trombay - Mulund	IntraState	12/11/2019	20.02		Continued.	PO	Construction work
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	11/11/2019	13.10	11/11/2019	15.23	HT	Preventive Maintance

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 11/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 12/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	11/11/2019	13.25	11/11/2019	15.19	PO	Attending Hot Spot
100 MVA T/F I @ Oglewadi	IntraState	12/11/2019	10.52	12/11/2019	17.42	PO	Routine Maintenance Work
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	12/11/2019	13.00	12/11/2019	13.25	EO	Attending Oil Leakage