

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Nov/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.745	2032.490	1) Gujrat	1.312	15.100
2) Hydro	4.695	97.563	2) Madhya Pradesh	1.241	89.117
3) Gas	6.485	105.957	3) Chattisgarh	7.190	108.890
Total MSPGCL	125.925	2236.010	4) Maharashtra	125.643	2014.085
B) 1) APMIL	55.696	964.208	5) Goa (Amona)	-1.891	-18.896
2) JSWEL	17.322	279.896	Total	133.495	2208.296
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.090	329.861
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.156	366.394
5) WPCL	6.157	115.637	c) MSEDCL Bilateral *	26.931	456.139
6) Other IPP	14.153	220.650	Include PX	0.573	7.028
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.090	329.861
C) 1) TPCL Thermal	10.416	224.517	Include PX	11.415	197.993
2) TPCL Hydro	1.641	42.895	Standby	0.000	0.000
3) TPCL Gas	4.403	69.464	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.769	120.573	1) MSEDCL	349.347	5973.185
D) STATE			2) Mumbai Discoms	48.385	823.842
1) Thermal	225.258	3957.971	TOTAL STATE	397.732	6797.027
(A1+C1+C4+(B1-B6))					
2) Hydro	6.336	140.458			
(A2+C2)					
3) Gas	10.888	175.421			
(A3+B7+C3)					
4) Wind	15.596	208.609			
6) SOLAR	6.159	106.273			
TOTAL STATE	264.237	4588.732			

* 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 2 Hrs
MSPGCL Thermal	5403	5184	4201	4013
MSPGCL Hydro	301	291	325	80
MSPGCL Gas	265	253	277	280
MSPGCL Total Generation	5969	5728	4803	4373
Central Sector Receipt	6169	6149	5983	4583
WIND	673	579	395	834
CPP / IPP Thermal	3928	3967	3992	3632
CPP / IPP Gas	0	0	0	0
SOLAR	998	774	0	0
Exchange with Mumbai	-1042	-1115	-1141	-1006
MSEDCL DEMAND MET	16695	16082	14032	12416
Load Shedding	0	0	0	0
MSEDCL DEMAND	16695	16082	14032	12416
TPCL GENERATION	831	696	803	601
AEML GENERATION	283	283	282	282
MUMBAI DEMAND	2156	2094	2226	1889
STATE DEMAND MET	18851	18176	16258	14305
STATE DEMAND	18851	18176	16258	14305
Frequency (Hz)	50.04	49.99	50.02	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 00.04 Hrs	49.77 Hz at 16.40 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 16/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	10.33	175.74	535	366
Unit 9	10.81	138.99	570	375
Unit 10	0.00	71.95	0	0
Total	21.14	386.68		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	7.82	146.18	480	280
Unit 5	7.78	125.48	485	275
Total	15.60	271.66		
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	4.84	75.00	218	190
Total	4.84	83.84		
Chandrapur				
Unit 3	3.50	59.90	175	120
Unit 4	3.53	57.22	160	135
Unit 5	8.35	140.42	440	275
Unit 6	8.23	143.56	420	272
Unit 7	0.00	0.00	0	0
Unit 8	9.27	136.35	480	275
Unit 9	9.56	174.42	485	279
Total	42.44	711.87		
Paras				
Unit 3	0.23	81.45	132	0
Unit 4	5.35	75.07	254	184
Total	5.58	156.52		
Khaparkheda				
Unit 1	3.52	56.09	162	140
Unit 2	3.64	61.04	175	140
Unit 3	0.01	48.58	7	0
Unit 4	3.73	62.63	185	139
Unit 5	9.11	121.20	460	315
Total	20.01	349.53		
Nasik				
Unit 3	1.96	19.60	132	0
Unit 4	3.17	52.80	147	127
Unit 5	0.00	0.00	0	0
Total	5.12	72.40		
Uran				
All Units	6.48	105.96	290	253
Total	6.48	105.96		
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)	0.08	2.60	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.60		
Koyna				
Stage 1-2	2.39	46.81	290	40
Stage 4	0.00	13.68	0	0
Stage 3	0.69	14.03	80	0
Total	3.08	74.52		
Hydro				
KDPH	0.43	1.46	18	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	2.68	40	0
RNGR+BHTSA	0.33	5.52	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.09	0.54	4	3
GHATGHAR	0.71	11.80	125	0
Total	1.62	23.04		
Wind				
Total	15.60	208.61	0	0
Total	15.60	208.61		
CPP				
APML(Mus)	55.70	964.21	0	0
JSWEL(Mus)	17.32	279.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.16	115.64	0	0
Other(Mus)	14.15	220.65	0	0
Total	93.33	1580.39		
SOLAR				
Total	6.16	106.27	0	0
Total	6.16	106.27		
Tata				
Trombay 5	6.83	147.45	377	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	44.34	119	115
Trombay 7B	1.60	25.12	68	66
Trombay 8	3.58	77.07	233	134
TATA Hydro	1.64	42.90	294	2
Total	16.46	336.88		
AEML				
DTPS U-1&2	6.77	120.57	283	281
Total	6.77	120.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.74	2032.49	MSPGCL Total	125.92	2236.01
			MSPGCL Thml+Gas	121.23	2138.45	Koyna 1,2 & 4 Total	2.39	60.50
			MSPGCL Hydro	4.70	97.56	State Total	264.24	4588.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	3934	80	269	4283	836	3393	0	0	4985	5242	-1134	12620	0	12620	2012	14632	50.03
2	4013	80	280	4373	834	3632	0	0	5218	4583	-1006	12416	0	12416	1889	14305	49.97
3	4081	80	269	4430	839	3442	0	0	5281	4779	-905	12585	0	12585	1788	14373	50.02
4	3982	80	279	4341	794	3280	0	0	5251	5113	-834	12694	0	12694	1714	14408	50.02
5	4125	85	280	4490	866	3533	0	0	5232	5355	-830	13414	0	13414	1711	15125	50.00
6	5149	75	290	5514	883	3914	0	0	5368	5114	-860	14565	0	14565	1743	16308	50.02
7	5676	85	271	6032	845	4046	0	8	5600	5606	-873	15664	0	15664	1756	17420	50.03
8	5744	132	290	6166	776	4347	0	179	5716	5711	-906	16273	0	16273	1793	18066	49.97
9	5568	156	268	5992	858	4242	0	502	6013	5624	-992	16226	0	16226	1877	18103	49.98
10	4784	241	277	5302	757	3988	0	738	6171	6454	-1101	16138	0	16138	1996	18134	49.96
11	4961	566	266	5793	665	3995	0	913	6168	5987	-1137	16216	0	16216	2122	18338	49.94
12	5403	301	265	5969	673	3928	0	998	6192	6169	-1042	16695	0	16695	2156	18851	50.04
13	5335	286	254	5875	656	3966	0	936	6223	5700	-1101	16032	0	16032	2132	18164	50.01
14	5184	291	253	5728	579	3967	0	774	6315	6149	-1115	16082	0	16082	2094	18176	49.99
15	5314	285	263	5862	492	3940	0	548	6302	6380	-1164	16058	0	16058	2098	18156	49.98
16	5569	376	253	6198	413	3943	0	373	6089	6058	-1158	15827	0	15827	2109	17936	49.94
17	5782	121	265	6168	411	3963	0	166	5844	5599	-1046	15261	0	15261	2067	17328	49.94
18	5010	90	266	5366	382	3962	0	24	5609	5469	-968	14235	0	14235	2070	16305	50.02
19	4201	325	277	4803	395	3992	0	0	5708	5983	-1141	14032	0	14032	2226	16258	50.02
20	4143	295	268	4706	411	4002	0	0	5445	5569	-1090	13598	0	13598	2267	15865	50.02
21	4093	320	268	4681	424	4017	0	0	4959	5053	-1157	13018	0	13018	2277	15295	50.01
22	4374	170	278	4822	564	4016	0	0	4967	5179	-1158	13423	0	13423	2214	15637	50.01
23	4239	85	268	4592	628	3936	0	0	5315	5264	-1196	13224	0	13224	2139	15363	50.00
24	4081	90	268	4439	615	3884	0	0	5407	5355	-1242	13051	0	13051	2135	15186	49.99
MUs	114.74	4.69	6.49	125.93	15.60	93.33	0.00	6.16	135.38	133.50	-25.16	349.35	0.00	349.35	48.38	397.73	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 16/Nov/2020

Position as on 6.30 Hrs of 17/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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 10	660	09/11/2020	01.28		Continued.	Air heater problem	
MSPGCL	Nasik Unit 3	210	14/11/2020	22.30	16/11/2020	07.35	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	15/11/2020	02.50	16/11/2020	23.49	Bus bar protection open due to R-ph. HV busing burst of GT-3.	
MSPGCL	Paras Unit 3	250	15/11/2020	20.29	16/11/2020	01.28	Governing system problem	
MSPGCL	Paras Unit 3	250	16/11/2020	03.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 17/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
Dhule Sar'Sarovar I	InterState	10/11/2020	18.08		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	15/11/2020	20.31	17/11/2020	06.23	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/11/2020	08.35	16/11/2020	09.02	T	Tripped On DT Received.
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		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	14/11/2020	18.06		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	14/11/2020	18.24		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/11/2020	17.17	16/11/2020	07.14	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	15/11/2020	17.19	16/11/2020	07.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/11/2020	19.19	16/11/2020	09.26	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/11/2020	15.09	16/11/2020	18.20	T	BPH flashover string replacement at LOC no.109.
Khadka-Aurangabad (Waluj)	IntraState	16/11/2020	18.47		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	16/11/2020	22.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/11/2020	22.26		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
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		Continued.	PO	Annual Diagnostic Testing Work(Breaker Problem at Borivali
Bableswhar- Ranjangaon	IntraState	15/11/2020	17.45	16/11/2020	05.40	T	Y Phase LA Burst at Ranjangaon end
Sawantwadi-Bidri	IntraState	15/11/2020	20.40	16/11/2020	11.51	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	16/11/2020	14.06	16/11/2020	18.55	EO	Attending hotspot on HV LV y Phase CT.

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