

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Nov/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.565	1059.651	1) Gujrat	-0.003	12.567
2) Hydro	4.273	37.789	2) Madhya Pradesh	4.982	51.350
3) Gas	6.622	53.102	3) Chattisgarh	6.590	51.130
Total MSPGCL	136.460	1150.542	4) Maharashtra	126.173	992.104
B) 1) APML	63.228	512.117	5) Goa (Amona)	-0.872	-9.106
2) JSWEL	17.733	139.217	Total	136.870	1098.045
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.361	185.236
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.451	190.201
5) WPCL	7.149	58.035	c) MSEDCL Bilateral *	27.789	226.342
6) Other IPP	14.872	100.026	Include PX	0.057	2.260
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.361	185.236
C) 1) TPCL Thermal	14.710	121.937	Include PX	7.900	116.708
2) TPCL Hydro	1.931	25.727	Standby	0.000	0.000
3) TPCL Gas	4.328	34.909	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.828	49.360	1) MSEDCL	380.615	3014.017
D) STATE			2) Mumbai Discoms	48.248	422.133
1) Thermal	253.085	2040.343	TOTAL STATE	428.863	3436.150
(A1+C1+C4+(B1-B6))					
2) Hydro	6.204	63.516			
(A2+C2)					
3) Gas	10.950	88.011			
(A3+B7+C3)					
4) Wind	14.967	92.766			
6) SOLAR	6.787	53.470			
TOTAL STATE	291.993	2338.106			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5945	5882	5056	4206
MSPGCL Hydro	100	95	390	174
MSPGCL Gas	257	266	268	282
MSPGCL Total Generation	6302	6243	5714	4662
Central Sector Receipt	6315	6095	5817	5246
WIND	484	339	204	1265
CPP / IPP Thermal	4435	4301	5032	3380
CPP / IPP Gas	0	0	0	0
SOLAR	994	987	0	0
Exchange with Mumbai	-476	-476	-660	-806
MSEDCL DEMAND MET	18054	17489	16107	13747
Load Shedding	0	0	0	0
MSEDCL DEMAND	18054	17489	16107	13747
TPCL GENERATION	1156	1156	1046	641
AEML GENERATION	498	499	498	282
MUMBAI DEMAND	2130	2131	2204	1729
STATE DEMAND MET	20184	19620	18311	15476
STATE DEMAND	20184	19620	18311	15476
Frequency (Hz)	49.98	49.97	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.02 Hrs	49.81 Hz at 05.39 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 08/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	9.05	88.90	602	0
Unit 9	11.64	55.69	564	375
Unit 10	8.93	71.41	400	360
Total	29.63	216.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.48	74.80	495	280
Unit 5	9.56	54.96	490	285
Total	19.04	129.76		
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	5.46	33.42	250	189
Total	5.46	42.26		
Chandrapur				
Unit 3	3.81	30.56	172	120
Unit 4	3.58	28.87	161	116
Unit 5	8.74	72.47	425	270
Unit 6	9.30	74.05	420	285
Unit 7	0.00	0.00	0	0
Unit 8	0.00	61.07	0	0
Unit 9	10.81	89.57	495	280
Total	36.24	356.58		
Paras				
Unit 3	5.00	44.38	245	147
Unit 4	5.21	43.30	248	185
Total	10.21	87.68		
Khaparkheda				
Unit 1	3.68	28.94	165	140
Unit 2	4.00	31.46	185	140
Unit 3	4.07	31.71	185	140
Unit 4	4.11	32.26	185	140
Unit 5	5.63	76.16	450	0
Total	21.48	200.53		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.50	26.84	197	0
Unit 5	0.00	0.00	0	0
Total	3.50	26.84		
Uran				
All Units	6.62	53.10	293	255
Total	6.62	53.10		
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)	0.16	1.29	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.29		
Koyna				
Stage 1-2	2.44	19.87	435	40
Stage 4	0.00	1.87	0	0
Stage 3	0.53	5.33	80	0
Total	2.97	27.07		
Hydro				
KDPH	0.00	0.00	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.	0.18	1.63	40	0
RNGR+BHTSA	0.35	2.83	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.77	5.22	250	0
Total	1.31	10.72		
Wind				
Total	14.97	92.77	0	0
Total	14.97	92.77		
CPP				
APML(Mus)	63.23	512.12	0	0
JSWEL(Mus)	17.73	139.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.15	58.04	0	0
Other(Mus)	14.87	100.03	0	0
Total	102.98	809.40		
SOLAR				
Total	6.79	53.47	0	0
Total	6.79	53.47		
Tata				
Trombay 5	9.54	79.64	450	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	22.27	116	114
Trombay 7B	1.58	12.64	67	65
Trombay 8	5.17	42.30	231	135
TATA Hydro	1.93	25.73	298	0
Total	20.97	182.57		
AEML				
DTPS U-1&2	9.83	49.36	500	280
Total	9.83	49.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.56	1059.65	MSPGCL Total	136.46	1150.54
			MSPGCL Thml+Gas	132.19	1112.75	Koyna 1,2 & 4 Total	2.44	21.74
			MSPGCL Hydro	4.27	37.79	State Total	291.99	2338.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4530	74	291	4895	1181	3806	0	0	5293	4987	-907	13962	0	13962	2051	16013	50.03
2	4238	59	282	4579	1252	3828	0	0	5236	5147	-878	13928	0	13928	1911	15839	49.99
3	4204	54	281	4539	1314	3673	0	0	5148	5026	-840	13712	0	13712	1809	15521	50.00
4	4206	174	282	4662	1265	3380	0	0	5100	5246	-806	13747	0	13747	1729	15476	49.97
5	4525	159	292	4976	1205	3596	0	0	5135	5416	-817	14376	0	14376	1693	16069	49.97
6	5432	124	281	5837	1023	4023	0	0	5141	4882	-539	15226	0	15226	1745	16971	49.94
7	6007	70	293	6370	911	4324	0	13	5429	5261	-331	16548	0	16548	1756	18304	50.01
8	6070	155	282	6507	782	4426	0	176	5476	5903	-407	17387	0	17387	1769	19156	50.01
9	6021	80	281	6382	565	4618	0	480	5453	5819	-487	17377	0	17377	1856	19233	50.01
10	6041	80	289	6410	573	4712	0	735	5843	5551	-567	17414	0	17414	1970	19384	49.96
11	6036	105	267	6408	591	4546	0	887	6253	6187	-605	18014	0	18014	2078	20092	49.99
12	5945	100	257	6302	484	4435	0	994	6358	6315	-476	18054	0	18054	2130	20184	49.98
13	5882	95	266	6243	339	4301	0	987	6433	6095	-476	17489	0	17489	2131	19620	49.97
14	5924	95	256	6275	240	4117	0	923	6397	6602	-746	17411	0	17411	2102	19513	50.01
15	5639	430	266	6335	164	4464	0	801	6299	6442	-750	17456	0	17456	2105	19561	49.99
16	5651	415	255	6321	135	4848	0	514	6330	6227	-740	17305	0	17305	2093	19398	50.02
17	5441	275	266	5982	154	5009	0	232	6100	6125	-682	16820	0	16820	2068	18888	49.99
18	4969	750	266	5985	181	4987	0	45	5730	5794	-570	16422	0	16422	2074	18496	50.03
19	5056	390	268	5714	204	5032	0	0	5956	5817	-660	16107	0	16107	2204	18311	50.04
20	5069	158	279	5506	270	4812	0	0	6020	5617	-778	15427	0	15427	2258	17685	50.02
21	4931	145	269	5345	369	4216	0	0	5581	5716	-938	14708	0	14708	2266	16974	50.00
22	4708	161	291	5160	391	3961	0	0	5541	5602	-1015	14099	0	14099	2181	16280	50.03
23	4644	60	271	4975	611	3948	0	0	5703	5752	-1213	14073	0	14073	2161	16234	50.00
24	4396	65	291	4752	763	3920	0	0	5680	5341	-1223	13553	0	13553	2108	15661	50.01
MUs	125.57	4.27	6.62	136.46	14.97	102.98	0.00	6.79	137.64	136.87	-17.45	380.62	0.00	380.62	48.25	428.86	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 08/Nov/2020

Position as on 6.30 Hrs of 09/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	Nasik Unit 3	210	17/02/2020	00:00	09/11/2020	03.33	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
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	Chandrapur Unit-8	500	06/11/2020	10.56		Continued.	Boiler validity expired.	
MSPGCL	Nasik Unit 4	210	08/11/2020	01.15	08/11/2020	05.45	Due to fire near HP turbine bearing no.2	
MSPGCL	Khaparkheda Unit 5	500	08/11/2020	14.01		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	08/11/2020	16.45	08/11/2020	21.25	Flame Failure	
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 09/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 II	InterState	07/11/2020	19.43		Continued.	HT	Over Voltage
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).
Akola II - RPL(Rattanindia) Ckt I	IntraState	06/11/2020	22.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/11/2020	20.09	08/11/2020	07.57	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	07/11/2020	20.59	08/11/2020	13.16	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	08/11/2020	06.06	08/11/2020	12.51	EO	Hot spot at Loc no.1
Babhaleswhar - Padghe-I	IntraState	08/11/2020	13.33	08/11/2020	19.11	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	08/11/2020	19.21		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	08/11/2020	19.56		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/11/2020	00.58		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
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	01/11/2020	03.34		Continued.	T	Differential protection
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	07/11/2020	14.46	08/11/2020	03.35	PO	ICT-2 R phase 4 bushing replacement work.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	08/11/2020	08.11	08/11/2020	18.40	PO	Diagnostic testing and Routine Maint.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	07/11/2020	13.59		Continued.	HT	Outage at navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS 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
Lonikand1 (400 Kv)-Theur II	IntraState	06/10/2020	08.54		Continued.	PO	HTLS Stringing work
Trombay - Kalwa	IntraState	07/11/2020	06.31	08/11/2020	21.39	PO	Replacement of existing conductor by HTLS conductor
Kandalgaon - Koyna (Pophali)	IntraState	07/11/2020	10.47	08/11/2020	06.25	T	Y & B phase LA burst at Kandalgaon sub.
Baramati - Kurkumbh	IntraState	08/11/2020	10.16	08/11/2020	13.02	PO	Annual Diagnostic testing

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 08/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 09/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar(M) - Ghodbunder I	IntraState	08/11/2020	14.22	08/11/2020	18.33	PO	Testing Work
BHUGAON WARORA CKT-I	IntraState	08/11/2020	14.51	08/11/2020	15.35	PO	MFM Meter, BCU & Distance relay is showing incorrect MW direction
Talegaon (Ambi)-General Motors	IntraState	08/11/2020	15.15	08/11/2020	16.32	PO	Diagnostic testing
BHUGAON WARORA CKT-II	IntraState	08/11/2020	15.44	08/11/2020	16.27	PO	MFM Meter, BCU & Distance relay is showing incorrect MW direction
220 KV ICT Outages/Trippings							
220/132-110/11kv 200mva Aditya Vid Ptr 3 @Miraj	IntraState	07/11/2020	09.50		Continued.	PO	OLTC overhauling work.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	07/11/2020	14.48	08/11/2020	00.37	PO	Tan Delta Measurment of CTs

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