

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Nov/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.289	130.289	1) Gujrat	0.854	0.854
2) Hydro	3.446	3.446	2) Madhya Pradesh	6.238	6.238
3) Gas	6.657	6.657	3) Chattisgarh	6.400	6.400
Total MSPGCL	140.392	140.392	4) Maharashtra	121.729	121.729
B) 1) APML	61.983	61.983	5) Goa (Amona)	-0.955	-0.955
2) JSWEL	17.465	17.465	Total	134.266	134.266
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.241	22.241
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.659	21.659
5) WPCL	6.561	6.561	c) MSEDCL Bilateral *	27.605	27.605
6) Other IPP	10.159	10.159	Include PX	0.808	0.808
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.241	22.241
C) 1) TPCL Thermal	15.259	15.259	Include PX	14.934	14.934
2) TPCL Hydro	1.218	1.218	Standby	0.000	0.000
3) TPCL Gas	4.391	4.391	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.660	4.660	1) MSEDCL	361.693	361.693
D) STATE			2) Mumbai Discoms	47.187	47.187
1) Thermal	246.376	246.376	TOTAL STATE	408.880	408.880
(A1+C1+C4+(B1-B6))					
2) Hydro	4.664	4.664			
(A2+C2)					
3) Gas	11.048	11.048			
(A3+B7+C3)					
4) Wind	6.133	6.133			
6) SOLAR	6.393	6.393			
TOTAL STATE	274.614	274.614			

* 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 3 Hrs
MSPGCL Thermal	5555	5691	5466	4808
MSPGCL Hydro	385	185	79	77
MSPGCL Gas	268	257	280	280
MSPGCL Total Generation	6208	6133	5825	5165
Central Sector Receipt	6243	6286	6205	4893
WIND	100	88	187	360
CPP / IPP Thermal	3739	3757	4535	3768
CPP / IPP Gas	0	0	0	0
SOLAR	963	937	1	0
Exchange with Mumbai	-975	-998	-960	-692
MSEDCL DEMAND MET	16278	16203	15793	13494
Load Shedding	0	0	0	0
MSEDCL DEMAND	16278	16203	15793	13494
TPCL GENERATION	870	871	989	824
AEML GENERATION	250	221	147	248
MUMBAI DEMAND	2095	2090	2096	1764
STATE DEMAND MET	18373	18293	17889	15258
STATE DEMAND	18373	18293	17889	15258
Frequency (Hz)	49.99	49.95	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.00 Hrs	49.82 Hz at 12.13 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 01/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	8.58	8.58	402	331
Unit 9	0.00	0.00	0	0
Unit 10	9.03	9.03	390	360
Total	17.61	17.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.04	9.04	480	280
Unit 5	9.38	9.38	495	280
Total	18.42	18.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	4.44	195	171
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	4.44	4.44		
Chandrapur				
Unit 3	3.82	3.82	176	115
Unit 4	3.71	3.71	166	125
Unit 5	9.51	9.51	425	275
Unit 6	9.53	9.53	430	284
Unit 7	0.00	0.00	0	0
Unit 8	11.30	11.30	475	460
Unit 9	11.50	11.50	491	462
Total	49.37	49.37		
Paras				
Unit 3	5.72	5.72	254	210
Unit 4	5.77	5.77	254	228
Total	11.49	11.49		
Khaparkheda				
Unit 1	3.63	3.63	170	140
Unit 2	3.90	3.90	175	140
Unit 3	3.91	3.91	180	140
Unit 4	4.05	4.05	185	140
Unit 5	10.28	10.28	450	334
Total	25.77	25.77		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	3.19	152	124
Unit 5	0.00	0.00	0	0
Total	3.19	3.19		
Uran				
All Units	6.66	6.66	293	257
Total	6.66	6.66		
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)	0.14	0.14	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.14		
Koyna				
Stage 1-2	1.80	1.80	310	40
Stage 4	0.00	0.00	0	0
Stage 3	0.58	0.58	80	0
Total	2.38	2.38		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.12	40	0
RNGR+BHTSA	0.35	0.35	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.46	0.46	20	18
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.13	0.13	125	0
Total	1.06	1.06		
Wind				
Total	6.13	6.13	0	0
Total	6.13	6.13		
CPP				
APML(Mus)	61.98	61.98	0	0
JSWEL(Mus)	17.46	17.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	6.56	6.56	0	0
Other(Mus)	10.16	10.16	0	0
Total	96.17	96.17		
SOLAR				
Total	6.39	6.39	0	0
Total	6.39	6.39		
Tata				
Trombay 5	9.88	9.88	447	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	2.81	118	116
Trombay 7B	1.58	1.58	67	65
Trombay 8	5.38	5.38	234	138
TATA Hydro	1.22	1.22	204	2
Total	20.87	20.87		
AEML				
DTPS U-1&2	4.66	4.66	251	146
Total	4.66	4.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.29	130.29	MSPGCL Total	140.39	140.39
			MSPGCL Thml+Gas	136.95	136.95	Koyna 1,2 & 4 Total	1.80	1.80
			MSPGCL Hydro	3.45	3.45	State Total	274.61	274.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5144	89	279	5512	446	3784	0	0	4997	4791	-969	13564	0	13564	2049	15613	50.01
2	5033	72	279	5384	416	3806	0	0	4919	4886	-838	13654	0	13654	1914	15568	49.99
3	4808	77	280	5165	360	3768	0	0	4882	4893	-692	13494	0	13494	1764	15258	50.00
4	4908	77	291	5276	381	3823	0	0	4871	5197	-722	13955	0	13955	1682	15637	50.02
5	5263	152	280	5695	397	3803	0	0	4876	5098	-978	14015	0	14015	1727	15742	49.97
6	5643	98	282	6023	355	4110	0	0	5388	4665	-818	14335	0	14335	1730	16065	50.03
7	5740	74	293	6107	411	4287	0	11	6001	5803	-628	15991	0	15991	1720	17711	50.02
8	5724	80	293	6097	375	4267	0	177	6241	6159	-660	16415	0	16415	1767	18182	50.02
9	5732	80	292	6104	136	4237	0	446	5993	5709	-680	15952	0	15952	1806	17758	50.01
10	5540	105	271	5916	104	3935	0	695	6060	6020	-708	15962	0	15962	1954	17916	49.99
11	5350	419	278	6047	137	3751	0	833	6157	6363	-892	16239	0	16239	2019	18258	49.97
12	5555	385	268	6208	100	3739	0	963	6205	6243	-975	16278	0	16278	2095	18373	49.99
13	5691	185	257	6133	88	3757	0	937	6256	6286	-998	16203	0	16203	2090	18293	49.95
14	5382	170	266	5818	85	3723	0	886	6281	6424	-1045	15891	0	15891	2060	17951	50.01
15	5681	155	267	6103	78	3790	0	725	6133	6408	-1053	16051	0	16051	2037	18088	50.02
16	5759	405	267	6431	75	4108	0	477	5897	6037	-1061	16067	0	16067	2033	18100	50.03
17	5755	168	268	6191	102	4643	0	200	5779	5606	-950	15792	0	15792	1991	17783	49.97
18	5677	146	259	6082	195	4793	0	42	5777	5313	-910	15515	0	15515	1976	17491	50.00
19	5466	79	280	5825	187	4535	0	1	6180	6205	-960	15793	0	15793	2096	17889	49.99
20	5396	109	281	5786	187	4266	0	0	5778	5903	-977	15165	0	15165	2155	17320	49.99
21	5657	84	281	6022	147	3986	0	0	5393	5097	-1014	14238	0	14238	2175	16413	50.01
22	5626	79	281	5986	309	3772	0	0	5277	4703	-973	13797	0	13797	2135	15932	50.02
23	5020	79	282	5381	451	3785	0	0	5462	5577	-1067	14127	0	14127	2113	16240	50.03
24	4739	79	282	5100	611	3700	0	0	5392	4880	-1091	13200	0	13200	2099	15299	50.02
MUs	130.29	3.45	6.66	140.39	6.13	96.17	0.00	6.39	136.19	134.27	-21.66	361.69	0.00	361.69	47.19	408.88	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 01/Nov/2020

Position as on 6.30 Hrs of 02/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 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	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		Continued.	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	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	29/10/2020	02.15		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	30/10/2020	21.55		Continued.	Boiler Tube Leakage	
AEML	AEML Unit 2	250	31/10/2020	18.47		Continued.	Milling system problems	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 02/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.
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	31/10/2020	18.09		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	01/11/2020	23.12	02/11/2020	00.52	EO	Safety purpose.
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).
Dhule- Bableshwar - I	IntraState	31/10/2020	11.03	01/11/2020	12.03	EO	LA Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	31/10/2020	18.13	01/11/2020	11.40	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/10/2020	23.25	01/11/2020	10.07	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	01/11/2020	05.49	01/11/2020	09.52	EO	To attend Hot Spot at Loc.No.33
Khadka-Aurangabad (Waluj)	IntraState	01/11/2020	19.21		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/11/2020	20.12		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	01/11/2020	22.47	02/11/2020	01.13	EO	Attending Hot Spot
Lonikand I - Koyna stage-IV	IntraState	01/11/2020	23.18		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
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
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
Urse-Chinchwad (ST tap)	IntraState	01/11/2020	08.54	01/11/2020	19.25	HT	B-Ph CT burst.
Sonkhar - Trombay	IntraState	01/11/2020	10.09	01/11/2020	17.04	PO	Diagnostic testing work.
BHIRA (T) - KARANJADE CKT - 7	IntraState	01/11/2020	10.26	01/11/2020	17.14	PO	Vicinity Emergency clearance 5 mins.
Theur- Magar Patta City	IntraState	01/11/2020	10.45	01/11/2020	18.45	PO	Dismantling of old conductor, hardware & Stringing of HTLS Drake conductor between span of L.N.33 to 38-Y Ph, 38 To 38A of 220kv Theur Lonikand Ckt 2.
GIS Bhandup - Borivali	IntraState	01/11/2020	10.48	01/11/2020	17.09	PO	Attending Hot Spot at Cable Termination Tower.
Padgha - Temghar I	IntraState	01/11/2020	10.50	01/11/2020	14.20	PO	Diagnostic Testing Work.
NERUL - SEAWOOD CABLE CKT -	IntraState	01/11/2020	12.02	01/11/2020	13.00	EO	Emergency AMR Work.

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 01/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 02/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
1							
NERUL - SEAWOOD CABLE CKT - 2	IntraState	01/11/2020	13.01	01/11/2020	15.07	EO	Emergency AMR Work.
Padgha-Temghar-II	IntraState	01/11/2020	15.10	01/11/2020	18.32	PO	Diagnostic Testing Work
220 KV ICT Outages/Trippings							
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	01/11/2020	10.17	02/11/2020	00.11	PO	Attending bushing oil leakage.