

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Dec/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.894	2974.065	1) Gujrat	-0.253	35.046
2) Hydro	8.259	171.169	2) Madhya Pradesh	4.429	147.552
3) Gas	6.804	137.228	3) Chattisgarh	5.930	131.910
Total MSPGCL	149.957	3282.462	4) Maharashtra	140.827	2866.223
B) 1) APML	31.083	1176.361	5) Goa (Amona)	-1.744	-29.305
2) JSWEL	18.452	380.061	Total	149.189	3151.426
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.305	357.416
4) RPL(AMT)	13.307	81.545	b) Mumbai Drawl	17.568	425.706
5) WPCL	7.644	151.750	c) MSEDCL Bilateral *	33.495	738.201
6) Other IPP	17.724	363.761	Include PX	5.654	169.331
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.305	356.439
C) 1) TPCL Thermal	12.667	279.214	Include PX	9.243	209.338
2) TPCL Hydro	3.298	65.521	Standby	0.000	0.978
3) TPCL Gas	4.002	75.350	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.460	192.341	1) MSEDCL	397.386	8552.208
D) STATE			2) Mumbai Discoms	46.995	1038.131
1) Thermal	245.231	5599.098	TOTAL STATE	444.381	9590.339
(A1+C1+C4+(B1-B6))					
2) Hydro	11.557	236.690			
(A2+C2)					
3) Gas	10.806	212.578			
(A3+B7+C3)					
4) Wind	19.968	260.024			
6) SOLAR	7.630	130.524			
TOTAL STATE	295.192	6438.914			

* 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	6286	6261	6229	4248
MSPGCL Hydro	607	360	256	99
MSPGCL Gas	280	279	272	284
MSPGCL Total Generation	7173	6900	6757	4631
Central Sector Receipt	7612	7543	6074	5097
WIND	746	617	642	1126
CPP / IPP Thermal	4103	3949	4132	3264
CPP / IPP Gas	0	0	0	0
SOLAR	1107	1090	0	0
Exchange with Mumbai	-805	-770	-765	-607
MSEDCL DEMAND MET	19936	19329	16840	13511
Load Shedding	0	0	0	0
MSEDCL DEMAND	19936	19329	16840	13511
TPCL GENERATION	1093	1093	1048	574
AEML GENERATION	498	497	497	282
MUMBAI DEMAND	2396	2360	2310	1463
STATE DEMAND MET	22332	21689	19150	14974
STATE DEMAND	22332	21689	19150	14974
Frequency (Hz)	50.02	50.02	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 14.02 Hrs	49.79 Hz at 16.25 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 21/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.36	41.96	175	115
Unit 7	1.27	24.01	122	0
Unit 8	12.69	262.38	591	375
Unit 9	11.34	193.95	523	370
Unit 10	0.00	0.00	0	0
Total	28.66	522.31		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.75	222.91	500	0
Unit 5	9.64	221.83	460	280
Total	18.40	444.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.07	105.82	250	156
Unit 7	4.90	105.61	248	151
Unit 8	0.00	104.10	0	0
Total	9.96	315.53		
Chandrapur				
Unit 3	3.49	66.79	165	120
Unit 4	3.51	75.38	160	128
Unit 5	8.95	189.55	430	275
Unit 6	8.95	155.96	435	268
Unit 7	9.40	113.14	458	275
Unit 8	0.00	208.25	0	0
Unit 9	9.61	205.04	460	280
Total	43.90	1014.11		
Paras				
Unit 3	5.19	92.18	256	145
Unit 4	4.88	101.14	250	114
Total	10.06	193.32		
Khaparkheda				
Unit 1	3.41	71.03	165	115
Unit 2	3.72	78.05	185	115
Unit 3	0.32	0.32	80	0
Unit 4	4.07	86.28	190	130
Unit 5	9.19	184.47	405	280
Total	20.71	420.15		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.21	56.21	148	128
Unit 5	0.00	0.00	0	0
Total	3.21	63.91		
Uran				
All Units	6.80	137.23	295	258
Total	6.80	137.23		
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)	0.51	2.04	54	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.51	2.04		
Koyna				
Stage 1-2	2.70	63.18	480	40
Stage 4	1.14	39.81	482	0
Stage 3	1.16	22.60	160	0
Total	5.00	125.58		
Hydro				
KDPH	0.44	5.49	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.49	0.71	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	3.99	40	0
RNGR+BHTSA	0.35	7.32	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	9.41	20	19
GHATGHAR	1.37	18.66	250	0
Total	3.26	45.59		
Wind				
Total	19.97	260.02	0	0
Total	19.97	260.02		
CPP				
APML(Mus)	31.08	1176.36	0	0
JSWEL(Mus)	18.45	380.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	13.31	81.54	0	0
WPCL(Mus)	7.64	151.75	0	0
Other(Mus)	17.72	363.76	0	0
Total	88.21	2153.48		
SOLAR				
Total	7.63	130.52	0	0
Total	7.63	130.52		
Tata				
Trombay 5	8.50	184.51	462	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	46.49	118	90
Trombay 7B	1.51	28.86	68	59
Trombay 8	4.16	94.70	234	138
TATA Hydro	3.30	65.52	275	0
Total	19.97	420.08		
AEML				
DTPS U-1&2	9.46	192.34	500	281
Total	9.46	192.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.89	2974.06	MSPGCL Total	149.96	3282.46
			MSPGCL Thml+Gas	141.70	3111.29	Koyna 1,2 & 4 Total	3.83	102.98
			MSPGCL Hydro	8.26	171.17	State Total	295.19	6438.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Dec/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	4466	109	264	4839	1071	3235	0	0	5071	5104	-630	13619	0	13619	1642	15261	50.02
2	4614	94	295	5003	1152	3336	0	0	5241	4865	-673	13683	0	13683	1533	15216	50.02
3	4248	99	284	4631	1126	3264	0	0	5265	5097	-607	13511	0	13511	1463	14974	50.01
4	4202	104	295	4601	1283	3305	0	0	5076	4984	-563	13610	0	13610	1418	15028	50.01
5	4197	99	294	4590	1302	3283	0	0	5578	5357	-563	13969	0	13969	1418	15387	50.01
6	4583	99	294	4976	1291	3370	0	0	5985	6065	-638	15064	0	15064	1492	16556	49.99
7	5869	94	295	6258	1181	3479	0	6	6434	5949	-683	16190	0	16190	1570	17760	50.00
8	6207	283	295	6785	1177	3669	0	124	6509	6824	-624	17955	0	17955	1732	19687	49.97
9	6265	1149	294	7708	886	3890	0	496	6342	6505	-541	18944	0	18944	1948	20892	49.99
10	6242	1066	283	7591	890	4032	0	778	6691	6637	-668	19260	0	19260	2188	21448	50.02
11	6237	1078	281	7596	852	4098	0	1020	7084	7174	-792	19948	0	19948	2349	22297	50.01
12	6286	607	280	7173	746	4103	0	1107	7604	7612	-805	19936	0	19936	2396	22332	50.02
13	6261	360	279	6900	617	3949	0	1090	7636	7543	-770	19329	0	19329	2360	21689	50.02
14	6230	254	269	6753	492	3660	0	1052	7646	7604	-819	18742	0	18742	2235	20977	50.04
15	6274	294	269	6837	434	3643	0	868	7628	7777	-901	18658	0	18658	2244	20902	50.05
16	6293	614	258	7165	385	3930	0	677	7352	7338	-740	18755	0	18755	2252	21007	50.00
17	6208	604	268	7080	404	4040	0	355	6851	6589	-662	17806	0	17806	2245	20052	49.92
18	6148	454	279	6881	452	4084	0	57	6368	6249	-637	17086	0	17086	2245	19331	49.99
19	6229	256	272	6757	642	4132	0	0	6100	6074	-765	16840	0	16840	2310	19150	50.02
20	6262	148	291	6701	708	3904	0	0	5949	5900	-901	16312	0	16312	2270	18582	49.96
21	5899	91	283	6273	710	3463	0	0	5515	5751	-1007	15190	0	15190	2136	17326	49.99
22	5529	111	293	5933	711	3431	0	0	5577	5411	-914	14572	0	14572	2010	16582	50.03
23	5110	96	295	5501	707	3431	0	0	5591	5440	-844	14235	0	14235	1817	16052	50.00
24	5035	96	294	5425	749	3478	0	0	5510	5340	-821	14171	0	14171	1722	15893	50.02
MUs	134.89	8.26	6.80	149.96	19.97	88.21	0.00	7.63	150.60	149.19	-17.57	397.39	0.00	397.39	46.99	444.38	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 21/Dec/2020

Position as on 6.30 Hrs of 22/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55	21/12/2020	18.56	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual Overhaul	
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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
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	21/12/2020	02.00	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	
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	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-5	660	16/12/2020	03.50		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Koradi Unit 7	210	20/12/2020	11.27	21/12/2020	10.27	Furnace Draft	
MSPGCL	Parli Unit 8	250	20/12/2020	17.24		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	21/12/2020	20.41		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 21/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 22/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Tripping							
Koradi III - Akola II- ckt-II	IntraState	21/12/2020	11.45	21/12/2020	16.39	PO	Line Equipment Maintenance activities
765 KV ICT Outages/Tripping							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	20/12/2020	09.57	21/12/2020	05.35	PO	Routine Maintenance Work
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	21/12/2020	20.51	21/12/2020	23.12	T	Bucchoz Protection Optd
500 KV LINE Outages/Tripping							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/12/2020	00.06	22/12/2020	06.40	EO	Attending Oil Leakage
400 KV LINE Outages/Tripping							
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	19/12/2020	20.02		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	21/12/2020	06.50	21/12/2020	11.06	T	Distance Protection
Koradi Bhilai	InterState	21/12/2020	09.11	21/12/2020	09.44	T	Tripped
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	20/12/2020	23.42	21/12/2020	08.55	HT	Over Voltage
Koradi-Bhusawal	IntraState	21/12/2020	16.52	21/12/2020	20.21	EO	Replacement of B phase Flashover String
Padghe - Nagothane - I	IntraState	22/12/2020	02.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
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
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	21/12/2020	05.31	21/12/2020	19.34	T	Bucchoz Protection Optd
220 KV LINE Outages/Tripping							
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)
Boisar(MS) - Boisar (PG) - I	InterState	20/12/2020	21.55	21/12/2020	00.13	EO	Attending Hot Spot
Borivali - Tarapur	InterState	21/12/2020	11.03	21/12/2020	15.59	PO	Line Maintenance 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
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Koradi-Butibori Rly Tss	IntraState	18/12/2020	09.04		Continued.	PO	For loop in loop out work at LOC. no.38 & Loc no.55.
Butibori-Abhijeet	IntraState	18/12/2020	09.10		Continued.	PO	For loop in loop out work at Loc no.38 & Loc no.55.
Vita Alkud	IntraState	21/12/2020	05.44	21/12/2020	10.52	PO	Fixing of PA Rod
Vita - Mhaishal	IntraState	21/12/2020	06.09	21/12/2020	10.52	PO	Fixing of PA Rod
Adlabs - Pedambe	IntraState	21/12/2020	06.50		Continued.	PO	Erection of New Tower
Mahad - Pedambe	IntraState	21/12/2020	07.36		Continued.	PO	Erection of New Tower
Sawantwadi-Bidri	IntraState	21/12/2020	09.10	21/12/2020	16.58	PO	Insulator Cleaning work
Yeotmal- Pusad	IntraState	21/12/2020	10.19	21/12/2020	14.05	PO	Heavy Leakage with rising nature

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 21/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 22/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							observed from Y Phase
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
Balapur-Malegaon	IntraState	21/12/2020	12.10	21/12/2020	18.04	PO	Replacement and Tightening of Nut Bolt
Shivajinagar-Gangapur	IntraState	21/12/2020	14.57	21/12/2020	19.46	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil Filtration Work.
220/132 kV 100MVA ICT @ Bhandara	IntraState	21/12/2020	09.16	21/12/2020	18.10	PO	OLTC Problem
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	21/12/2020	10.27	21/12/2020	17.55	PO	Testing Work