

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Feb/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.818	2906.203	1) Gujrat	0.576	7.828
2) Hydro	6.426	191.905	2) Madhya Pradesh	7.806	127.663
3) Gas	6.797	125.520	3) Chattisgarh	4.810	99.000
Total MSPGCL	141.041	3223.628	4) Maharashtra	103.187	2480.512
B) 1) APML	52.087	1079.996	5) Goa (Amona)	-1.586	-19.298
2) JSWEL	10.754	226.871	Total	114.793	2695.705
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.486	389.220
4) RPL(AMT)	18.359	508.246	b) Mumbai Drawl	27.145	423.649
5) WPCL	5.901	147.956	c) MSEDCL Bilateral *	14.006	524.327
6) Other IPP	12.312	333.492	Include PX	-12.477	-36.895
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.486	385.173
C) 1) TPCL Thermal	3.619	152.161	Include PX	7.083	115.767
2) TPCL Hydro	5.927	86.937	Standby	0.000	4.047
3) TPCL Gas	3.985	73.140	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.637	186.998	1) MSEDCL	361.744	8121.559
D) STATE			2) Mumbai Discoms	48.313	922.887
1) Thermal	238.487	5541.923	TOTAL STATE	410.057	9044.446
(A1+C1+C4+(B1-B6))					
2) Hydro	12.353	278.842			
(A2+C2)					
3) Gas	10.782	198.660			
(A3+B7+C3)					
4) Wind	27.222	185.544			
6) SOLAR	6.420	143.770			
TOTAL STATE	295.264	6348.739			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5345	4602	6878	4726
MSPGCL Hydro	192	581	727	102
MSPGCL Gas	271	279	281	304
MSPGCL Total Generation	5808	5462	7886	5132
Central Sector Receipt	5616	6084	4271	3196
WIND	1619	1189	756	1359
CPP / IPP Thermal	4415	4443	4329	3726
CPP / IPP Gas	0	0	0	0
SOLAR	788	958	0	0
Exchange with Mumbai	-1293	-1380	-1315	-851
MSEDCL DEMAND MET	16952	16756	15927	12562
Load Shedding	0	0	0	0
MSEDCL DEMAND	16952	16756	15927	12562
TPCL GENERATION	764	738	762	323
AEML GENERATION	284	285	283	285
MUMBAI DEMAND	2341	2403	2360	1459
STATE DEMAND MET	19294	19159	18287	14022
STATE DEMAND	19294	19159	18287	14022
Frequency (Hz)	49.95	49.99	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.02 Hrs	49.78 Hz at 02.40 Hrs	49.99	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 19/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	11.33	225.84	602	370
Unit 9	10.55	206.50	538	372
Unit 10	10.54	148.39	570	297
Total	32.42	592.52		
Bhusawal				
Unit 3	3.22	11.82	155	120
Unit 4	8.11	202.70	475	280
Unit 5	8.06	199.17	480	280
Total	19.39	413.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	80.88	0	0
Unit 7	0.00	82.54	0	0
Unit 8	0.00	87.53	0	0
Total	0.00	250.95		
Chandrapur				
Unit 3	2.98	63.94	135	110
Unit 4	1.33	64.34	129	0
Unit 5	7.20	100.25	430	278
Unit 6	7.30	178.72	425	282
Unit 7	7.47	167.60	438	281
Unit 8	8.45	210.21	500	275
Unit 9	8.18	208.23	485	256
Total	42.90	993.28		
Paras				
Unit 3	4.07	92.68	230	125
Unit 4	3.59	81.59	232	0
Total	7.66	174.27		
Khaparkheda				
Unit 1	2.82	61.76	125	115
Unit 2	2.88	67.23	160	115
Unit 3	3.34	80.99	188	135
Unit 4	3.26	76.48	195	132
Unit 5	10.10	130.88	500	300
Total	22.38	417.34		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.05	64.14	149	121
Unit 5	0.00	0.00	0	0
Total	3.05	64.14		
Uran				
All Units	6.80	125.52	304	267
Total	6.80	125.52		
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)	0.01	4.20	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	4.20		
Koyna				
Stage 1-2	3.07	57.41	450	35
Stage 4	0.00	46.83	0	0
Stage 3	0.70	22.73	80	0
Total	3.77	126.96		
Hydro				
KDPH	0.68	11.08	37	19
VTRNA	0.43	7.19	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	4.88	80	0
RNGR+BHTSA	0.34	6.59	15	14
BHANDARDRA	0.46	2.29	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	9.02	17	16
GHATGHAR	0.00	22.83	0	0
Total	2.66	64.94		
Wind				
Total	27.22	185.54	0	0
Total	27.22	185.54		
CPP				
APML(Mus)	52.09	1080.00	0	0
JSWEL(Mus)	10.75	226.87	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.36	508.25	0	0
WPCL(Mus)	5.90	147.96	0	0
Other(Mus)	12.31	333.49	0	0
Total	99.41	2296.56		
SOLAR				
Total	6.42	143.77	0	0
Total	6.42	143.77		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	46.11	117	77
Trombay 7B	1.51	27.03	68	55
Trombay 8	3.62	89.96	234	137
TATA Hydro	5.93	86.94	450	0
Total	13.53	312.24		
AEML				
DTPS U-1&2	7.64	187.00	500	283
Total	7.64	187.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.82	2906.20	MSPGCL Total	141.04	3223.63
			MSPGCL Thml+Gas	134.62	3031.72	Koyna 1,2 & 4 Total	3.07	104.24
			MSPGCL Hydro	6.43	191.90	State Total	295.26	6348.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Feb/2021

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	4666	108	295	5068	1153	3767	0	0	5516	4662	-882	13768	0	13768	1708	15476	50.05
2	4716	102	294	5112	1260	3722	0	0	4977	4052	-943	13204	0	13204	1567	14770	50.01
3	4735	108	294	5136	1275	3720	0	0	4143	3638	-890	12880	0	12880	1496	14376	49.92
4	4723	108	294	5124	1206	3722	0	0	3739	3461	-851	12662	0	12662	1457	14120	49.98
5	4726	102	304	5132	1359	3726	0	0	4056	3196	-851	12562	0	12562	1459	14022	49.98
6	4718	118	284	5120	1485	3714	0	0	4746	3590	-930	12978	0	12978	1540	14518	49.99
7	4730	118	283	5130	1535	3750	0	0	4781	4324	-864	13876	0	13876	1634	15510	49.94
8	5575	272	294	6142	1376	4063	0	62	4558	4576	-926	15292	0	15292	1752	17044	49.96
9	5889	108	293	6290	1457	4227	0	265	5085	4708	-1106	15840	0	15840	1968	17808	49.99
10	5510	160	282	5952	1543	4282	0	541	5480	5573	-1190	16700	0	16700	2181	18882	49.96
11	5345	192	271	5808	1619	4415	0	788	5775	5616	-1293	16952	0	16952	2341	19294	49.95
12	4710	229	280	5219	1400	4427	0	936	6153	6165	-1364	16783	0	16783	2396	19179	49.95
13	4602	581	279	5462	1189	4443	0	958	5798	6084	-1380	16756	0	16756	2403	19159	49.99
14	4977	311	268	5556	1047	4370	0	820	5916	5918	-1302	16409	0	16409	2319	18728	50.01
15	5240	301	267	5808	954	4399	0	757	6071	6062	-1311	16669	0	16669	2318	18987	49.99
16	5950	172	268	6390	868	4427	0	708	5856	5404	-1312	16485	0	16485	2323	18808	50.00
17	6062	322	268	6652	862	4407	0	436	4948	4886	-1329	15914	0	15914	2323	18237	49.95
18	6225	583	280	7088	757	4383	0	144	4421	4698	-1310	15760	0	15760	2302	18062	50.04
19	6681	651	280	7612	659	4401	0	5	4260	4310	-1321	15666	0	15666	2338	18004	49.99
20	6878	727	281	7886	756	4329	0	0	4464	4271	-1315	15927	0	15927	2360	18287	50.01
21	6307	280	271	6858	795	4245	0	0	5091	4910	-1310	15498	0	15498	2223	17721	49.96
22	5299	295	292	5886	810	4246	0	0	5520	4942	-1204	14680	0	14680	2108	16788	50.00
23	4849	273	293	5415	918	4214	0	0	5424	5047	-1009	14585	0	14585	1955	16540	49.99
24	4705	207	282	5194	939	4014	0	0	5420	4700	-952	13895	0	13895	1842	15737	50.03
MUs	127.82	6.43	6.80	141.04	27.22	99.41	0.00	6.42	122.20	114.79	-27.14	361.74	0.00	361.74	48.31	410.06	49.99

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 19/Feb/2021

Position as on 6.30 Hrs of 20/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10		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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020).	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
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	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Parli Unit 7	250	16/02/2021	10.15		Continued.	Zero schedule	
MSPGCL	Parli Unit 8	250	17/02/2021	00.00		Continued.	Zero schedule	
MSPGCL	Chandrapur Unit 4	210	19/02/2021	10.15		Continued.	Due to BFP discharge bypass valve rupture & heavy water leakage.	
MSPGCL	Paras Unit 4	250	19/02/2021	11.48	19/02/2021	14.30	Due to Id fan tripped.	
IPP	SWPGL U-2	135	19/02/2021	19.42	19/02/2021	22.25	Zero schedule.	
CPP	SWPGL U-4	135	19/02/2021	23.03		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	19/02/2021	23.38		Continued.	Zero schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 20/Feb/2021

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	18/02/2021	18.34	19/02/2021	07.05	HT	Over Voltage
Dabhol New koyna I	InterState	19/02/2021	09.30	20/02/2021	05.58	PO	Routine Maintenance Work
Dhule Sar'Sarovar II	InterState	19/02/2021	20.10		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/02/2021	18.05	19/02/2021	06.52	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	18/02/2021	20.13	19/02/2021	06.56	HT	Over Voltage
Babhaleshtar - Bhusawal II	IntraState	19/02/2021	09.12	19/02/2021	19.00	PO	CT ratio conversion and replacement of faulty insulator strings detected in PID & monkey patrolling
Koradi-Khaparkheda I	IntraState	19/02/2021	12.48	19/02/2021	16.37	PO	Relay Testing Work.
Khadka-Aurangabad (Waluj)	IntraState	19/02/2021	20.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	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-3 @Padghe	IntraState	19/02/2021	10.02	19/02/2021	21.23	PO	Attending hot spot & Oil leakage attending work.
400/220/33 315MVA ICT-III @ KHADKA	IntraState	19/02/2021	13.26	19/02/2021	17.07	T	Bus Bar Protection Operated
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)
Borivali - Tarapur	InterState	19/02/2021	22.42		Continued.	T	Distance Protection
Borivali(MS) Boisar(PG)	InterState	19/02/2021	22.42		Continued.	T	Distance Protection
New Koyana - Pedambe	IntraState	18/02/2021	17.52	19/02/2021	17.20	T	Distance Protection
Chandrapur(MIDC)-Ballarshah II	IntraState	19/02/2021	08.29	19/02/2021	19.13	PO	a) fixing of jumper missing n & b. b) tightening of jumper n&b. c) tightening of tower n & b. d) suspension clamp fitting of pilot tring. e) other miscellaneous work.
Flagship-Chinchwad	IntraState	19/02/2021	09.02	19/02/2021	19.02	PO	For cold line washing of disc insulators of line.
Kharepatan -Pawas Line	IntraState	19/02/2021	09.32	19/02/2021	17.49	PO	For cold washing of insulator strings.
Ghodbunder - Versova	IntraState	19/02/2021	09.47	19/02/2021	15.14	PO	Replacement of doors of CB mechanism and marshalling Box.
Deepnagar Khadaka 2	IntraState	19/02/2021	13.26	19/02/2021	14.13	T	220 kv bus II busbar protection optd.
Khadka-Bhadli-2	IntraState	19/02/2021	13.26	19/02/2021	14.45	T	220 kv bus II bus bar protection optd.
Khadaka-Chaligaon III	IntraState	19/02/2021	13.26	19/02/2021	18.05	T	Distance Protection
Bus Coupler at Bhusawal	IntraState	19/02/2021	13.26	19/02/2021	16.58	T	220 kv bus II bus bar protection optd.
Mulund - GIS Bhandup	IntraState	19/02/2021	16.31	19/02/2021	17.46	PO	Online Shifting of 220 kv GIS Bhandup line from 220 kV Bus-2 to 220 kV Bus-1 through Center breaker-1. For Bus-2 mid span suspension jumper Rejoining work.
Roma-Bhavegar	IntraState	20/02/2021	04.40	20/02/2021	06.50	T	Tripped only from Bhavegar end.

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 19/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 20/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 kV 200MVA ICT II @ Girwali	IntraState	18/02/2021	11.43		Continued.	PO	Testing Work
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	19/02/2021	10.01	19/02/2021	15.42	EO	Y phase CT Leakage attending work.
220/132kV 200MVA ICT-III @ Nanded	IntraState	19/02/2021	11.46	19/02/2021	11.53	PO	Tap changing.
220KV/132KV ICT I @ Bhusawal II	IntraState	19/02/2021	13.26	19/02/2021	14.21	T	220 kv bus II bus bar protection optd.