

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Feb/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.682	3187.393	1) Gujrat	1.692	10.224
2) Hydro	7.587	204.140	2) Madhya Pradesh	7.540	142.325
3) Gas	6.628	138.862	3) Chattisgarh	5.230	108.860
Total MSPGCL	150.897	3530.395	4) Maharashtra	113.990	2703.770
B) 1) APLM	59.408	1197.748	5) Goa (Amona)	-0.924	-21.443
2) JSWEL	10.012	246.492	Total	127.528	2943.736
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.579	429.451
4) RPL(AMT)	21.202	550.785	b) Mumbai Drawl	19.984	467.582
5) WPCL	3.273	154.465	c) MSEDCL Bilateral *	18.377	549.655
6) Other IPP	15.874	365.663	Include PX	-5.433	-58.344
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.579	425.404
C) 1) TPCL Thermal	4.957	162.173	Include PX	8.169	133.215
2) TPCL Hydro	3.578	96.250	Standby	0.000	4.047
3) TPCL Gas	4.096	79.993	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.231	208.925	1) MSEDCL	398.408	8914.789
D) STATE			2) Mumbai Discoms	43.846	1014.924
1) Thermal	262.639	6073.644	TOTAL STATE	442.254	9929.713
(A1+C1+C4+(B1-B6))					
2) Hydro	11.165	300.390			
(A2+C2)					
3) Gas	10.724	218.855			
(A3+B7+C3)					
4) Wind	22.392	233.262			
6) SOLAR	7.806	159.825			
TOTAL STATE	314.726	6985.976			

* 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 3 Hrs
MSPGCL Thermal	6448	6447	6396	4385
MSPGCL Hydro	300	229	684	241
MSPGCL Gas	278	267	279	292
MSPGCL Total Generation	7026	6943	7359	4918
Central Sector Receipt	5603	5649	5230	5132
WIND	1193	1049	564	1259
CPP / IPP Thermal	5253	4570	4408	3866
CPP / IPP Gas	0	0	0	0
SOLAR	1001	1151	0	0
Exchange with Mumbai	-847	-962	-1098	-689
MSEDCL DEMAND MET	19229	18400	16462	14486
Load Shedding	0	0	0	0
MSEDCL DEMAND	19229	18400	16462	14486
TPCL GENERATION	661	568	672	366
AEML GENERATION	502	502	284	501
MUMBAI DEMAND	2010	2032	2054	1556
STATE DEMAND MET	21239	20432	18516	16042
STATE DEMAND	21239	20432	18516	16042
Frequency (Hz)	49.98	49.96	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 17.03 Hrs	49.8 Hz at 03.18 Hrs	49.98	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/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	12.12	249.38	580	369
Unit 9	11.07	228.72	507	374
Unit 10	11.59	172.05	555	350
Total	34.78	661.96		
Bhusawal				
Unit 3	3.30	18.32	185	125
Unit 4	9.48	221.64	475	280
Unit 5	9.35	217.98	475	280
Total	22.14	457.92		
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	3.06	70.04	143	120
Unit 4	3.41	69.79	157	126
Unit 5	8.13	116.81	435	275
Unit 6	8.67	196.01	430	285
Unit 7	0.00	176.21	0	0
Unit 8	10.33	230.40	499	275
Unit 9	10.06	228.20	495	270
Total	43.67	1087.48		
Paras				
Unit 3	4.67	101.90	245	150
Unit 4	4.42	90.85	225	141
Total	9.08	192.75		
Khaparkheda				
Unit 1	3.07	67.86	150	115
Unit 2	3.26	73.83	175	115
Unit 3	3.84	88.70	200	135
Unit 4	3.70	84.00	195	130
Unit 5	9.71	151.26	440	285
Total	23.58	465.65		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.43	70.68	203	123
Unit 5	0.00	0.00	0	0
Total	3.43	70.68		
Uran				
All Units	6.63	138.86	294	256
Total	6.63	138.86		
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	4.38	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	4.38		
Koyna				
Stage 1-2	2.62	61.91	390	40
Stage 4	0.44	47.27	181	0
Stage 3	0.95	24.04	142	0
Total	4.00	133.21		
Hydro				
KDPH	0.89	12.85	37	37
VTRNA	0.45	8.10	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.46	80	0
RNGR+BHTSA	0.32	7.24	14	13
BHANDARDRA	0.46	2.76	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	9.82	17	16
GHATGHAR	0.82	23.65	125	0
Total	3.58	70.93		
Wind				
Total	22.39	233.26	0	0
Total	22.39	233.26		
CPP				
APML(Mus)	59.41	1197.75	0	0
JSWEL(Mus)	10.01	246.49	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.20	550.78	0	0
WPCL(Mus)	3.27	154.46	0	0
Other(Mus)	15.87	365.66	0	0
Total	109.77	2515.15		
SOLAR				
Total	7.81	159.82	0	0
Total	7.81	159.82		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.55	50.20	117	75
Trombay 7B	1.55	29.80	68	54
Trombay 8	4.96	99.98	237	139
TATA Hydro	3.58	96.25	348	0
Total	12.63	338.42		
AEML				
DTPS U-1&2	11.23	208.92	502	283
Total	11.23	208.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.68	3187.39	MSPGCL Total	150.90	3530.40
			MSPGCL Thml+Gas	143.31	3326.26	Koyna 1,2 & 4 Total	3.06	109.18
			MSPGCL Hydro	7.59	204.14	State Total	314.73	6985.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4540	126	291	4957	1424	4292	0	0	5398	4811	-847	14638	0	14638	1729	16366	49.94
2	4424	121	282	4827	1318	3976	0	0	5267	5060	-763	14418	0	14418	1629	16047	49.94
3	4385	241	292	4918	1259	3866	0	0	4842	5132	-689	14486	0	14486	1556	16042	49.98
4	4394	352	272	5018	1200	3945	0	0	4892	5021	-635	14549	0	14549	1502	16051	49.96
5	4537	267	292	5096	1110	4179	0	0	5077	5221	-640	14966	0	14966	1506	16472	49.98
6	5627	185	283	6095	1124	4407	0	0	5155	5383	-686	16323	0	16323	1558	17881	49.93
7	6339	236	294	6869	1039	5068	0	0	4731	4773	-576	17172	0	17172	1614	18786	49.98
8	6429	391	294	7114	889	5691	0	109	4585	4654	-566	17891	0	17891	1664	19555	50.02
9	6408	521	283	7212	820	5749	0	435	4915	4718	-646	18288	0	18288	1777	20065	50.04
10	6427	364	271	7062	1007	5580	0	760	5392	4970	-716	18663	0	18663	1898	20561	50.00
11	6448	300	278	7026	1193	5253	0	1001	5685	5603	-847	19229	0	19229	2010	21239	49.98
12	6466	392	268	7126	1301	5032	0	1107	5663	5532	-941	19158	0	19158	2036	21194	49.96
13	6447	229	267	6943	1049	4570	0	1151	5782	5649	-962	18400	0	18400	2032	20432	49.96
14	5896	326	267	6489	871	4320	0	1064	6140	5830	-781	17792	0	17792	1974	19766	49.98
15	5688	668	256	6612	772	4340	0	890	5969	6240	-852	18002	0	18002	1931	19934	49.97
16	6293	344	256	6893	724	4363	0	707	5886	6022	-824	17885	0	17885	1904	19789	49.96
17	6369	330	266	6965	674	4422	0	435	5554	5601	-768	17329	0	17329	1888	19217	50.00
18	6110	224	257	6591	571	4426	0	145	5270	5377	-755	16355	0	16355	1887	18242	50.02
19	6033	369	268	6670	477	4416	0	2	5188	5419	-1017	15968	0	15968	1966	17934	49.96
20	6396	684	279	7359	564	4408	0	0	5026	5230	-1098	16462	0	16462	2054	18516	49.96
21	5969	254	270	6493	594	4370	0	0	5040	5080	-1131	15406	0	15406	2023	17429	49.95
22	5457	289	280	6026	771	4360	0	0	5321	5072	-1198	15031	0	15031	1978	17009	50.01
23	5009	191	271	5471	733	4370	0	0	5477	5542	-1065	15051	0	15051	1906	16957	49.96
24	4591	183	291	5065	908	4366	0	0	5411	5588	-981	14946	0	14946	1824	16770	49.99
MUs	136.68	7.59	6.63	150.90	22.39	109.77	0.00	7.81	127.67	127.53	-19.98	398.41	0.00	398.41	43.85	442.25	49.98

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/Feb/2021

Position as on 6.30 Hrs of 22/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 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	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	
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.	
IPP	JSW (J) U3	300	20/02/2021	11.09		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Erath Fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 22/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 I	InterState	21/02/2021	17.58		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/02/2021	19.50	21/02/2021	07.40	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/02/2021	19.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/02/2021	22.32		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
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)
Karad - Sadawagpur I	IntraState	20/02/2021	09.59	21/02/2021	12.24	PO	Replacement of flashover disc insulator string at Loc. No.76 R-ph found during tripping on dtd.18.02.2021.
220 KV ICT Outages/Trippings							
Saki : 220 / 110 / 33 250 MVA ICT 1	IntraState	21/02/2021	09.41	21/02/2021	17.50	PO	Fire DPR Work And Testing.
220/33kv 100 MVATransformer 2 @Versova R/S	IntraState	21/02/2021	10.09	21/02/2021	21.12	PO	Erection Of 33KV Incomer Cable Support Structure For NGT #2 And Charging Of Bord 8 Section 1 Under 33KV Ais To Gis Conversion Scheme.
220/33kv 100 MVATransformer 2 @Versova R/S	IntraState	21/02/2021	21.28	21/02/2021	22.18	HT	Opened Again To Inspect Abnormal Sound In CB.

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