

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.219	2778.385	1) Gujrat	1.928	7.252
2) Hydro	4.347	185.479	2) Madhya Pradesh	9.594	119.857
3) Gas	6.804	118.723	3) Chattisgarh	4.730	94.190
Total MSPGCL	149.370	3082.587	4) Maharashtra	123.762	2377.325
B) 1) APML	61.510	1027.909	5) Goa (Amona)	-1.294	-17.712
2) JSWEL	11.616	216.117	Total	138.720	2580.912
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.547	368.734
4) RPL(AMT)	23.292	489.887	b) Mumbai Drawl	23.193	396.504
5) WPCL	6.878	142.055	c) MSEDCL Bilateral *	25.488	510.321
6) Other IPP	12.649	321.180	Include PX	-2.903	-24.419
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.547	364.687
C) 1) TPCL Thermal	4.920	148.542	Include PX	9.202	108.685
2) TPCL Hydro	6.251	81.010	Standby	0.000	4.047
3) TPCL Gas	4.417	69.155	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.806	179.361	1) MSEDCL	400.616	7759.815
D) STATE			2) Mumbai Discoms	49.587	874.574
1) Thermal	269.890	5303.436	TOTAL STATE	450.203	8634.389
(A1+C1+C4+(B1-B6))					
2) Hydro	10.598	266.489			
(A2+C2)					
3) Gas	11.221	187.878			
(A3+B7+C3)					
4) Wind	13.426	158.322			
6) SOLAR	6.348	137.350			
TOTAL STATE	311.483	6053.475			

* 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 24 Hrs
MSPGCL Thermal	6345	6229	6099	4530
MSPGCL Hydro	192	140	200	104
MSPGCL Gas	269	268	290	283
MSPGCL Total Generation	6806	6638	6590	4916
Central Sector Receipt	7112	6714	5220	5148
WIND	507	396	778	577
CPP / IPP Thermal	5603	5252	4534	3859
CPP / IPP Gas	0	0	0	0
SOLAR	982	982	2	0
Exchange with Mumbai	-1280	-1230	-1026	-845
MSEDCL DEMAND MET	19730	18752	16098	13656
Load Shedding	0	0	0	0
MSEDCL DEMAND	19730	18752	16098	13656
TPCL GENERATION	790	813	875	440
AEML GENERATION	501	501	500	501
MUMBAI DEMAND	2571	2544	2401	1786
STATE DEMAND MET	22300	21296	18498	15442
STATE DEMAND	22300	21296	18498	15442
Frequency (Hz)	50.02	49.95	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18:02 Hrs	49.82 Hz at 16:28 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 18/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	11.25	214.50	591	369
Unit 9	10.97	195.95	542	310
Unit 10	0.44	137.85	192	0
Total	22.66	560.10		
Bhusawal				
Unit 3	3.27	8.60	180	125
Unit 4	9.88	194.59	480	280
Unit 5	9.96	191.11	500	280
Total	23.11	394.30		
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	3.19	60.96	145	112
Unit 4	3.56	63.01	159	131
Unit 5	8.64	93.05	435	275
Unit 6	8.83	171.41	425	285
Unit 7	9.08	160.13	445	280
Unit 8	11.31	201.76	500	283
Unit 9	10.66	200.05	492	280
Total	55.26	950.38		
Paras				
Unit 3	4.08	88.61	217	155
Unit 4	4.70	78.00	240	154
Total	8.78	166.61		
Khaparkheda				
Unit 1	3.16	58.94	145	115
Unit 2	3.46	64.36	170	115
Unit 3	4.02	77.65	195	132
Unit 4	4.00	73.22	200	130
Unit 5	10.59	120.79	490	294
Total	25.24	394.96		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.17	61.09	168	122
Unit 5	0.00	0.00	0	0
Total	3.17	61.09		
Uran				
All Units	6.80	118.72	295	268
Total	6.80	118.72		
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)	0.04	4.19	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	4.19		
Koyna				
Stage 1-2	1.52	54.34	255	35
Stage 4	0.00	46.83	0	0
Stage 3	0.43	22.03	160	0
Total	1.95	123.20		
Hydro				
KDPH	0.44	10.39	19	19
VTRNA	0.39	6.76	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	4.53	80	0
RNGR+BHTSA	0.36	6.25	16	15
BHANDARDRA	0.47	1.83	35	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	8.63	16	15
GHATGHAR	0.00	22.83	0	0
Total	2.40	62.28		
Wind				
Total	13.43	158.32	0	0
Total	13.43	158.32		
CPP				
APML(Mus)	61.51	1027.91	0	0
JSWEL(Mus)	11.62	216.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.29	489.89	0	0
WPCL(Mus)	6.88	142.06	0	0
Other(Mus)	12.65	321.18	0	0
Total	115.94	2197.15		
SOLAR				
Total	6.35	137.35	0	0
Total	6.35	137.35		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	43.63	117	117
Trombay 7B	1.61	25.52	68	66
Trombay 8	4.92	86.34	237	136
TATA Hydro	6.25	81.01	459	26
Total	15.59	298.71		
AEML				
DTPS U-1&2	10.81	179.36	502	282
Total	10.81	179.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.22	2778.38	MSPGCL Total	149.37	3082.59
			MSPGCL Thml+Gas	145.02	2897.11	Koyna 1,2 & 4 Total	1.52	101.17
			MSPGCL Hydro	4.35	185.48	State Total	311.48	6053.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5112	110	294	5516	481	4472	0	0	5647	5746	-758	15458	0	15458	1670	17128	50.00
2	5143	106	293	5542	520	4423	0	0	5543	5380	-725	15140	0	15140	1559	16698	49.96
3	5182	110	284	5576	521	4405	0	0	5520	5337	-837	15002	0	15002	1479	16480	50.01
4	5003	120	294	5416	519	4403	0	0	5478	5566	-799	15106	0	15106	1429	16534	49.93
5	5352	110	293	5754	461	4379	0	0	5516	5276	-814	15056	0	15056	1446	16502	49.93
6	6192	130	294	6616	610	4491	0	0	5633	5460	-886	16290	0	16290	1526	17816	49.97
7	6356	124	284	6764	748	5233	0	1	5720	5557	-833	17470	0	17470	1638	19108	49.99
8	6476	178	295	6950	930	5799	0	54	5795	5539	-816	18456	0	18456	1818	20274	50.01
9	6435	274	284	6992	763	5719	0	255	6190	6109	-811	19028	0	19028	2103	21130	50.01
10	6380	554	292	7226	720	5546	0	514	6272	6529	-983	19552	0	19552	2347	21900	49.97
11	6405	238	270	6912	624	5741	0	782	6721	6420	-1229	19250	0	19250	2523	21774	50.00
12	6345	192	269	6806	507	5603	0	982	7030	7112	-1280	19730	0	19730	2571	22300	50.02
13	6229	140	268	6638	396	5252	0	982	6998	6714	-1230	18752	0	18752	2544	21296	49.95
14	6285	108	278	6672	346	4844	0	948	6879	6603	-1042	18370	0	18370	2419	20790	49.98
15	6263	258	268	6790	327	4866	0	816	6908	6681	-1046	18434	0	18434	2422	20856	49.92
16	6249	222	268	6738	306	5215	0	635	6678	6519	-1055	18358	0	18358	2432	20790	49.89
17	6318	158	278	6754	496	5299	0	296	6147	5733	-1053	17524	0	17524	2430	19954	49.91
18	6325	174	270	6770	439	4964	0	81	5536	5228	-1037	16444	0	16444	2413	18858	50.01
19	6099	200	290	6590	778	4534	0	2	5291	5220	-1026	16098	0	16098	2401	18498	49.99
20	5649	218	281	6148	691	4448	0	0	5194	4336	-1037	14586	0	14586	2414	17000	50.01
21	4862	196	285	5344	518	4368	0	0	5775	5286	-1037	14478	0	14478	2256	16734	50.00
22	4499	178	295	4972	575	4175	0	0	5992	5644	-1063	14304	0	14304	2059	16362	49.99
23	4530	144	294	4968	573	3907	0	0	5532	5577	-951	14074	0	14074	1902	15976	49.97
24	4530	104	283	4916	577	3859	0	0	5558	5148	-845	13656	0	13656	1786	15442	50.00
MUs	138.2 2	4.35	6.80	149.37	13.43	115.95	0.00	6.35	143.55	138.72	-23.19	400.62	0.00	400.62	49.59	450.20	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 18/Feb/2021

Position as on 6.30 Hrs of 19/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	
MSPGCL	Koradi Unit 10	660	17/02/2021	23.19	18/02/2021	20.29	Electrical Fault	
IPP	JSW (J) U4	300	18/02/2021	00.08	18/02/2021	12.02	Heavy oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 19/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	17/02/2021	08.37	18/02/2021	11.33	PO	Earth Wire replacement work
Dhule Sar'Sarovar II	InterState	18/02/2021	18.34		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/02/2021	21.50	18/02/2021	06.55	HT	Over Voltage
Taptitanda Waluj	IntraState	18/02/2021	09.31	18/02/2021	16.33	PO	Auto-Reclose to be taken out of service during PID work on daily basis for the scheduled work period.
Chandrapur - Parli	IntraState	18/02/2021	10.50	18/02/2021	19.21	PO	Line Maintenance work
Chandrapur-Parali III	IntraState	18/02/2021	10.50	18/02/2021	19.21	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	18/02/2021	18.05		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	18/02/2021	20.13		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
400/220KV 500MVA ICT1@koradi 2	IntraState	18/02/2021	14.02	18/02/2021	17.01	T	NDR Operated
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	18/02/2021	17.52	18/02/2021	19.42	T	Bucchoz Protection Optd
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)
Khaparkheda-Butibori 3	InterState	17/02/2021	23.26	18/02/2021	06.28	T	Distance Protection
Miraj - Mhaishal	IntraState	18/02/2021	01.43	18/02/2021	06.53	T	Distance Protection
Wardha Butibori-III	IntraState	18/02/2021	09.29	18/02/2021	14.20	T	Distance Protection
Parli New Tps - Beed Ckt 1	IntraState	18/02/2021	10.15	18/02/2021	12.32	PO	Line Maintenance work
Chandrapur GCR - Sicom I	IntraState	18/02/2021	10.15	18/02/2021	17.19	PO	Line Maintenance work
Chinchwad2 - TELCO	IntraState	18/02/2021	10.30	18/02/2021	18.56	PO	AT Chwd2-relay testing,AR trials,Replacement of damage WT jumps,Measurement of CB IR,CRM,timing.
Parli New Tps - Beed Ckt 2	IntraState	18/02/2021	12.33	18/02/2021	14.10	PO	Line Maintenance work
New Koyna - Pedambe	IntraState	18/02/2021	17.52		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	17/02/2021	23.35	18/02/2021	13.21	T	Differential protection
220/132 kv 200MVA ICT II @ Girwali	IntraState	18/02/2021	11.43		Continued.	PO	Testing Work

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