

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.999	3336.392	1) Gujrat	1.467	11.691
2) Hydro	8.581	212.721	2) Madhya Pradesh	7.342	149.667
3) Gas	6.628	145.490	3) Chattisgarh	4.900	113.760
Total MSPGCL	164.208	3694.603	4) Maharashtra	121.677	2825.447
B) 1) APMIL	69.450	1267.198	5) Goa (Amona)	-1.071	-22.514
2) JSWEL	10.403	256.895	Total	134.315	3078.051
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.065	451.516
4) RPL(AMT)	27.359	578.144	b) Mumbai Drawl	24.988	492.570
5) WPCL	3.272	157.737	c) MSEDCL Bilateral *	20.546	570.201
6) Other IPP	17.830	383.493	Include PX	-3.923	-62.266
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.065	447.469
C) 1) TPCL Thermal	5.038	167.211	Include PX	9.759	142.974
2) TPCL Hydro	6.365	102.615	Standby	0.000	4.047
3) TPCL Gas	4.418	84.411	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.232	220.157	1) MSEDCL	419.124	9333.913
D) STATE			2) Mumbai Discoms	52.041	1066.965
1) Thermal	293.583	6367.227	TOTAL STATE	471.165	10400.878
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.946	315.336			
3) Gas (A3+B7+C3)	11.046	229.901			
4) Wind	9.198	242.460			
6) SOLAR	8.077	167.902			
TOTAL STATE	336.850	7322.826			

* 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 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6559	6478	6393	4935
MSPGCL Hydro	578	370	435	127
MSPGCL Gas	267	266	279	283
MSPGCL Total Generation	7404	7114	7107	5345
Central Sector Receipt	6395	6112	5234	5257
WIND	617	589	246	606
CPP / IPP Thermal	5825	5741	5868	4438
CPP / IPP Gas	0	0	0	0
SOLAR	1131	1105	0	0
Exchange with Mumbai	-1287	-1278	-1146	-829
MSEDCL DEMAND MET	20085	19383	17309	14817
Load Shedding	0	0	0	0
MSEDCL DEMAND	20085	19383	17309	14817
TPCL GENERATION	877	876	850	324
AEML GENERATION	500	499	500	500
MUMBAI DEMAND	2664	2653	2496	1653
STATE DEMAND MET	22749	22036	19805	16470
STATE DEMAND	22749	22036	19805	16470
Frequency (Hz)	49.89	49.98	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22:00 Hrs	49.68 Hz at 05:50 Hrs	49.97	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 22/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	12.32	261.70	565	390
Unit 9	11.27	240.00	495	405
Unit 10	12.19	184.24	550	397
Total	35.78	697.74		
Bhusawal				
Unit 3	3.70	22.02	185	120
Unit 4	10.59	232.22	475	285
Unit 5	10.32	228.29	500	280
Total	24.61	482.54		
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	73.23	156	120
Unit 4	3.31	73.10	158	128
Unit 5	9.68	126.50	450	280
Unit 6	9.63	205.64	440	285
Unit 7	0.00	176.21	0	0
Unit 8	11.37	241.78	500	285
Unit 9	11.21	239.41	500	283
Total	48.39	1135.87		
Paras				
Unit 3	4.81	106.71	230	150
Unit 4	5.28	96.13	250	154
Total	10.09	202.84		
Khaparkheda				
Unit 1	3.25	71.10	155	115
Unit 2	3.84	77.68	175	115
Unit 3	4.51	93.21	200	135
Unit 4	4.43	88.43	200	135
Unit 5	10.89	162.14	500	420
Total	26.92	492.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.20	73.89	194	121
Unit 5	0.00	0.00	0	0
Total	3.20	73.89		
Uran				
All Units	6.63	145.49	293	256
Total	6.63	145.49		
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	4.46	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	4.46		
Koyna				
Stage 1-2	2.37	64.28	410	40
Stage 4	1.12	48.38	250	0
Stage 3	0.89	24.93	80	0
Total	4.38	137.59		
Hydro				
KDPH	0.89	13.74	37	37
VTRNA	0.46	8.56	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	5.84	80	0
RNGR+BHTSA	0.32	7.56	14	13
BHANDARDRA	0.46	3.21	29	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	10.24	18	17
GHATGHAR	1.27	24.92	250	0
Total	4.20	75.13		
Wind				
Total	9.20	242.46	0	0
Total	9.20	242.46		
CPP				
APML(Mus)	69.45	1267.20	0	0
JSWEL(Mus)	10.40	256.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.36	578.14	0	0
WPCL(Mus)	3.27	157.74	0	0
Other(Mus)	17.83	383.49	0	0
Total	128.31	2643.47		
SOLAR				
Total	8.08	167.90	0	0
Total	8.08	167.90		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	53.00	117	114
Trombay 7B	1.62	31.42	68	67
Trombay 8	5.04	105.01	237	140
TATA Hydro	6.36	102.62	459	5
Total	15.82	354.24		
AEML				
DTPS U-1&2	11.23	220.16	501	282
Total	11.23	220.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.00	3336.39	MSPGCL Total	164.21	3694.60
			MSPGCL Thml+Gas	155.63	3481.88	Koyna 1,2 & 4 Total	3.49	112.66
			MSPGCL Hydro	8.58	212.72	State Total	336.85	7322.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4652	237	282	5171	770	4433	0	0	5281	5381	-929	14826	0	14826	1753	16579	49.96
2	4935	127	283	5345	606	4438	0	0	5174	5257	-829	14817	0	14817	1653	16470	50.00
3	5280	122	282	5684	547	4402	0	0	5098	5194	-850	14978	0	14978	1571	16548	50.00
4	5340	127	293	5760	380	4394	0	0	5184	5532	-910	15156	0	15156	1517	16674	49.97
5	5994	122	283	6399	421	4404	0	0	5170	5163	-916	15470	0	15470	1525	16996	49.98
6	6371	132	293	6796	406	4827	0	0	5259	5206	-973	16262	0	16262	1591	17853	49.85
7	6451	235	283	6969	370	5713	0	7	5487	5413	-687	17785	0	17785	1713	19498	49.94
8	6508	825	284	7617	338	5909	0	130	5496	5859	-726	19127	0	19127	1881	21008	49.99
9	6507	872	293	7672	286	5932	0	454	5749	5624	-903	19066	0	19066	2159	21224	50.04
10	6548	707	270	7525	305	5909	0	769	5953	6314	-1064	19758	0	19758	2442	22200	50.02
11	6588	543	268	7399	425	5869	0	992	6353	6049	-1237	19497	0	19497	2615	22112	49.93
12	6559	578	267	7404	617	5825	0	1131	6632	6395	-1287	20085	0	20085	2664	22749	49.89
13	6478	370	266	7114	589	5741	0	1105	6324	6112	-1278	19383	0	19383	2653	22036	49.98
14	6425	255	256	6936	503	5398	0	1112	6302	6205	-1169	18985	0	18985	2528	21513	49.98
15	6451	602	265	7318	414	5411	0	971	6273	6257	-1183	19188	0	19188	2555	21743	49.90
16	6487	370	266	7123	399	5720	0	770	6428	6190	-1184	19018	0	19018	2559	21578	49.92
17	6436	525	267	7228	367	5835	0	479	6078	5762	-1171	18500	0	18500	2549	21049	49.95
18	6449	341	268	7058	319	5756	0	151	5618	5310	-1163	17431	0	17431	2524	19955	50.00
19	6460	260	268	6988	273	5806	0	6	5312	5137	-1120	17090	0	17090	2483	19573	49.93
20	6393	435	279	7107	246	5868	0	0	5244	5234	-1146	17309	0	17309	2496	19805	49.99
21	6287	211	270	6768	185	5765	0	0	4912	4896	-1103	16511	0	16511	2363	18874	50.02
22	6462	207	280	6949	187	5506	0	0	5378	5013	-1125	16530	0	16530	2198	18728	50.04
23	6433	207	281	6921	138	4820	0	0	5628	5467	-1065	16281	0	16281	2071	18352	49.96
24	6505	171	281	6957	107	4632	0	0	5554	5345	-970	16071	0	16071	1978	18049	49.94
MUs	149.00	8.58	6.63	164.21	9.20	128.31	0.00	8.08	135.89	134.31	-24.99	419.12	0.00	419.12	52.04	471.17	49.97

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 22/Feb/2021

Position as on 6.30 Hrs of 23/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	
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.	
MSPGCL	Paras Unit 3	250	23/02/2021	04.03		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 23/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	22/02/2021	0.7.59	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/02/2021	18.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	21/02/2021	19.29	22/02/2021	07.46	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/02/2021	22.32	22/02/2021	11.45	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	22/02/2021	09.05	22/02/2021	18.03	HT	Replacement work
Koradi-Bhusawal	IntraState	22/02/2021	09.18	22/02/2021	18.02	PO	Overhauling of 400kv main Bus-1 & 2 PG isolator
Chandrapur - Khaperkheda	IntraState	22/02/2021	13.22	22/02/2021	18.08	EO	Disc replacement work at LOC 110.
Main Bus @ Taptitanda	IntraState	22/02/2021	18.51	22/02/2021	21.24	T	Busbar protection operated while charging ICT 2.
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 ICT-II@Taptitanda	IntraState	22/02/2021	11.27	22/02/2021	22.59	PO	Diagnostic testing work
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)
Chandrapur(MIDC)-Ballarshah II	IntraState	22/02/2021	08.10	22/02/2021	21.30	PO	Nut bolt tightning. missing member fixing, and other balance work of line.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	22/02/2021	08.13	22/02/2021	19.19	PO	Nut bolt tightening. missing member fixing, and other balance work of line.
Trombay Carnac 5	IntraState	22/02/2021	08.39	22/02/2021	20.22	PO	Civil Activity Work
Loteparshuram- Dasturi Line	IntraState	22/02/2021	09.01	22/02/2021	21.11	PO	Dismantling of Old Tower
Karad(400kv) - Wathar	IntraState	22/02/2021	09.42	22/02/2021	18.32	PO	Insulator string cleaning by cold line
Kadegaon-Miraj	IntraState	22/02/2021	09.52	22/02/2021	16.47	PO	cold washing Insulator
Chandrapur GCR - Sicom II	IntraState	22/02/2021	10.23	22/02/2021	20.14	PO	Alignment of isolator & overhauling of mechanism box of 29C 29D isolator by agency.
Bhandara-Bhandara Rly Tss 1	IntraState	22/02/2021	10.44	22/02/2021	15.50	PO	Diagnostic testing work.
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	22/02/2021	11.19	22/02/2021	11.32	HT	In view of outage on taptitanda ICT 1.
Kandalgaon - Koyna (Pophali)	IntraState	22/02/2021	15.05	22/02/2021	17.45	PO	Dismantling of Old Tower
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	22/02/2021	09.58		Continued.	PO	Breaker overhauling work
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	22/02/2021	10.45	22/02/2021	17.58	PO	Testing Work
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	22/02/2021	11.05	22/02/2021	14.50	PO	IR Value Measurment Work Of LA
220/132KV 200MVA ICT II @Kurkumbh	IntraState	22/02/2021	15.00	22/02/2021	14.50	PO	IR Value Measurment Work Of LA

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