

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Feb/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.356	1874.633	1) Gujrat	0.048	0.455
2) Hydro	12.202	127.288	2) Madhya Pradesh	6.795	68.083
3) Gas	6.875	77.592	3) Chattisgarh	4.850	64.220
Total MSPGCL	167.433	2079.513	4) Maharashtra	138.018	1572.940
B) 1) APML	57.303	672.559	5) Goa (Amona)	-0.770	-11.705
2) JSWEL	11.968	146.911	Total	148.941	1693.993
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.302	246.170
4) RPL(AMT)	29.699	329.268	b) Mumbai Drawl	24.037	261.025
5) WPCL	8.325	96.516	c) MSEDCL Bilateral *	31.130	332.639
6) Other IPP	18.618	223.920	Include PX	0.195	-27.926
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.302	242.123
C) 1) TPCL Thermal	4.986	118.125	Include PX	8.415	60.501
2) TPCL Hydro	5.899	49.847	Standby	0.000	4.047
3) TPCL Gas	4.363	42.802	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.958	113.498	1) MSEDCL	432.339	5191.857
D) STATE			2) Mumbai Discoms	50.243	585.299
1) Thermal	290.213	3575.430	TOTAL STATE	482.582	5777.156
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	18.101	177.135			
3) Gas (A3+B7+C3)	11.238	120.394			
4) Wind	6.353	115.510			
6) SOLAR	7.736	94.692			
TOTAL STATE	333.641	4083.161			

* 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 3 Hrs
MSPGCL Thermal	6395	6353	6238	5973
MSPGCL Hydro	1160	1108	244	96
MSPGCL Gas	280	268	291	295
MSPGCL Total Generation	7834	7730	6772	6364
Central Sector Receipt	7268	7121	5731	5440
WIND	123	50	189	318
CPP / IPP Thermal	5550	5531	5450	4435
CPP / IPP Gas	0	0	0	0
SOLAR	1101	1115	0	0
Exchange with Mumbai	-1234	-1221	-1070	-887
MSEDCL DEMAND MET	20642	20326	17072	15670
Load Shedding	0	0	0	0
MSEDCL DEMAND	20642	20326	17072	15670
TPCL GENERATION	825	838	848	344
AEML GENERATION	500	500	500	283
MUMBAI DEMAND	2559	2559	2418	1514
STATE DEMAND MET	23202	22884	19490	17184
STATE DEMAND	23202	22884	19490	17184
Frequency (Hz)	49.99	50.01	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.01 Hrs	49.79 Hz at 05.46 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 12/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	12.21	141.62	575	382
Unit 9	11.93	143.96	525	421
Unit 10	0.00	95.67	0	0
Total	24.14	393.06		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.17	128.47	475	415
Unit 5	11.00	125.09	475	370
Total	22.16	253.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.60	64.99	250	197
Unit 7	5.53	64.46	249	198
Unit 8	5.60	65.91	251	200
Total	16.74	195.36		
Chandrapur				
Unit 3	3.36	41.76	144	138
Unit 4	3.55	41.63	160	135
Unit 5	0.00	56.32	0	0
Unit 6	9.93	115.07	429	400
Unit 7	8.69	101.06	390	349
Unit 8	9.89	134.81	471	159
Unit 9	11.29	132.39	493	437
Total	46.71	623.04		
Paras				
Unit 3	4.68	62.18	240	125
Unit 4	4.85	62.95	248	135
Total	9.52	125.12		
Khaparkheda				
Unit 1	3.23	39.48	150	115
Unit 2	3.54	43.50	170	120
Unit 3	4.05	52.33	190	148
Unit 4	4.26	48.66	190	165
Unit 5	10.38	59.15	496	400
Total	25.46	243.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.62	41.37	200	121
Unit 5	0.00	0.00	0	0
Total	3.62	41.37		
Uran				
All Units	6.88	77.59	306	257
Total	6.88	77.59		
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)	0.10	3.59	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	3.59		
Koyna				
Stage 1-2	2.74	38.98	345	40
Stage 4	4.22	32.13	750	0
Stage 3	1.40	15.71	240	0
Total	8.37	86.82		
Hydro				
KDPH	0.44	5.95	19	19
VTRNA	0.51	4.18	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	2.64	80	0
RNGR+BHTSA	0.27	4.22	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	5.51	22	21
GHATGHAR	1.72	16.91	250	0
Total	3.84	40.47		
Wind				
Total	6.35	115.51	0	0
Total	6.35	115.51		
CPP				
APML(Mus)	57.30	672.56	0	0
JSWEL(Mus)	11.97	146.91	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	29.70	329.27	0	0
WPCL(Mus)	8.32	96.52	0	0
Other(Mus)	18.62	223.92	0	0
Total	125.91	1469.17		
SOLAR				
Total	7.74	94.69	0	0
Total	7.74	94.69		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	26.92	115	115
Trombay 7B	1.60	15.89	67	66
Trombay 8	4.99	55.93	233	138
TATA Hydro	5.90	49.85	444	10
Total	15.25	210.77		
AEML				
DTPS U-1&2	10.96	113.50	502	283
Total	10.96	113.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.36	1874.63	MSPGCL Total	167.43	2079.51
			MSPGCL Thml+Gas	155.23	1952.22	Koyna 1,2 & 4 Total	6.96	71.11
			MSPGCL Hydro	12.20	127.29	State Total	333.64	4083.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5948	136	294	6378	265	4744	0	0	5632	5576	-873	16090	0	16090	1713	17804	49.97
2	5994	102	294	6390	317	4639	0	0	5480	5470	-898	15918	0	15918	1593	17510	49.99
3	5973	96	295	6364	318	4435	0	0	5495	5440	-887	15670	0	15670	1514	17184	50.00
4	6098	100	295	6494	268	4345	0	0	5616	5628	-843	15892	0	15892	1471	17362	50.01
5	6107	210	295	6612	376	4800	0	0	5575	5746	-849	16686	0	16686	1477	18162	50.00
6	6221	130	296	6648	459	5282	0	0	5843	5833	-884	17338	0	17338	1563	18900	49.95
7	6339	818	296	7454	533	5555	0	1	5989	5905	-680	18768	0	18768	1695	20462	50.01
8	6422	1456	306	8184	593	5642	0	95	5984	5759	-641	19632	0	19632	1852	21484	49.96
9	6488	1490	295	8272	360	5678	0	406	6275	6272	-809	20180	0	20180	2109	22288	50.04
10	6489	1584	294	8366	273	5678	0	700	6681	6562	-1000	20580	0	20580	2355	22934	50.00
11	6471	1154	281	7906	194	5660	0	928	7121	6938	-1189	20436	0	20436	2520	22956	49.97
12	6395	1160	280	7834	123	5550	0	1101	7314	7268	-1234	20642	0	20642	2559	23202	49.99
13	6353	1108	268	7730	50	5531	0	1115	7247	7121	-1221	20326	0	20326	2559	22884	50.01
14	6323	588	268	7180	56	5557	0	1095	7113	7050	-1124	19814	0	19814	2444	22258	50.05
15	6312	174	278	6764	68	5547	0	979	7331	7277	-1140	19494	0	19494	2440	21934	49.98
16	6255	248	257	6760	83	5567	0	715	7426	7394	-1113	19406	0	19406	2450	21856	50.02
17	6168	316	289	6772	83	5591	0	465	6696	6839	-1105	18646	0	18646	2440	21086	50.03
18	6184	162	270	6616	124	5603	0	134	6271	6288	-1041	17724	0	17724	2396	20120	50.03
19	6181	200	281	6662	138	5511	0	2	5838	5748	-1106	16954	0	16954	2382	19336	50.02
20	6238	244	291	6772	189	5450	0	0	5642	5731	-1070	17072	0	17072	2418	19490	50.01
21	6167	200	272	6640	277	5128	0	0	5595	5678	-1141	16582	0	16582	2301	18882	50.02
22	5861	254	293	6408	412	4564	0	0	5972	5824	-1202	16006	0	16006	2148	18154	50.01
23	5639	158	293	6090	402	4843	0	0	5836	6023	-1057	16302	0	16302	1990	18292	49.99
24	5730	116	294	6140	392	5013	0	0	5808	5571	-930	16186	0	16186	1854	18040	50.01
MUs	148.36	12.20	6.87	167.43	6.35	125.91	0.00	7.74	149.78	148.94	-24.04	432.34	0.00	432.34	50.24	482.58	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 12/Feb/2021

Position as on 6.30 Hrs of 13/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
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.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
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.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
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)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	
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	Chandrapur Unit 5	500	06/02/2021	20.16		Continued.	Clinker Formation In Boiler.	
MSPGCL	Koradi Unit 10	660	09/02/2021	15.10		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	12/02/2021	21.21	13/02/2021	01.17	Drum level high.	
MSPGCL	Paras Unit 4	250	13/02/2021	03.54		Continued.	Coal blunker problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 13/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	11/02/2021	18.10	12/02/2021	05.53	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/02/2021	18.21		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/02/2021	19.27	12/02/2021	05.58	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	11/02/2021	20.08	12/02/2021	06.36	HT	Over Voltage
Koradi III(Adani)-Koradi II ckt 2	IntraState	12/02/2021	08.50	12/02/2021	20.31	PO	Line Signature Test and line maintenance work.
Cahndrapur II - Dhariwal II	IntraState	12/02/2021	08.51	12/02/2021	20.06	PO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	12/02/2021	19.59		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
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	11/02/2021	10.50	12/02/2021	10.37	PO	DT/Routine Maintenance.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12	12/02/2021	10.15	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)
Mahalakshmi Amona	InterState	12/02/2021	01.35	12/02/2021	03.31	T	Distance Protection
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
Main Bus-III @ Mudshingi	IntraState	12/02/2021	07.25	12/02/2021	07.38	T	Bus Bar Broken Operated.
Bus B @ Padaghe	IntraState	12/02/2021	07.40	12/02/2021	18.59	PO	For replacement of Broken conductor of 220kv B Bus hybrid pass from bushing to main Bus conductor of R. Y & B Phase.
Niwali - Pawas Line	IntraState	12/02/2021	08.08	12/02/2021	18.54	PO	Cold washing of insulator strings.
chandrapur-Tadali	IntraState	12/02/2021	08.45	12/02/2021	09.20	PO	Jumper Nut bolt tightening.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	12/02/2021	08.45	12/02/2021	18.05	PO	Stringing work and erection Work of n 220kv KRISHNOOR ckt 1 At loc no 1.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	12/02/2021	08.48	12/02/2021	19.32	PO	Jumper Nut bolt tightening.
Topworth - Kharghar	IntraState	12/02/2021	09.24		Continued.	PO	Replacement of flash over polymer insulator at Loc no. 665 (Cut point) Top - B-phase.(Breaker problem at Topworth From 15.30 hrs
Dahanu Versova	IntraState	12/02/2021	09.37	12/02/2021	11.47	PO	Removal of Foreign material from conductor / insulator / hardware on SS 209, 246, 274, 278 & 280.
Koyna (Pophali) - Kdph	IntraState	12/02/2021	10.20	12/02/2021	17.35	PO	For replacement of damaged conductor & jumper at Loc no. 20 & replacement of conductor hardware at Loc no. 21.
Butibori - VIPL Ckt I	IntraState	12/02/2021	10.51	12/02/2021	17.40	PO	For diagnostic Testing work.
Chitegaon-Shendra Ckt-II	IntraState	12/02/2021	11.10	12/02/2021	19.41	PO	220kV Shendra 2PGCIL Ckt No. II, 245kV Circuit Breaker Servicing & Overhauling work by Agency & Quarterly Maint. & 89C Isolator Maintenance work.
Solapur(Bale) - Tuljapur	IntraState	12/02/2021	11.46	12/02/2021	14.31	PO	Routine Relay Testing work by Testing unit Latur.

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 12/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 13/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar Versova Line	IntraState	12/02/2021	12.02	12/02/2021	13.22	PO	Removal of Foreign material from conductor / insulator / hardware on SS 209, 246, 274, 278 & 280.
Kalwa Panchanand	IntraState	12/02/2021	12.28	12/02/2021	17.04	PO	Relay testing and other diagnostic works.
Kharghar - Nerul	IntraState	12/02/2021	13.12	12/02/2021	19.59	PO	For OPGW Stringing work in between Loc. No.3 to Nerul Gantry.
Shivajinagar - Malegaon	IntraState	12/02/2021	15.40	12/02/2021	19.30	PO	For replacement of Jumpers with Jump Cone with new One at Loc.No.201,202.&204.
220 KV ICT Outages/Trippings							
220/33kv 100 Mva Transformer 1 @Ghodbunder R/S	IntraState	12/02/2021	08.29	12/02/2021	18.35	PO	33kV AIS to GIS work (Foundation preparation for fabrication of cable support structure near NGT 1).
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	12/02/2021	16.20		Continued.	PO	Outage is required for Oil Filtration work.

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