

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.187	160.187	1) Gujrat	-1.629	-1.629
2) Hydro	6.585	6.585	2) Madhya Pradesh	4.664	4.664
3) Gas	6.807	6.807	3) Chattisgarh	5.890	5.890
Total MSPGCL	173.579	173.579	4) Maharashtra	125.181	125.181
B) 1) APML	55.857	55.857	5) Goa (Amona)	-1.064	-1.064
2) JSWEL	17.093	17.093	Total	133.042	133.042
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.032	17.032
4) RPL(AMT)	25.865	25.865	b) Mumbai Drawl	18.912	18.912
5) WPCL	7.293	7.293	c) MSEDCL Bilateral *	25.100	25.100
6) Other IPP	18.300	18.300	Include PX	-4.533	-4.533
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.032	17.032
C) 1) TPCL Thermal	12.519	12.519	Include PX	2.850	2.850
2) TPCL Hydro	4.085	4.085	Standby	0.000	0.000
3) TPCL Gas	3.871	3.871	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.019	9.019	1) MSEDCL	428.076	428.076
D) STATE			2) Mumbai Discoms	48.406	48.406
1) Thermal	306.133	306.133	TOTAL STATE	476.482	476.482
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.670	10.670			
3) Gas (A3+B7+C3)	10.678	10.678			
4) Wind	9.091	9.091			
6) SOLAR	6.868	6.868			
TOTAL STATE	343.440	343.440			

* 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 4 Hrs
MSPGCL Thermal	7238	7261	7311	5165
MSPGCL Hydro	782	519	340	118
MSPGCL Gas	267	277	269	294
MSPGCL Total Generation	8287	8057	7920	5577
Central Sector Receipt	6825	6626	4229	4995
WIND	235	170	328	620
CPP / IPP Thermal	5800	5627	5583	4533
CPP / IPP Gas	0	0	0	0
SOLAR	1076	973	1	0
Exchange with Mumbai	-856	-835	-763	-442
MSEDCL DEMAND MET	21367	20618	17298	15283
Load Shedding	0	0	0	0
MSEDCL DEMAND	21367	20618	17298	15283
TPCL GENERATION	1158	1192	1129	615
AEML GENERATION	501	489	500	284
MUMBAI DEMAND	2515	2516	2392	1341
STATE DEMAND MET	23882	23134	19690	16624
STATE DEMAND	23882	23134	19690	16624
Frequency (Hz)	49.95	49.99	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.01 Hrs	49.78 Hz at 11.38 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 01/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.34	3.34	180	115
Unit 7	3.12	3.12	144	120
Unit 8	11.80	11.80	553	371
Unit 9	11.28	11.28	517	375
Unit 10	11.44	11.44	510	370
Total	40.97	40.97		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.68	9.68	475	280
Unit 5	9.70	9.70	475	285
Total	19.37	19.37		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.47	5.47	250	202
Unit 7	5.35	5.35	248	201
Unit 8	5.53	5.53	250	199
Total	16.35	16.35		
Chandrapur				
Unit 3	3.41	3.41	164	122
Unit 4	3.50	3.50	155	127
Unit 5	9.30	9.30	445	274
Unit 6	9.00	9.00	440	280
Unit 7	8.00	8.00	367	290
Unit 8	10.78	10.78	490	285
Unit 9	10.68	10.68	486	279
Total	54.67	54.67		
Paras				
Unit 3	4.79	4.79	221	158
Unit 4	5.23	5.23	250	154
Total	10.02	10.02		
Khaparkheda				
Unit 1	3.14	3.14	150	115
Unit 2	3.48	3.48	165	115
Unit 3	4.20	4.20	200	130
Unit 4	4.16	4.16	200	130
Unit 5	0.00	0.00	0	0
Total	14.97	14.97		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.83	3.83	199	124
Unit 5	0.00	0.00	0	0
Total	3.83	3.83		
Uran				
All Units	6.81	6.81	305	265
Total	6.81	6.81		
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)	0.54	0.54	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.54	0.54		
Koyna				
Stage 1-2	1.64	1.64	235	40
Stage 4	0.76	0.76	248	0
Stage 3	0.48	0.48	80	0
Total	2.88	2.88		
Hydro				
KDPH	0.89	0.89	37	37
VTRNA	0.46	0.46	60	0
TILLARI	0.37	0.37	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.08	40	0
RNGR+BHTSA	0.35	0.35	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	0.49	21	20
GHATGHAR	1.09	1.09	250	0
Total	3.71	3.71		
Wind				
Total	9.09	9.09	0	0
Total	9.09	9.09		
CPP				
APML(Mus)	55.86	55.86	0	0
JSWEL(Mus)	17.09	17.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.86	25.86	0	0
WPCL(Mus)	7.29	7.29	0	0
Other(Mus)	18.30	18.30	0	0
Total	124.41	124.41		
SOLAR				
Total	6.87	6.87	0	0
Total	6.87	6.87		
Tata				
Trombay 5	8.42	8.42	447	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	2.40	100	100
Trombay 7B	1.47	1.47	62	61
Trombay 8	4.10	4.10	235	138
TATA Hydro	4.08	4.08	357	0
Total	20.48	20.48		
AEML				
DTPS U-1&2	9.02	9.02	501	282
Total	9.02	9.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.19	160.19	MSPGCL Total	173.58	173.58
			MSPGCL Thml+Gas	166.99	166.99	Koyna 1,2 & 4 Total	2.40	2.40
			MSPGCL Hydro	6.58	6.58	State Total	343.44	343.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5895	113	293	6301	388	4510	0	0	5249	4776	-598	15377	0	15377	1508	16885	50.03
2	5269	118	294	5681	404	4506	0	0	5339	5222	-532	15281	0	15281	1433	16714	49.97
3	5154	113	294	5561	497	4513	0	0	5252	5154	-473	15252	0	15252	1373	16625	50.00
4	5165	118	294	5577	620	4533	0	0	5208	4995	-442	15283	0	15283	1341	16624	50.00
5	5235	118	293	5646	622	4520	0	0	5288	5281	-459	15610	0	15610	1356	16966	49.99
6	6190	118	294	6602	603	4520	0	0	5444	5647	-553	16819	0	16819	1451	18270	49.99
7	7073	207	294	7574	602	4686	0	1	5743	5468	-648	17683	0	17683	1576	19259	50.02
8	7290	343	305	7938	512	5555	0	62	5749	5745	-570	19242	0	19242	1766	21008	50.01
9	7402	357	293	8052	332	5937	0	330	5715	5564	-633	19582	0	19582	2063	21645	50.03
10	7405	604	292	8301	286	5913	0	617	5912	6150	-744	20523	0	20523	2298	22821	50.01
11	7367	759	280	8406	248	5909	0	880	6705	6329	-819	20953	0	20953	2464	23417	50.03
12	7238	782	267	8287	235	5800	0	1076	6994	6825	-856	21367	0	21367	2515	23882	49.95
13	7261	519	277	8057	170	5627	0	973	6869	6626	-835	20618	0	20618	2516	23134	49.99
14	7175	234	266	7675	157	5664	0	954	6886	6861	-1035	20276	0	20276	2395	22671	50.02
15	7189	359	265	7813	112	5689	0	830	6822	6756	-1119	20081	0	20081	2384	22465	49.97
16	7186	180	266	7632	164	5798	0	662	6656	6410	-919	19747	0	19747	2392	22139	49.99
17	7177	175	267	7619	224	5779	0	387	6171	6073	-903	19179	0	19179	2380	21559	49.90
18	7233	260	278	7771	255	5690	0	95	4773	4736	-861	17686	0	17686	2404	20090	49.99
19	7311	340	269	7920	328	5583	0	1	4296	4229	-763	17298	0	17298	2392	19690	50.04
20	7160	175	290	7625	401	5523	0	0	4787	4370	-1050	16869	0	16869	2327	19196	50.05
21	7111	176	271	7558	420	5218	0	0	4275	4360	-1173	16383	0	16383	2235	18618	50.02
22	6560	174	291	7025	390	4458	0	0	5198	4928	-1085	15716	0	15716	2088	17804	50.03
23	6091	132	292	6515	556	4246	0	0	5403	5357	-981	15693	0	15693	1938	17631	50.01
24	6050	111	282	6443	565	4231	0	0	5393	5180	-861	15558	0	15558	1811	17369	50.00
MUs	160.19	6.59	6.81	173.58	9.09	124.41	0.00	6.87	136.13	133.04	-18.91	428.08	0.00	428.08	48.41	476.48	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 01/Feb/2021

Position as on 6.30 Hrs of 02/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13		Continued.	Annual Overhaul	
IPP	JSW (J) U4	300	28/01/2021	01.34		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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 02/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	28/01/2021	17.00	01/02/2021	08.07	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	01/02/2021	18.14		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/01/2021	19.27	01/02/2021	07.15	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	31/01/2021	19.58	01/02/2021	08.17	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	31/01/2021	22.40	01/02/2021	17.09	T	Distance Protection
New Koyana - Dabhol - II	IntraState	01/02/2021	12.38		Continued.	PO	Construction work.
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 315 Mva ICT II @Karad	IntraState	01/02/2021	12.37	01/02/2021	13.03	T	LBB operated
400/220kv 315 Mva ICT I @Karad	IntraState	01/02/2021	12.37	01/02/2021	12.47	T	LBB operated
400/220kv 315 Mva ICT III @Karad	IntraState	01/02/2021	12.37	01/02/2021	12.57	T	LBB operated
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	01/02/2021	20.27	01/02/2021	22.53	EO	Attending Hot Spot
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	01/02/2021	23.07	01/02/2021	00.35	PO	Shifted from TBC to on breaker.
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)
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
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
Chandrapur GCR - Sicom II	IntraState	24/01/2021	10.07		Continued.	PO	Dismantling of RCC Structure and erection of new structure of CT
Kandalgaon - Pirangut	IntraState	31/01/2021	08.20	01/02/2021	02.57	PO	Replacement of Broken Earthwire
Dasturi-Kandalgaon Line	IntraState	01/02/2021	09.33	01/02/2021	18.07	HT	Load Control.
Taptitanda- Jalna ckt- I	IntraState	01/02/2021	09.35	01/02/2021	20.09	T	Distance Protection
Aurangabad (waluj)-Taptitanda ckt-1	IntraState	01/02/2021	09.42	01/02/2021	20.42	T	Distance Protection
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	01/02/2021	09.46	01/02/2021	19.49	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	01/02/2021	09.50	01/02/2021	17.31	HT	Load Control.
Main Bus @ Dasturi	IntraState	01/02/2021	09.50	01/02/2021	17.31	PO	Routine Maintenance Work
Centuri Enka- Bhosari	IntraState	01/02/2021	10.04	01/02/2021	12.22	PO	Jumper replacement work.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	01/02/2021	10.05	01/02/2021	17.08	PO	Replacement of damaged conductor between Loc no.11-12 Y Ph.
Bableshwar- Ranjangaon	IntraState	01/02/2021	11.05	01/02/2021	17.00	HT	To control ICT loading
Karad-Nerle	IntraState	01/02/2021	12.37	01/02/2021	13.13	T	LBB operated
Karad -Mudshingi Ckt- IV	IntraState	01/02/2021	12.37	01/02/2021	13.05	T	LBB operated
Karad(400kv) - Wathar	IntraState	01/02/2021	12.37	01/02/2021	13.06	T	LBB operated
Karad - Vita Ckt- I	IntraState	01/02/2021	12.37	01/02/2021	13.04	T	LBB operated
Karad - Kadegaon	IntraState	01/02/2021	12.37	01/02/2021	12.56	T	LBB operated
Karad(400kv) - Ogalewadi Ckt 1	IntraState	01/02/2021	12.37	01/02/2021	13.01	T	LBB operated
Karad(400kv) -Nigade	IntraState	01/02/2021	12.37	01/02/2021	13.10	T	LBB operated

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 01/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 02/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	01/02/2021	12.37	01/02/2021	13.08	T	LBB operated
Malharpeth - Karad(400kv)	IntraState	01/02/2021	12.37	01/02/2021	12.54	T	LBB operated
Sadawaghapur Karad Ckt 2	IntraState	01/02/2021	12.37	01/02/2021	13.14	T	LBB operated
Karad - Vita Ckt- II	IntraState	01/02/2021	12.37	01/02/2021	13.04	T	LBB operated
Karad - Sadawagpur I	IntraState	01/02/2021	12.37	01/02/2021	13.14	T	LBB operated
Talandage - Sawantwadi I	IntraState	01/02/2021	12.41	01/02/2021	21.00	T	Distance Protection
Taptitanda-Jalna ckt II	IntraState	01/02/2021	14.05	01/02/2021	19.23	T	Distance Protection
Karad -Mudshingi Ckt- IV	IntraState	01/02/2021	15.13	01/02/2021	17.47	PO	Quarterly Maintenance Work
Dondaicha- Shahada	IntraState	01/02/2021	18.02		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	29/01/2021	11.20		Continued.	PO	Diagnostic Testing Work.
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	01/02/2021	12.30	01/02/2021	15.30	PO	Reconfirmation of tan delta results of winding.

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