

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	178.714	2047.415	1) Gujrat	2.467	37.332
2) Hydro	11.015	200.810	2) Madhya Pradesh	16.600	158.619
3) Gas	6.723	76.378	3) Chattisgarh	3.210	43.010
Total MSPGCL	196.452	2324.603	4) Maharashtra	135.500	1701.483
B) 1) APLM	58.816	717.212	5) Goa (Amona)	-1.199	-14.690
2) JSWEL	16.886	152.461	Total	156.578	1925.754
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.703	338.321
4) RPL(AMT)	30.522	368.456	b) Mumbai Drawl	30.095	351.415
5) SWPGPL	7.340	103.463	c) MSEDCL Bilateral *	34.348	437.881
6) Other IPP	18.737	224.323	Include PX	3.654	52.857
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.703	337.763
C) 1) TPCL Thermal	5.584	66.688	Include PX	15.395	187.204
2) TPCL Hydro	5.949	79.974	Standby	0.000	0.558
3) TPCL Gas	3.682	41.886	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.017	142.840	1) MSEDCL	472.141	5658.176
D) STATE			2) Mumbai Discoms	57.327	682.801
1) Thermal	328.616	3822.858	TOTAL STATE	529.468	6340.977
(A1+C1+C4+(B1-B6))					
2) Hydro	16.964	280.784			
(A2+C2)					
3) Gas	10.405	118.264			
(A3+B7+C3)					
4) Wind	8.705	95.127			
6) SOLAR	8.200	98.192			
TOTAL STATE	372.890	4415.225			

* 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 4 Hrs
MSPGCL Thermal	7679	7675	7442	7221
MSPGCL Hydro	656	670	271	135
MSPGCL Gas	278	257	271	283
MSPGCL Total Generation	8613	8602	7984	7639
Central Sector Receipt	7411	7133	5709	5996
WIND	100	94	546	328
CPP / IPP Thermal	5812	5764	5620	5385
CPP / IPP Gas	0	0	0	0
SOLAR	1140	1174	0	0
Exchange with Mumbai	-1581	-1631	-1323	-948
MSEDCL DEMAND MET	21495	21136	18536	18400
Load Shedding	0	0	0	0
MSEDCL DEMAND	21495	21136	18536	18400
TPCL GENERATION	754	714	818	368
AEML GENERATION	501	500	501	501
MUMBAI DEMAND	2836	2845	2642	1817
STATE DEMAND MET	24331	23981	21178	20217
STATE DEMAND	24331	23981	21178	20217
Frequency (Hz)	50.01	49.99	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.02 Hrs	49.85 Hz at 16.49 Hrs	50.01	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/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.64	32.16	200	130
Unit 7	3.12	26.00	145	120
Unit 8	12.50	129.92	570	417
Unit 9	12.27	133.16	528	467
Unit 10	12.58	135.39	560	500
Total	44.12	456.63		
Bhusawal				
Unit 3	3.69	48.92	185	125
Unit 4	11.12	135.66	490	350
Unit 5	11.64	140.18	500	460
Total	26.44	324.76		
Parli				
Unit 6	5.52	66.16	250	190
Unit 7	5.51	40.29	248	194
Unit 8	5.61	67.99	250	212
Total	16.63	174.43		
Chandrapur				
Unit 3	3.34	37.18	148	132
Unit 4	3.51	43.29	150	143
Unit 5	9.83	120.81	420	391
Unit 6	10.04	119.46	425	390
Unit 7	0.00	0.00	0	0
Unit 8	11.79	141.49	500	471
Unit 9	11.07	136.93	481	442
Total	49.58	599.16		
Paras				
Unit 3	5.18	60.66	240	180
Unit 4	2.44	27.70	245	0
Total	7.62	88.36		
Khaparkheda				
Unit 1	2.90	38.52	125	110
Unit 2	3.90	45.76	165	155
Unit 3	4.62	55.05	205	190
Unit 4	4.66	52.73	199	190
Unit 5	11.36	125.57	490	465
Total	27.43	317.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.41	47.33	198	127
Unit 5	3.48	39.11	199	110
Total	6.89	86.44		
Uran				
All Units	6.72	76.38	295	257
Total	6.72	76.38		
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)	0.00	1.62	0	0
Total	0.00	1.62		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.74	50.19	340	40
Stage 4	3.48	72.51	766	0
Stage 3	1.23	26.62	160	0
Total	6.45	149.31		
Hydro				
KDPH	0.86	8.11	36	36
VTRNA	0.96	3.95	60	0
TILLARI	0.46	5.53	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	4.45	80	0
RNGR+BHTSA	0.32	4.11	14	8
BHANDARDRA	0.44	5.24	25	13
ELDARY	0.36	3.53	15	14
SMLHY_PTN	0.40	6.18	17	16
GHATGHAR	0.37	10.40	125	0
Total	4.56	51.50		
Wind				
Total	8.70	95.13	0	0
Total	8.70	95.13		
CPP				
APML(Mus)	58.82	717.21	0	0
JSWEL(Mus)	16.89	152.46	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.52	368.46	0	0
SWPGPL-Mus	7.34	103.46	0	0
Other(Mus)	18.74	224.32	0	0
Total	132.30	1565.92		
SOLAR				
Total	8.20	98.19	0	0
Total	8.20	98.19		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	25.41	117	62
Trombay 7B	1.44	16.48	68	49
Trombay 8	5.58	66.69	235	231
TATA Hydro	5.95	79.97	429	0
Total	15.22	188.55		
AEML				
DTPS U-1&2	12.02	142.84	502	499
Total	12.02	142.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	178.71	2047.42	MSPGCL Total	196.45	2324.60
			MSPGCL Thml+Gas	185.44	2123.79	Koyna 1,2 & 4 Total	5.22	122.70
			MSPGCL Hydro	11.02	200.81	State Total	372.89	4415.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Mar/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	7191	140	294	7625	730	5360	0	0	6417	6162	-1268	18609	0	18609	2137	20746	49.99
2	7195	135	283	7613	686	5342	0	0	6338	6094	-1126	18609	0	18609	1995	20604	50.01
3	7168	140	294	7602	427	5344	0	0	6151	6133	-1010	18496	0	18496	1880	20376	50.03
4	7221	135	283	7639	328	5385	0	0	6071	5996	-948	18400	0	18400	1817	20217	50.00
5	7336	140	294	7770	356	5400	0	0	6281	6113	-920	18719	0	18719	1789	20508	50.01
6	7523	278	294	8095	295	5582	0	0	6720	6603	-969	19606	0	19606	1849	21455	50.00
7	7629	1355	295	9279	289	5671	0	7	6635	6530	-769	21007	0	21007	1911	22918	50.06
8	7639	1207	294	9140	263	5812	0	183	6877	6838	-732	21504	0	21504	2049	23553	50.07
9	7711	864	284	8859	158	5821	0	495	6684	6652	-1023	20962	0	20962	2308	23270	50.04
10	7728	556	281	8565	96	5810	0	823	6900	6854	-1324	20824	0	20824	2591	23415	49.97
11	7560	529	270	8359	108	5817	0	1001	7286	7315	-1465	21135	0	21135	2791	23926	50.01
12	7679	656	278	8613	100	5812	0	1140	7639	7411	-1581	21495	0	21495	2836	24331	50.01
13	7675	670	257	8602	94	5764	0	1174	7582	7133	-1631	21136	0	21136	2845	23981	49.99
14	7542	608	266	8416	148	5418	0	1101	7593	7374	-1544	20913	0	20913	2734	23647	50.06
15	7472	664	277	8413	192	5253	0	956	7849	7892	-1574	21132	0	21132	2779	23911	50.01
16	7452	757	267	8476	185	5434	0	696	7700	7575	-1552	20814	0	20814	2810	23624	49.99
17	7555	596	267	8418	180	5795	0	461	7277	6973	-1467	20360	0	20360	2793	23153	49.95
18	7538	276	269	8083	265	5743	0	157	6643	6121	-1376	18993	0	18993	2723	21716	50.01
19	7466	268	279	8013	479	5707	0	6	5893	5557	-1303	18459	0	18459	2626	21085	50.04
20	7442	271	271	7984	546	5620	0	0	5858	5709	-1323	18536	0	18536	2642	21178	50.04
21	7278	229	290	7797	644	5167	0	0	5808	5620	-1211	18017	0	18017	2509	20526	50.02
22	7232	214	272	7718	702	4677	0	0	5862	5814	-1275	17636	0	17636	2371	20007	50.02
23	7287	189	291	7767	723	5208	0	0	5989	6285	-1374	18609	0	18609	2297	20906	50.03
24	7195	138	273	7606	711	5359	0	0	5986	5824	-1330	18170	0	18170	2245	20415	49.99
MUs	178.71	11.02	6.72	196.45	8.70	132.30	0.00	8.20	160.04	156.58	-30.10	472.14	0.00	472.14	57.33	529.47	50.01

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/Mar/2021

Position as on 6.30 Hrs of 13/Mar/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	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	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	Koyana 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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Paras Unit 4	250	10/03/2021	20.04	12/03/2021	10.50	Coal mill problem	

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

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
HVDC Pole-I	IntraState	12/03/2021	20.58	13/03/2021	00.51	EO	Non-base filter at Chandrapur.
400 KV LINE Outages/Tripping							
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	11/03/2021	18.27	12/03/2021	09.06	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/03/2021	09.27		Continued.	PO	Replacement of damaged earthwire and PID suspicious disc insulator replacement, other maintenance work.
Akola Wardha I	InterState	12/03/2021	13.51	12/03/2021	20.32	T	Distance Protection
Akola - Bhusawal	IntraState	12/03/2021	11.35	12/03/2021	12.06	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	12/03/2021	22.03	13/03/2021	06.33	T	Distance Protection
Koradi III(Adani)-Koradi II ckt 2	IntraState	12/03/2021	22.41	13/03/2021	02.35	EO	B-phase CVT open.
Bus Coupler @ Padgha	IntraState	13/03/2021	02.19	13/03/2021	04.40	T	Attending Hot Spot
400 KV ICT Outages/Tripping							
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 @Padghe	IntraState	12/03/2021	11.40	12/03/2021	22.25	PO	Attending Hot Spot at various points and Diagnostic Testing work.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	12/03/2021	15.25	12/03/2021	23.11	PO	To vent air.
220 KV LINE Outages/Tripping							
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	12/03/2021	16.52	PO	No Schedule(Close at Chikodi end only)
Boisar(MS) - Boisar (PG) II	InterState	13/03/2021	05.13		Continued.	T	Attending Hot Spot
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Kalmeshwar-Pandhurna	IntraState	08/03/2021	14.01		Continued.	PO	Routine Maintenance Work
Chikhli-Jalna-I	IntraState	11/03/2021	04.55	12/03/2021	21.37	HT	To control akola ICT over loading.
Chikhli-Jalna-II	IntraState	11/03/2021	04.55	12/03/2021	21.38	HT	To control akola ICT over loading.
Badnera - Amravati	IntraState	11/03/2021	06.33	12/03/2021	22.30	HT	To control akola ICT over loading.
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	12/03/2021	09.25	12/03/2021	19.06	PO	replacement of old NGK disc insulators by new porcelain long rod at cut point locations.
Patoda-Manjarsumba	IntraState	12/03/2021	10.40	12/03/2021	12.16	PO	CB crm & timing test.
Pusad-Ghatodi	IntraState	12/03/2021	10.40	12/03/2021	13.07	HT	To facilitate outage on 220 kv yavatmal-pusad ckt.
Yeatmal- Pusad	IntraState	12/03/2021	10.45	12/03/2021	13.07	PO	Tan-delta of ccs and IR value of ccs.
Salsette Borivli 1	IntraState	12/03/2021	11.02	12/03/2021	13.47	PO	For testing.
Beed-Patoda Ckt 1	IntraState	12/03/2021	14.18	12/03/2021	15.08	PO	Line Maintenance work
Bus section @ Kalwa	IntraState	12/03/2021	14.20	12/03/2021	17.09	PO	Diagnostic work.
Butibori - Khaperkheda	IntraState	12/03/2021	21.50		Continued.	T	Distance Protection

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/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 13/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chinchwad-Hinjewadi I	IntraState	12/03/2021	22.12	13/03/2021	03.52	HT	For Load management.
Urse-Chinchwad (ST tap)	IntraState	12/03/2021	22.57	13/03/2021	03.48	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	12/03/2021	08.16	12/03/2021	20.28	PO	Attending oil leakage of Top plate and radiators.
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	12/03/2021	11.03	12/03/2021	17.53	PO	new 22 kv cable laying (project job).

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