

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Mar/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.190	471.284	1) Gujrat	3.549	11.696
2) Hydro	13.378	41.968	2) Madhya Pradesh	12.470	39.199
3) Gas	6.694	19.899	3) Chattisgarh	3.920	13.830
Total MSPGCL	178.262	533.151	4) Maharashtra	141.274	403.518
B) 1) APLM	74.149	225.396	5) Goa (Amona)	-1.135	-3.505
2) JSWEL	11.821	35.048	Total	160.078	464.738
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.700	82.981
4) RPL(AMT)	31.417	94.255	b) Mumbai Drawl	28.665	87.227
5) SWPGL	8.878	26.479	c) MSEDCL Bilateral *	33.247	99.905
6) Other IPP	17.931	54.097	Include PX	1.225	3.027
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.700	82.573
C) 1) TPCL Thermal	5.676	16.115	Include PX	15.547	53.365
2) TPCL Hydro	6.780	25.439	Standby	0.000	0.408
3) TPCL Gas	3.531	10.364	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.970	34.789	1) MSEDCL	469.854	1394.820
D) STATE			2) Mumbai Discoms	56.621	173.933
1) Thermal	320.032	957.463	TOTAL STATE	526.475	1568.753
(A1+C1+C4+(B1-B6))					
2) Hydro	20.158	67.407			
(A2+C2)					
3) Gas	10.225	30.263			
(A3+B7+C3)					
4) Wind	7.241	24.385			
6) SOLAR	8.742	24.498			
TOTAL STATE	366.398	1104.016			

* 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	6633	6676	6756	6246
MSPGCL Hydro	1012	798	348	112
MSPGCL Gas	264	253	279	293
MSPGCL Total Generation	7910	7726	7384	6652
Central Sector Receipt	7740	7777	6263	6107
WIND	230	273	226	288
CPP / IPP Thermal	5685	5727	5917	5813
CPP / IPP Gas	0	0	0	0
SOLAR	1158	1185	0	0
Exchange with Mumbai	-1497	-1518	-1296	-956
MSEDCL DEMAND MET	21488	21434	18720	18166
Load Shedding	0	0	0	0
MSEDCL DEMAND	21488	21434	18720	18166
TPCL GENERATION	784	767	842	385
AEML GENERATION	499	497	500	499
MUMBAI DEMAND	2780	2782	2638	1840
STATE DEMAND MET	24268	24216	21358	20006
STATE DEMAND	24268	24216	21358	20006
Frequency (Hz)	50.03	50.05	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 12.02 Hrs	49.8 Hz at 16.14 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 03/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.26	31.70	577	300
Unit 9	9.74	31.92	520	300
Unit 10	11.59	34.16	553	360
Total	32.59	97.77		
Bhusawal				
Unit 3	4.24	12.23	190	125
Unit 4	11.40	34.16	475	475
Unit 5	11.42	35.08	500	410
Total	27.06	81.48		
Parli				
Unit 6	4.26	15.61	250	127
Unit 7	0.00	6.65	0	0
Unit 8	5.71	17.06	250	203
Total	9.97	39.32		
Chandrapur				
Unit 3	2.99	8.80	128	120
Unit 4	3.79	10.90	160	156
Unit 5	10.20	30.33	430	410
Unit 6	10.06	30.03	425	410
Unit 7	0.00	0.00	0	0
Unit 8	12.00	35.30	509	487
Unit 9	11.44	34.10	494	448
Total	50.47	149.46		
Paras				
Unit 3	4.51	13.35	228	135
Unit 4	0.00	0.00	0	0
Total	4.51	13.35		
Khaparkheda				
Unit 1	3.38	10.00	150	115
Unit 2	3.79	11.36	165	135
Unit 3	4.68	14.12	205	170
Unit 4	4.09	13.45	197	158
Unit 5	10.76	26.70	460	430
Total	26.69	75.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.82	11.18	198	123
Unit 5	3.08	3.10	176	35
Total	6.89	14.28		
Uran				
All Units	6.69	19.90	303	241
Total	6.69	19.90		
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	0.15	25	0
Total	0.10	0.15		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.10	10.26	425	40
Stage 4	3.84	13.25	974	0
Stage 3	1.83	5.09	218	0
Total	8.77	28.60		
Hydro				
KDPH	0.44	1.54	19	19
VTRNA	0.29	0.79	60	0
TILLARI	0.46	1.34	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	1.17	80	0
RNGR+BHTSA	0.34	1.02	14	14
BHANDARDRA	0.45	1.36	30	13
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.51	1.53	22	21
GHATGHAR	1.71	3.90	250	0
Total	4.61	13.37		
Wind				
Total	7.24	24.38	0	0
Total	7.24	24.38		
CPP				
APML(Mus)	74.15	225.40	0	0
JSWEL(Mus)	11.82	35.05	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	31.42	94.26	0	0
SWPGL(Mus)	8.88	26.48	0	0
Other(Mus)	17.93	54.10	0	0
Total	144.20	435.28		
SOLAR				
Total	8.74	24.50	0	0
Total	8.74	24.50		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	6.34	117	65
Trombay 7B	1.37	4.02	66	51
Trombay 8	5.68	16.12	237	236
TATA Hydro	6.78	25.44	434	0
Total	15.99	51.92		
AEML				
DTPS U-1&2	11.97	34.79	501	497
Total	11.97	34.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.19	471.28	MSPGCL Total	178.26	533.15
			MSPGCL Thml+Gas	164.88	491.18	Koyna 1,2 & 4 Total	6.94	23.50
			MSPGCL Hydro	13.38	41.97	State Total	366.40	1104.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	6265	112	291	6668	570	6066	0	0	6367	6334	-1154	18484	0	18484	2055	20538	50.02
2	6233	112	282	6626	378	6036	0	0	6151	6263	-1065	18238	0	18238	1946	20184	49.99
3	6246	112	293	6652	288	6075	0	0	6222	6107	-956	18166	0	18166	1840	20006	50.01
4	6367	112	292	6772	338	6068	0	0	6306	6068	-874	18372	0	18372	1768	20140	50.06
5	6337	108	303	6748	312	6057	0	0	6391	6020	-859	18278	0	18278	1746	20024	50.00
6	6389	356	292	7038	344	6077	0	0	6694	6358	-908	18908	0	18908	1811	20720	50.01
7	6316	1534	292	8142	377	6164	0	5	6458	6117	-691	20114	0	20114	1879	21992	50.00
8	6441	1728	292	8462	443	6140	0	167	6576	6746	-750	21208	0	21208	2007	23214	50.04
9	6658	874	281	7814	330	6112	0	530	7004	7224	-960	21050	0	21050	2261	23310	50.05
10	6634	586	279	7498	313	5965	0	845	7373	7363	-1232	20752	0	20752	2519	23272	50.03
11	6663	688	277	7628	262	5945	0	1040	7725	7961	-1388	21448	0	21448	2706	24154	50.01
12	6633	1012	264	7910	230	5947	0	1158	7778	7740	-1497	21488	0	21488	2780	24268	50.03
13	6676	798	253	7726	273	5990	0	1185	7880	7777	-1518	21434	0	21434	2782	24216	50.05
14	6656	376	263	7296	236	6031	0	1162	8160	7823	-1481	21066	0	21066	2688	23754	50.03
15	6747	552	241	7540	254	6020	0	1059	7884	7465	-1509	20828	0	20828	2767	23596	49.95
16	6797	980	262	8040	248	6110	0	826	7419	7290	-1539	20974	0	20974	2812	23786	49.95
17	6817	846	265	7928	271	6123	0	577	7340	6988	-1494	20392	0	20392	2786	23178	49.96
18	6858	514	277	7648	247	6163	0	180	6961	6714	-1417	19536	0	19536	2718	22254	50.02
19	6845	304	278	7428	229	6232	0	8	6422	5858	-1314	18440	0	18440	2652	21092	49.99
20	6756	348	279	7384	226	6144	0	0	6553	6263	-1296	18720	0	18720	2638	21358	50.02
21	6728	306	279	7314	244	5866	0	0	5923	5579	-1191	17812	0	17812	2531	20342	49.98
22	6767	270	279	7316	273	5687	0	0	5627	5739	-1122	17892	0	17892	2381	20274	49.99
23	6732	196	290	7218	261	5602	0	0	5953	6242	-1161	18162	0	18162	2298	20460	50.01
24	6629	554	290	7472	294	5576	0	0	6180	6040	-1289	18094	0	18094	2251	20344	50.02
MUs	158.19	13.38	6.69	178.26	7.24	144.20	0.00	8.74	163.35	160.08	-28.66	469.85	0.00	469.85	56.62	526.48	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 03/Mar/2021

Position as on 6.30 Hrs of 04/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	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	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	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	
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 Earth Fault.	
MSPGCL	Paras Unit 4	250	25/02/2021	09.08		Continued.	CHP problem.	
MSPGCL	Parli Unit 7	250	02/03/2021	03.43		Continued.	Furnace Pressure High	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 04/Mar/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	02/03/2021	18.10	03/03/2021	06.13	HT	Over Voltage
Koradi Satpur	InterState	03/03/2021	06.36	03/03/2021	12.08	T	Distance Protection
Dhule Sar'Sarovar II	InterState	03/03/2021	18.40	04/03/2021	06.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/03/2021	20.36	03/03/2021	06.11	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/03/2021	22.00	04/03/2021	06.11	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
400/220/33 Kv 315 Mva Ict 1 @Parali (Ginwali)	IntraState	02/03/2021	09.24		Continued.	PO	Testing Work
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	03/03/2021	09.56	03/03/2021	15.28	PO	Routine Maintenance Work
400/220KV 500MVA ICT1@koradi 2	IntraState	03/03/2021	10.40	03/03/2021	13.58	PO	Routine Maintenance 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)
Pophali - Nerale	IntraState	02/03/2021	08.35	03/03/2021	18.45	PO	Cold washing of Insulators
Oni Kharepatan Line	IntraState	02/03/2021	10.33	03/03/2021	00.21	PO	CB Overhauling work
Chandrapur GCR -MIDC (Chandrapur)	IntraState	03/03/2021	06.29	03/03/2021	09.59	EO	Attending Oil Leakage
Lamboti - Pandharpur li	IntraState	03/03/2021	09.43		Continued.	PO	Overhauling of Pneumatic Drive of 220KV Pandharpur
OSMANABAD BARSHI	IntraState	03/03/2021	10.19	03/03/2021	20.46	PO	Quarterly Maintenance Work
chandrapur-Tadali	IntraState	03/03/2021	10.33	03/03/2021	19.35	PO	Balance work
Butibori-Sunvijay	IntraState	03/03/2021	11.06	03/03/2021	16.32	PO	Tan Delta work
Oni Kharepatan Line	IntraState	03/03/2021	11.12	03/03/2021	15.38	PO	CB Overhauling work
Dasturi-Kandalgaon Line	IntraState	03/03/2021	15.05	04/03/2021	01.21	T	Distance Protection
Shivajinagar-Gangapur	IntraState	03/03/2021	15.50	03/03/2021	20.55	PO	Testing Work
Mumewadi -Halkarni ckt-I	IntraState	03/03/2021	16.06	03/03/2021	17.45	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	24/02/2021	10.30		Continued.	PO	Overhauling and servicing of ICT OLTC and Routine Maintenance Work
220/33kv 100 MVA Transformer 4 @Aarey R/S	IntraState	03/03/2021	10.11	03/03/2021	16.43	PO	Inspection and modification of LV cable box under 33KV AIS to GIS scheme
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	03/03/2021	12.40	03/03/2021	15.21	PO	Isolator Alignment work
220/132kv 200 Mva Aditya Vidyut Ict 2 @Kanhani	IntraState	03/03/2021	13.22	03/03/2021	17.50	EO	Replacement of Directional Backup Relay
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	03/03/2021	16.10	03/03/2021	20.22	PO	Isolator Maintenance and OLTC testing

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