

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.671	630.955	1) Gujrat	2.587	14.283
2) Hydro	20.405	62.373	2) Madhya Pradesh	13.138	52.337
3) Gas	6.392	26.291	3) Chattisgarh	4.250	18.080
Total MSPGCL	186.468	719.619	4) Maharashtra	149.017	552.535
B) 1) APLM	58.243	283.639	5) Goa (Amona)	-1.202	-4.707
2) JSWEL	11.106	46.154	Total	167.790	632.528
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.738	110.719
4) RPL(AMT)	29.477	123.732	b) Mumbai Drawl	29.498	116.725
5) SWPGL	8.857	35.336	c) MSEDCL Bilateral *	39.695	139.600
6) Other IPP	18.224	72.321	Include PX	8.015	11.042
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.738	110.311
C) 1) TPCL Thermal	5.697	21.812	Include PX	15.518	68.883
2) TPCL Hydro	6.918	32.357	Standby	0.000	0.408
3) TPCL Gas	3.371	13.735	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.986	46.775	1) MSEDCL	468.689	1863.509
D) STATE			2) Mumbai Discoms	57.470	231.403
1) Thermal	303.261	1260.724	TOTAL STATE	526.159	2094.912
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	27.323	94.730			
3) Gas (A3+B7+C3)	9.763	40.026			
4) Wind	9.233	33.618			
6) SOLAR	8.789	33.287			
TOTAL STATE	358.369	1462.385			

* 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	6623	6664	6783	6301
MSPGCL Hydro	1476	1266	1024	122
MSPGCL Gas	263	252	256	292
MSPGCL Total Generation	8362	8182	8064	6716
Central Sector Receipt	8246	7923	6424	6127
WIND	184	164	444	499
CPP / IPP Thermal	5147	5142	4656	5150
CPP / IPP Gas	0	0	0	0
SOLAR	1255	1209	14	0
Exchange with Mumbai	-1517	-1560	-1281	-933
MSEDCL DEMAND MET	21936	21322	18585	17756
Load Shedding	0	0	0	0
MSEDCL DEMAND	21936	21322	18585	17756
TPCL GENERATION	848	797	851	373
AEML GENERATION	500	499	500	502
MUMBAI DEMAND	2865	2856	2632	1808
STATE DEMAND MET	24802	24178	21217	19564
STATE DEMAND	24802	24178	21217	19564
Frequency (Hz)	50.01	50.02	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.02 Hrs	49.79 Hz at 22.11 Hrs	49.99	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 04/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.75	1.75	150	0
Unit 7	1.01	1.01	133	0
Unit 8	9.74	41.44	510	358
Unit 9	9.58	41.49	460	352
Unit 10	9.62	43.78	550	330
Total	31.70	129.47		
Bhusawal				
Unit 3	4.24	16.47	190	155
Unit 4	11.21	45.37	475	430
Unit 5	11.73	46.82	500	460
Total	27.18	108.66		
Parli				
Unit 6	5.69	21.30	245	202
Unit 7	0.00	6.65	0	0
Unit 8	5.84	22.89	250	205
Total	11.53	50.84		
Chandrapur				
Unit 3	2.94	11.74	126	121
Unit 4	3.77	14.67	160	155
Unit 5	10.14	40.47	435	400
Unit 6	9.91	39.94	424	395
Unit 7	0.00	0.00	0	0
Unit 8	12.00	47.30	506	495
Unit 9	11.76	45.85	500	475
Total	50.52	199.98		
Paras				
Unit 3	5.04	18.40	245	175
Unit 4	0.00	0.00	0	0
Total	5.04	18.40		
Khaparkheda				
Unit 1	3.12	13.13	150	105
Unit 2	3.52	14.88	160	100
Unit 3	4.12	18.24	200	150
Unit 4	4.01	17.46	191	137
Unit 5	10.62	37.32	459	430
Total	25.39	101.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.22	15.40	200	120
Unit 5	4.08	7.18	195	120
Total	8.30	22.58		
Uran				
All Units	6.39	26.29	303	223
Total	6.39	26.29		
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)	0.24	0.38	27	0
Total	0.24	0.38		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.96	15.21	560	40
Stage 4	9.11	22.36	1000	0
Stage 3	2.68	7.77	240	0
Total	16.74	45.34		
Hydro				
KDPH	0.44	1.98	19	19
VTRNA	0.25	1.04	60	0
TILLARI	0.52	1.86	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	1.57	80	0
RNGR+BHTSA	0.35	1.37	15	14
BHANDARDRA	0.45	1.82	28	13
ELDARY	0.36	1.08	15	15
SMLHY_PTN	0.48	2.01	20	20
GHATGHAR	0.40	4.30	202	0
Total	3.66	17.03		
Wind				
Total	9.23	33.62	0	0
Total	9.23	33.62		
CPP				
APML(Mus)	58.24	283.64	0	0
JSWEL(Mus)	11.11	46.15	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	29.48	123.73	0	0
SWPGL(Mus)	8.86	35.34	0	0
Other(Mus)	18.22	72.32	0	0
Total	125.91	561.18		
SOLAR				
Total	8.79	33.29	0	0
Total	8.79	33.29		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.03	8.37	115	60
Trombay 7B	1.34	5.36	65	47
Trombay 8	5.70	21.81	241	235
TATA Hydro	6.92	32.36	434	0
Total	15.99	67.90		
AEML				
DTPS U-1&2	11.99	46.78	502	489
Total	11.99	46.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.67	630.96	MSPGCL Total	186.47	719.62
			MSPGCL Thml+Gas	166.06	657.25	Koyna 1,2 & 4 Total	14.06	37.57
			MSPGCL Hydro	20.40	62.37	State Total	358.37	1462.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	6630	472	281	7382	289	5459	0	0	6432	6388	-1266	18252	0	18252	2146	20398	50.01
2	6569	144	291	7004	440	5478	0	0	6590	6346	-1118	18149	0	18149	1993	20142	50.00
3	6494	128	291	6912	527	5462	0	0	6515	6088	-1011	17978	0	17978	1885	19864	49.98
4	6301	122	292	6716	499	5348	0	0	6459	6127	-933	17756	0	17756	1808	19564	50.01
5	6297	128	292	6716	593	5310	0	0	6591	6758	-914	18464	0	18464	1787	20251	49.98
6	6451	372	292	7116	639	5424	0	0	6872	7110	-942	19346	0	19346	1831	21178	50.00
7	6504	1296	303	8102	613	5414	0	11	6898	6886	-775	20252	0	20252	1923	22174	49.99
8	6599	1622	292	8512	577	5504	0	153	6963	7047	-799	20995	0	20995	2052	23047	50.04
9	6553	1140	291	7984	339	5480	0	527	7225	7261	-1031	20559	0	20559	2298	22857	50.06
10	6482	1164	268	7914	321	5410	0	821	7395	7538	-1243	20762	0	20762	2583	23345	50.02
11	6534	1376	265	8174	253	5387	0	1050	7881	8035	-1440	21460	0	21460	2793	24252	50.01
12	6623	1476	263	8362	184	5407	0	1255	8178	8246	-1517	21936	0	21936	2865	24802	50.01
13	6664	1266	252	8182	164	5405	0	1209	8140	7923	-1560	21322	0	21322	2856	24178	50.02
14	6781	894	232	7906	234	5392	0	1172	8014	7833	-1500	21038	0	21038	2749	23786	50.01
15	6893	460	223	7576	250	5307	0	1058	8562	8434	-1527	21098	0	21098	2775	23874	49.91
16	6636	1398	233	8268	203	4896	0	819	8120	8545	-1518	21213	0	21213	2796	24009	49.92
17	6749	2050	234	9032	232	4766	0	513	7440	7401	-1430	20515	0	20515	2775	23290	49.95
18	6765	1276	235	8276	336	4824	0	187	7242	6860	-1344	19139	0	19139	2693	21832	50.00
19	6783	1024	256	8064	444	4920	0	14	6565	6424	-1281	18585	0	18585	2632	21217	49.98
20	6796	1002	258	8056	449	4888	0	0	6517	6137	-1314	18217	0	18217	2656	20873	50.00
21	6871	322	260	7454	473	5078	0	0	6485	6129	-1265	17869	0	17869	2536	20405	50.00
22	6814	294	269	7376	470	4864	0	0	6270	6108	-1222	17597	0	17597	2422	20019	49.97
23	6855	770	259	7884	416	5070	0	0	6051	6011	-1324	18058	0	18058	2328	20386	49.95
24	7027	212	260	7498	288	5410	0	0	6096	6155	-1224	18128	0	18128	2288	20416	49.97
MUs	159.67	20.41	6.39	186.47	9.23	125.91	0.00	8.79	169.50	167.79	-29.50	468.69	0.00	468.69	57.47	526.16	49.99

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 04/Mar/2021

Position as on 6.30 Hrs of 05/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 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	Koradi Unit 6	210	02/02/2021	20.30	04/03/2021	10.12	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50	04/03/2021	14.18	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	
IPP	SWPGL U-4	135	04/03/2021	09.14	04/03/2021	10.05	Turbine side relay problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15		Continued.	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai express Highway Work.
Ektuni - Akola II Ckt I	IntraState	04/03/2021	13.37	04/03/2021	14.06	T	Distance Protection
Ektuni - Akola II Ckt I	IntraState	04/03/2021	14.06	04/03/2021	19.36	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	04/02/2021	23.40	05/03/2021	04.04	PO	Attending Hot Spot
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 II	InterState	03/03/2021	18.40	04/03/2021	06.05	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/03/2021	19.32	05/03/2021	06.18	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/03/2021	22.00	04/03/2021	06.11	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	04/03/2021	09.19	04/03/2021	19.49	PO	Routine line maintenance work.
Koradi-RattanIndia	IntraState	04/03/2021	15.13	04/03/2021	15.46	T	Distance Protection
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 (Girwali)	IntraState	02/03/2021	09.24		Continued.	PO	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)
Lamboti - Pandharpur li	IntraState	03/03/2021	09.43	04/03/2021	18.00	PO	Overhauling of Pneumatic Drive of 220KV Pandharpur
Dasturi-Kandalgaon Line	IntraState	03/03/2021	15.05	04/03/2021	01.21	T	Distance Protection
chandrapur-Tadali	IntraState	04/03/2021	08.02	04/03/2021	18.54	PO	Line Maintenance work
Chandrapur GCR -MIDC (Chandrapur)	IntraState	04/03/2021	08.06	04/03/2021	18.51	PO	Line Maintenance work
Pophali - Nerale	IntraState	04/03/2021	09.00	04/03/2021	18.25	PO	Cold washing of insulator strings.
Karad - Sadawagpur I	IntraState	04/03/2021	09.25	04/03/2021	19.41	PO	Bus1 and Bus2 isolator work.
Mahindra Vehicle-Bridgestone	IntraState	04/03/2021	09.37	04/03/2021	18.10	PO	Diagnostic testing work and relay testing work at both substation.
Ongc Uran - Jnpt	IntraState	04/03/2021	10.07		Continued.	PO	OPGW conductor pilling / replacement work between loc 14 & 15 for JNPT SEZ substation.
Chandrapur GCR - Warora - I	IntraState	04/03/2021	11.48	04/03/2021	20.33	PO	1.Distance relay testing work by testing unit ballarshah. 2.Auxiliary bus isolator alignment/maintenance and its electrical contractor replacement work.
ANANDNAGAR - PALAVA	IntraState	04/03/2021	13.00	04/03/2021	14.38	PO	CT Tan Delta testing at Anandnagar substation.
Chandrapur GCR - Sicom II	IntraState	04/03/2021	13.31	04/03/2021	18.23	T	Distance Protection
Adlabs - Pedambe	IntraState	04/03/2021	13.36	04/03/2021	15.20	T	Distance Protection
Pedambe-Nerle	IntraState	04/03/2021	15.42	04/03/2021	16.55	T	Distance Protection
New Koyana - Pedambe	IntraState	04/03/2021	15.43	04/03/2021	16.47	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	04/03/2021	17.11	04/03/2021	19.30	PO	Y Ph LA replacement & hot spot attending work on Y,B phase CT & line isolator.

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 04/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri- Ismt- Lonand	IntraState	04/03/2021	21.10	04/03/2021	23.50	PO	Bus section-1 outage.
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
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	04/03/2021	10.05	04/03/2021	15.45	PO	LA replacement work of Y & B Phase.