

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.539	5002.324	1) Gujrat	4.901	86.600
2) Hydro	14.684	555.280	2) Madhya Pradesh	15.115	436.357
3) Gas	6.640	199.351	3) Chattisgarh	3.930	105.620
Total MSPGCL	165.863	5756.955	4) Maharashtra	163.516	4414.919
B) 1) APLM	57.468	1796.473	5) Goa (Amona)	-1.285	-40.348
2) JSWEL	11.285	425.118	Total	186.177	5003.148
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.039	805.418
4) RPL(AMT)	29.817	933.561	b) Mumbai Drawl	28.745	846.836
5) SWPGPL	7.686	256.916	c) MSEDCL Bilateral *	51.751	1125.193
6) Other IPP	23.280	734.078	Include PX	21.465	148.311
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.039	804.860
C) 1) TPCL Thermal	13.460	331.800	Include PX	2.926	329.177
2) TPCL Hydro	4.735	142.673	Standby	0.000	0.558
3) TPCL Gas	3.181	104.709	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.747	351.607	1) MSEDCL	486.210	14596.538
D) STATE			2) Mumbai Discoms	59.868	1777.626
1) Thermal	297.282	9831.877	TOTAL STATE	546.078	16374.164
(A1+C1+C4+(B1-B6))					
2) Hydro	19.419	697.953			
(A2+C2)					
3) Gas	9.821	304.060			
(A3+B7+C3)					
4) Wind	24.690	296.872			
6) SOLAR	8.689	240.253			
TOTAL STATE	359.901	11371.015			

* 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	6142	6019	6067	5768
MSPGCL Hydro	730	651	1342	381
MSPGCL Gas	267	256	290	283
MSPGCL Total Generation	7139	6926	7699	6432
Central Sector Receipt	9027	9340	6785	6673
WIND	683	809	1158	1292
CPP / IPP Thermal	5597	5011	5394	5527
CPP / IPP Gas	0	0	0	0
SOLAR	1153	1129	0	0
Exchange with Mumbai	-1290	-1472	-1480	-1082
MSEDCL DEMAND MET	22309	21743	19556	18842
Load Shedding	0	0	0	0
MSEDCL DEMAND	22309	21743	19556	18842
TPCL GENERATION	1170	961	915	564
AEML GENERATION	501	501	287	284
MUMBAI DEMAND	2961	2934	2682	1930
STATE DEMAND MET	25270	24677	22238	20772
STATE DEMAND	25270	24677	22238	20772
Frequency (Hz)	50.02	50.04	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.23 Hrs	49.82 Hz at 12.13 Hrs	50.02	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 31/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.47	100.27	180	130
Unit 7	3.24	86.86	148	120
Unit 8	12.19	315.56	603	392
Unit 9	8.12	318.10	400	295
Unit 10	4.42	294.07	405	0
Total	31.45	1114.85		
Bhusawal				
Unit 3	3.78	124.12	180	125
Unit 4	11.89	306.24	500	485
Unit 5	11.81	355.62	500	460
Total	27.48	785.97		
Parli				
Unit 6	2.89	138.86	133	111
Unit 7	6.00	147.21	256	241
Unit 8	5.21	171.19	250	81
Total	14.10	457.25		
Chandrapur				
Unit 3	0.00	82.04	0	0
Unit 4	0.00	54.66	0	0
Unit 5	0.00	247.88	0	0
Unit 6	9.69	307.57	420	345
Unit 7	0.00	0.00	0	0
Unit 8	11.63	328.93	497	467
Unit 9	11.21	348.72	490	437
Total	32.53	1369.81		
Paras				
Unit 3	4.72	147.19	240	0
Unit 4	5.93	115.67	254	239
Total	10.64	262.86		
Khaparkheda				
Unit 1	2.38	82.74	120	75
Unit 2	3.08	111.87	150	110
Unit 3	3.37	138.02	180	110
Unit 4	3.41	128.30	162	120
Unit 5	8.52	323.73	400	300
Total	20.76	784.67		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.78	110.89	200	125
Unit 5	3.80	116.02	200	123
Total	7.58	226.91		
Uran				
All Units	6.64	199.35	293	256
Total	6.64	199.35		
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	5.25	0	0
Total	0.00	5.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.86	129.12	495	40
Stage 4	2.84	168.28	375	0
Stage 3	1.33	64.84	160	0
Total	7.03	362.25		
Hydro				
KDPH	0.86	24.05	36	36
VTRNA	0.99	20.34	60	0
TILLARI	0.46	14.99	58	0
BHIRA T.R.	0.09	7.02	57	0
SMLHY_PTN	5.24	92.20	226	208
GHATGHAR	0.00	18.30	0	0
Total	7.66	176.89		
Wind				
Total	24.69	296.87	0	0
Total	24.69	296.87		
CPP				
APML(Mus)	57.47	1796.47	0	0
JSWEL(Mus)	11.28	425.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.82	933.56	0	0
SWPGPL-Mus	7.69	256.92	0	0
Other(Mus)	23.28	734.08	0	0
Total	129.54	4146.15		
SOLAR				
Total	8.69	240.25	0	0
Total	8.69	240.25		
Tata				
Trombay 5	8.81	167.59	479	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.88	62.86	113	61
Trombay 7B	1.30	41.85	65	48
Trombay 8	4.65	164.21	238	135
TATA Hydro	4.74	142.67	453	27
Total	21.38	579.18		
AEMIL				
DTPS U-1&2	9.75	351.61	501	284
Total	9.75	351.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.54	5002.32	MSPGCL Total	165.86	5756.96
			MSPGCL Thml+Gas	151.18	5201.68	Koyna 1,2 & 4 Total	5.70	297.41
			MSPGCL Hydro	14.68	555.28	State Total	359.90	11371.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5539	940	282	6761	1314	5666	0	0	7015	7082	-871	19952	0	19952	2362	22314	50.02
2	5781	421	282	6484	1326	5709	0	0	7285	6822	-857	19484	0	19484	2181	21665	50.03
3	5743	386	292	6421	1366	5603	0	0	7281	6737	-1103	19024	0	19024	2019	21043	50.01
4	5768	381	283	6432	1292	5527	0	0	6899	6673	-1082	18842	0	18842	1930	20772	49.97
5	5823	310	293	6426	1234	5510	0	0	7131	7198	-1047	19321	0	19321	1891	21212	49.99
6	5995	314	283	6592	1102	5581	0	0	7797	7688	-1055	19908	0	19908	1931	21839	50.02
7	6001	365	284	6650	1034	5681	0	19	8505	8320	-712	20992	0	20992	1991	22983	50.06
8	6031	308	293	6632	778	5703	0	243	8755	8863	-738	21481	0	21481	2099	23580	50.11
9	5932	498	292	6722	630	5621	0	588	8312	8425	-1287	20699	0	20699	2340	23039	50.04
10	6058	697	269	7024	626	5726	0	856	7967	8151	-1208	21175	0	21175	2664	23839	50.03
11	6089	676	279	7044	619	5706	0	1042	8499	8607	-1283	21735	0	21735	2905	24640	50.09
12	6142	730	267	7139	683	5597	0	1153	9464	9027	-1290	22309	0	22309	2961	25270	50.02
13	6019	651	256	6926	809	5011	0	1129	9721	9340	-1472	21743	0	21743	2934	24677	50.04
14	6020	635	266	6921	864	4730	0	1115	9314	8911	-1425	21116	0	21116	2837	23953	50.11
15	6141	614	256	7011	887	4320	0	1021	9809	9795	-1492	21542	0	21542	2891	24433	50.01
16	6038	883	266	7187	1070	4554	0	792	9594	9487	-1432	21658	0	21658	2932	24590	50.00
17	6135	789	277	7201	1098	5004	0	530	8774	8488	-1210	21111	0	21111	2910	24021	50.01
18	6241	617	268	7126	1380	5541	0	190	7100	7059	-1091	20205	0	20205	2830	23035	50.01
19	6068	523	259	6850	1242	5127	0	11	6842	6995	-1402	18823	0	18823	2705	21528	50.02
20	6067	1342	290	7699	1158	5394	0	0	6270	6785	-1480	19556	0	19556	2682	22238	50.01
21	6149	730	261	7140	1094	5551	0	0	6180	5998	-1321	18462	0	18462	2500	20962	50.00
22	6209	530	290	7029	1035	5582	0	0	6483	6387	-1317	18716	0	18716	2438	21154	49.97
23	6299	542	271	7112	1064	5583	0	0	6771	6725	-1393	19091	0	19091	2443	21534	49.95
24	6251	802	281	7334	985	5509	0	0	6928	6614	-1177	19265	0	19265	2492	21757	49.94
MUs	144.54	14.68	6.64	165.86	24.69	129.54	0.00	8.69	188.70	186.18	-28.74	486.21	0.00	486.21	59.87	546.08	50.02

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 31/Mar/2021

Position as on 6.30 Hrs of 01/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	NO PPA From 20.05.2019	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	NO PPA From 20.05.2019.	
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	Koyna 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	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	25/03/2021	15.51		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U2	300	26/03/2021	01.13		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	29/03/2021	11.15		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	29/03/2021	11.35	31/03/2021	09.53	Heavy leakage in gland steam cooler.	
MSPGCL	Paras Unit 3	250	29/03/2021	18.00	31/03/2021	01.12	Clinker information.	
MSPGCL	Parli Unit 8	250	30/03/2021	17.46	31/03/2021	00.00	Furnace Pressure High	
MSPGCL	Koradi Unit 10	660	31/03/2021	05.31	31/03/2021	09.53	Boiler Feed pump problem	
MSPGCL	Koradi Unit 10	660	01/04/2021	23.48		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 01/Apr/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
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	30/03/2021	09.42	31/03/2021	01.37	PO	PLCC and Testing work
Dhule Sar'Sarovar I	InterState	30/03/2021	22.03	31/03/2021	06.53	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	31/03/2021	09.57	31/03/2021	21.16	PO	Testing Work
Dhule Sar'Sarovar II	InterState	31/03/2021	18.37		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Jaigad-Karad Ckt-II	IntraState	31/03/2021	09.36	31/03/2021	16.58	PO	For additional earthing
Chandrapur-Parali III	IntraState	31/03/2021	15.01	31/03/2021	19.51	T	Distance Protection R-phase to Earth fault.
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.
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 2	IntraState	25/03/2021	10.28		Continued.	PO	Railway crossing tower erection work
Virur - Gadchiroli	IntraState	31/03/2021	08.50	31/03/2021	11.54	PO	Replacement work
Kalwa - Siemens	IntraState	31/03/2021	09.36	31/03/2021	16.10	PO	Hot line washing work.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	31/03/2021	09.55	31/03/2021	11.55	PO	Quarterly Maintainance Work
Badnera - Amravati	IntraState	31/03/2021	19.15	31/03/2021	07.21	T	To control Akola ICT over loading.
Chikhli-Jalna-I	IntraState	31/03/2021	22.39	31/03/2021	07.23	HT	To control ICT loading at akola due to tripping of unit 3.
220 KV ICT Outages/Trippings							
220/33kv 125 MVA Transformer 4 @Ghodbunder R/S	IntraState	31/03/2021	08.51	31/03/2021	12.12	PO	N2F system commissioning and annual bay and equipment maintenance.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	31/03/2021	11.00	31/03/2021	14.00	PO	To attend oil leakage of B-ph LV cy on emergency basis.

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