

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Mar/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	180.100	1151.619	1) Gujrat	5.171	23.010
2) Hydro	8.650	105.995	2) Madhya Pradesh	10.566	85.904
3) Gas	3.661	43.234	3) Chattisgarh	3.470	29.250
Total MSPGCL	192.411	1300.848	4) Maharashtra	140.682	987.923
B) 1) APLM	51.613	452.322	5) Goa (Amona)	-1.167	-8.205
2) JSWEL	12.468	83.122	Total	158.722	1117.882
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.247	194.221
4) RPL(AMT)	29.806	214.325	b) Mumbai Drawl	25.384	201.534
5) SWPGPL	7.973	61.477	c) MSEDCL Bilateral *	38.602	253.308
6) Other IPP	19.261	129.685	Include PX	7.365	29.118
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.247	193.813
C) 1) TPCL Thermal	5.609	38.773	Include PX	13.977	114.842
2) TPCL Hydro	2.409	48.434	Standby	0.000	0.408
3) TPCL Gas	4.392	25.524	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.007	82.792	1) MSEDCL	465.708	3273.310
D) STATE			2) Mumbai Discoms	49.801	397.056
1) Thermal	318.837	2214.115	TOTAL STATE	515.509	3670.366
(A1+C1+C4+(B1-B6))					
2) Hydro	11.059	154.429			
(A2+C2)					
3) Gas	8.053	68.758			
(A3+B7+C3)					
4) Wind	10.554	56.409			
6) SOLAR	8.284	58.774			
TOTAL STATE	356.787	2552.485			

* 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 23 Hrs
MSPGCL Thermal	7870	7543	7497	7423
MSPGCL Hydro	277	265	285	164
MSPGCL Gas	130	140	150	248
MSPGCL Total Generation	8277	7948	7932	7835
Central Sector Receipt	7605	7901	5739	6084
WIND	199	209	675	579
CPP / IPP Thermal	5421	5106	4400	4287
CPP / IPP Gas	0	0	0	0
SOLAR	1126	1159	0	0
Exchange with Mumbai	-1092	-1228	-1016	-1218
MSEDCL DEMAND MET	21536	21095	17730	17567
Load Shedding	0	0	0	0
MSEDCL DEMAND	21536	21095	17730	17567
TPCL GENERATION	616	461	699	420
AEML GENERATION	500	500	501	501
MUMBAI DEMAND	2208	2189	2216	2139
STATE DEMAND MET	23744	23284	19946	19706
STATE DEMAND	23744	23284	19946	19706
Frequency (Hz)	50.01	50.00	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.02 Hrs	49.84 Hz at 23.11 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 07/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.56	12.84	190	130
Unit 7	3.21	9.67	149	118
Unit 8	11.91	74.03	579	370
Unit 9	11.37	76.46	548	376
Unit 10	11.62	77.20	600	340
Total	41.67	250.19		
Bhusawal				
Unit 3	3.90	28.73	190	130
Unit 4	11.68	79.66	495	460
Unit 5	11.82	81.81	500	480
Total	27.40	190.20		
Parli				
Unit 6	5.65	38.02	250	191
Unit 7	5.00	12.10	238	140
Unit 8	5.34	39.73	245	187
Total	15.99	89.85		
Chandrapur				
Unit 3	3.15	20.77	147	110
Unit 4	3.63	25.34	154	149
Unit 5	10.30	70.90	445	425
Unit 6	10.03	69.63	435	395
Unit 7	0.00	0.00	0	0
Unit 8	11.95	83.19	503	491
Unit 9	11.56	80.08	493	460
Total	50.62	349.90		
Paras				
Unit 3	5.07	35.06	230	168
Unit 4	5.65	9.64	250	210
Total	10.72	44.70		
Khaparkheda				
Unit 1	3.15	22.48	145	110
Unit 2	3.86	26.52	165	150
Unit 3	4.46	31.34	195	170
Unit 4	4.52	29.94	202	160
Unit 5	10.68	69.94	450	435
Total	26.68	180.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.51	27.40	198	130
Unit 5	3.51	19.16	198	121
Total	7.02	46.56		
Uran				
All Units	3.66	43.23	292	120
Total	3.66	43.23		
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)	0.19	0.98	24	0
Total	0.19	0.98		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.40	28.12	490	40
Stage 4	1.72	35.29	466	0
Stage 3	0.71	13.59	80	0
Total	4.83	76.99		
Hydro				
KDPH	0.86	3.96	36	36
VTRNA	0.24	1.76	60	0
TILLARI	0.46	3.06	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	2.70	80	0
RNGR+BHTSA	0.38	2.46	16	16
BHANDARDRA	0.44	3.04	26	13
ELDARY	0.22	2.02	15	0
SMLHY_PTN	0.51	3.58	22	21
GHATGHAR	0.38	6.43	185	0
Total	3.82	29.00		
Wind				
Total	10.55	56.41	0	0
Total	10.55	56.41		
CPP				
APML(Mus)	51.61	452.32	0	0
JSWEL(Mus)	12.47	83.12	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.81	214.32	0	0
SWPGPL-Mus	7.97	61.48	0	0
Other(Mus)	19.26	129.68	0	0
Total	121.12	940.93		
SOLAR				
Total	8.28	58.77	0	0
Total	8.28	58.77		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	15.74	117	114
Trombay 7B	1.60	9.78	68	65
Trombay 8	5.61	38.77	236	230
TATA Hydro	2.41	48.43	298	0
Total	12.41	112.73		
AEML				
DTPS U-1&2	12.01	82.79	501	499
Total	12.01	82.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	180.10	1151.62	MSPGCL Total	192.41	1300.85
			MSPGCL Thml+Gas	183.76	1194.85	Koyna 1,2 & 4 Total	4.12	63.40
			MSPGCL Hydro	8.65	106.00	State Total	356.79	2552.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	7362	146	155	7663	437	5500	0	0	6458	6723	-1229	19094	0	19094	2216	21310	49.98
2	7364	146	140	7650	336	5506	0	0	6278	6221	-1153	18560	0	18560	2070	20630	50.03
3	7299	141	150	7590	378	5530	0	0	6391	6082	-1033	18547	0	18547	1950	20497	50.03
4	7330	142	140	7612	543	5504	0	0	6428	5820	-946	18533	0	18533	1862	20395	50.04
5	7374	147	150	7671	535	5402	0	0	6704	6218	-914	18912	0	18912	1832	20744	50.03
6	7383	232	140	7755	496	5466	0	0	6729	6683	-950	19450	0	19450	1872	21322	50.03
7	7633	692	150	8475	364	5622	0	8	6886	6735	-745	20459	0	20459	1877	22336	50.04
8	7812	894	150	8856	379	5652	0	163	6562	6600	-680	20970	0	20970	1889	22859	50.07
9	7792	433	140	8365	226	5558	0	489	6732	6556	-754	20440	0	20440	1969	22409	50.03
10	7636	507	150	8293	221	5408	0	800	6796	6944	-883	20783	0	20783	2074	22857	49.98
11	7847	365	130	8342	272	5442	0	1029	7247	7049	-1035	21099	0	21099	2175	23274	50.00
12	7870	277	130	8277	199	5421	0	1126	7799	7605	-1092	21536	0	21536	2208	23744	50.01
13	7543	265	140	7948	209	5106	0	1159	7980	7901	-1228	21095	0	21095	2189	23284	50.00
14	7318	1152	130	8600	298	4590	0	1113	7553	7585	-1212	20974	0	20974	2154	23128	50.03
15	7386	680	120	8186	396	4623	0	966	8024	7734	-1218	20687	0	20687	2158	22845	50.02
16	7453	501	130	8084	439	4861	0	766	8176	7809	-1205	20754	0	20754	2144	22898	50.04
17	7500	366	140	8006	533	4889	0	493	7066	7000	-1179	19742	0	19742	2113	21855	49.99
18	7507	262	130	7899	608	4846	0	165	6443	6089	-1131	18476	0	18476	2072	20548	50.02
19	7465	272	130	7867	656	4600	0	7	6217	5620	-1100	17650	0	17650	2098	19748	50.04
20	7497	285	150	7932	675	4400	0	0	5952	5739	-1016	17730	0	17730	2216	19946	50.02
21	7434	239	141	7814	503	4137	0	0	5794	5611	-1037	17028	0	17028	2210	19238	49.99
22	7477	209	185	7871	546	4134	0	0	6042	6116	-1207	17460	0	17460	2177	19637	50.02
23	7423	164	248	7835	579	4287	0	0	6203	6084	-1218	17567	0	17567	2139	19706	50.01
24	7395	133	292	7820	726	4637	0	0	6222	6198	-1219	18162	0	18162	2137	20299	49.98
MUs	180.10	8.65	3.66	192.41	10.55	121.12	0.00	8.28	162.68	158.72	-25.38	465.71	0.00	465.71	49.80	515.51	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 07/Mar/2021

Position as on 6.30 Hrs of 08/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 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	
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.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Uran Unit 5	108	07/03/2021	00.07	07/03/2021	20.30	Filter Replacement Work.	
IPP	Adani U-5	660	07/03/2021	12.59		Continued.	APH 5A Hot Air Duct Heavy Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 08/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	07/03/2021	12.23	07/03/2021	14.27	T	Distance Protection
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	07/03/2021	17.50	07/03/2021	18.22	PO	Isolator Realignment Work.
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	06/03/2021	20.15	07/03/2021	06.34	HT	Over Voltage
Dhule Khandwa I	InterState	07/03/2021	06.54	07/03/2021	12.36	HT	To Control Over Loading Of Dhule ICT.
Dhule Sar'Sarovar I	InterState	07/03/2021	18.02	08/03/2021	06.45	T	DT Received From SSP Over Voltage 438 KV.
Chandrapur - Khaperkheda	IntraState	07/03/2021	13.16	07/03/2021	14.49	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)
Badnera - Amravati	IntraState	25/02/2021	16.13	07/03/2021	22.48	HT	To Control 400KV Akola ICT Loading.
Goregaon Versova Line 2	IntraState	05/03/2021	09.33		Continued.	PO	220kv Circuit Breaker (1152) Operating Mechanism Overhauling work.
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.
Talandge-Mudshingi Ckt-I	IntraState	07/03/2021	10.59	07/03/2021	15.11	HT	For ICT Load Management.
Kandalgaon - Pirangut	IntraState	07/03/2021	12.12	07/03/2021	19.00	PO	Commission And Erection Of Wave Trap & CC.
Trombay - Kalwa	IntraState	07/03/2021	13.06	07/03/2021	19.42	PO	Conductor Sag Clearance Work.
Dhamangaon New - Badnera	IntraState	07/03/2021	17.56	07/03/2021	21.19	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
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	07/03/2021	09.26		Continued.	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	07/03/2021	16.22	07/03/2021	17.00	HT	Emergency As Metering Core Of HV CT Opened Due To Cable Damage.

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