

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Mar/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.757	143.757	1) Gujrat	6.336	6.336
2) Hydro	4.066	4.066	2) Madhya Pradesh	13.865	13.865
3) Gas	9.276	9.276	3) Chattisgarh	4.280	4.280
Total MSPGCL	157.099	157.099	4) Maharashtra	121.797	121.797
B) 1) APMIL	67.329	67.329	5) Goa (Amona)	-0.308	-0.308
2) JSWEL	16.529	16.529	Total	145.970	145.970
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.008	18.008
4) RPL(AMT)	9.848	9.848	b) Mumbai Drawl	22.320	22.320
5) WPCL	2.498	2.498	c) MSEDCL Bilateral *	33.470	33.470
6) Other IPP	14.794	14.794	Include PX	4.086	4.086
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.008	18.008
C) 1) TPCL Thermal	12.057	12.057	Include PX	4.942	4.942
2) TPCL Hydro	0.980	0.980	Standby	0.000	0.000
3) TPCL Gas	4.417	4.417	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.098	9.098	1) MSEDCL	408.010	408.010
D) STATE			2) Mumbai Discoms	48.872	48.872
1) Thermal	275.910	275.910	TOTAL STATE	456.882	456.882
(A1+C1+C4+(B1-B6))					
2) Hydro	5.046	5.046			
(A2+C2)					
3) Gas	13.693	13.693			
(A3+B7+C3)					
4) Wind	9.547	9.547			
6) SOLAR	6.716	6.716			
TOTAL STATE	310.912	310.912			

* 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	6537	6334	5617	5616
MSPGCL Hydro	218	201	248	108
MSPGCL Gas	366	372	344	422
MSPGCL Total Generation	7120	6907	6209	6146
Central Sector Receipt	7604	7649	5425	5391
WIND	246	239	492	380
CPP / IPP Thermal	4979	4998	4074	4019
CPP / IPP Gas	0	0	0	0
SOLAR	965	947	0	0
Exchange with Mumbai	-1134	-1100	-1001	-1081
MSEDCL DEMAND MET	19780	19640	15199	14855
Load Shedding	0	0	0	0
MSEDCL DEMAND	19780	19640	15199	14855
TPCL GENERATION	725	743	836	692
AEML GENERATION	372	373	374	373
MUMBAI DEMAND	2231	2216	2211	2146
STATE DEMAND MET	22012	21856	17410	17001
STATE DEMAND	22012	21856	17410	17001
Frequency (Hz)	50.03	49.96	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 18.01 Hrs	49.81 Hz at 09.06 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 01/Mar/2020

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	9.47	9.47	432	360
Unit 9	11.13	11.13	568	390
Unit 10	10.56	10.56	500	371
Total	31.16	31.16		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.35	9.35	490	360
Unit 5	9.24	9.24	470	355
Total	18.58	18.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.03	5.03	250	191
Unit 7	5.04	5.04	248	187
Unit 8	5.27	5.27	250	200
Total	15.34	15.34		
Chandrapur				
Unit 3	4.20	4.20	190	163
Unit 4	3.99	3.99	175	160
Unit 5	0.00	0.00	0	0
Unit 6	9.83	9.83	480	360
Unit 7	0.00	0.00	0	0
Unit 8	10.10	10.10	500	360
Unit 9	9.34	9.34	460	360
Total	37.47	37.47		
Paras				
Unit 3	5.39	5.39	250	190
Unit 4	5.47	5.47	254	194
Total	10.86	10.86		
Khaparkheda				
Unit 1	4.03	4.03	185	155
Unit 2	4.18	4.18	190	160
Unit 3	4.24	4.24	200	158
Unit 4	4.23	4.23	195	160
Unit 5	9.77	9.77	460	360
Total	26.45	26.45		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	3.90	182	156
Unit 5	0.00	0.00	0	0
Total	3.90	3.90		
Uran				
All Units	9.28	9.28	445	324
Total	9.28	9.28		
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)	0.07	0.07	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.07		
Koyna				
Stage 1-2	2.00	2.00	300	40
Stage 4	0.00	0.00	0	0
Stage 3	0.19	0.19	80	0
Total	2.20	2.20		
Hydro				
KDPH	0.65	0.65	37	19
VTRNA	0.00	0.00	0	0
TILLARI	0.42	0.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.13	80	0
RNGR+BHTSA	0.20	0.20	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	0.46	20	19
GHATGHAR	0.00	0.00	0	0
Total	1.87	1.87		
Wind				
Total	9.55	9.55	0	0
Total	9.55	9.55		
CPP				
APML(Mus)	67.33	67.33	0	0
JSWEL(Mus)	16.53	16.53	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.85	9.85	0	0
WPCL(Mus)	2.50	2.50	0	0
Other(Mus)	14.79	14.79	0	0
Total	111.00	111.00		
SOLAR				
Total	6.72	6.72	0	0
Total	6.72	6.72		
Tata				
Trombay 5	7.66	7.66	405	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	2.80	118	100
Trombay 7B	1.62	1.62	69	63
Trombay 8	4.39	4.39	240	173
TATA Hydro	0.98	0.98	156	2
Total	17.45	17.45		
AEML				
DTPS U-1&2	9.10	9.10	464	372
Total	9.10	9.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.76	143.76	MSPGCL Total	157.10	157.10
			MSPGCL Thml+Gas	153.03	153.03	Koyna 1,2 & 4 Total	2.00	2.00
			MSPGCL Hydro	4.07	4.07	State Total	310.91	310.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Mar/2020

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	5589	114	421	6124	415	4581	0	0	5706	5740	-1042	15818	0	15818	2080	17898	50.01
2	5508	92	420	6020	443	4572	0	0	5637	5420	-896	15558	0	15558	1937	17496	50.02
3	5428	106	324	5858	454	4542	0	0	5576	5467	-808	15514	0	15514	1832	17346	50.01
4	5466	96	346	5908	481	4554	0	0	5482	5372	-744	15572	0	15572	1757	17328	50.03
5	5494	106	403	6004	481	4601	0	0	5526	5438	-733	15790	0	15790	1745	17535	50.04
6	6150	186	419	6756	430	4662	0	0	5561	5750	-780	16818	0	16818	1796	18614	50.05
7	6570	302	399	7270	400	4960	0	2	6166	5751	-676	17708	0	17708	1837	19544	49.99
8	6673	96	407	7176	409	4968	0	117	6278	6256	-706	18220	0	18220	1866	20086	49.97
9	6386	144	395	6926	334	4978	0	390	6251	6069	-894	17802	0	17802	1945	19748	49.98
10	6429	410	407	7246	322	4968	0	659	6228	6209	-1011	18393	0	18393	2077	20470	50.00
11	6573	146	372	7090	308	4974	0	855	7084	6902	-1091	19038	0	19038	2176	21214	50.00
12	6537	218	366	7120	246	4979	0	965	8135	7604	-1134	19780	0	19780	2231	22012	50.03
13	6334	201	372	6907	239	4998	0	947	7738	7649	-1100	19640	0	19640	2216	21856	49.96
14	6280	261	370	6911	186	5043	0	890	7536	7629	-1024	19635	0	19635	2144	21779	50.01
15	6424	341	370	7135	231	5075	0	761	7538	7276	-902	19576	0	19576	2117	21693	50.05
16	6437	191	385	7013	350	4960	0	597	7597	7050	-810	19160	0	19160	2093	21253	50.03
17	6111	157	376	6644	489	4886	0	407	6693	6477	-942	17961	0	17961	2055	20016	49.99
18	5666	101	372	6139	681	4483	0	124	5952	5573	-937	16063	0	16063	2044	18107	50.04
19	5593	108	331	6032	618	4063	0	2	5693	5407	-980	15142	0	15142	2098	17240	50.03
20	5617	248	344	6209	492	4074	0	0	5428	5425	-1001	15199	0	15199	2211	17410	49.97
21	5604	108	393	6105	402	4053	0	0	5200	5285	-1011	14834	0	14834	2216	17050	50.03
22	5624	113	417	6154	417	4022	0	0	5329	5292	-991	14894	0	14894	2172	17066	49.97
23	5616	108	422	6146	380	4019	0	0	5396	5391	-1081	14855	0	14855	2146	17001	49.99
24	5648	113	445	6206	339	3983	0	0	5595	5538	-1026	15040	0	15040	2081	17121	50.02
MUs	143.76	4.07	9.28	157.10	9.55	111.00	0.00	6.72	149.32	145.97	-22.32	408.01	0.00	408.01	48.87	456.88	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 01/Mar/2020

Position as on 6.30 Hrs of 02/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
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	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
MSPGCL	Uran Unit 8	108	23/02/2020	01.03	01/03/2020	02.43	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	28/02/2020	13.23		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 7	108	01/03/2020	05.40	01/03/2020	19.04	Air Filter Replacement.	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	02/03/2020	05.00		Continued.	Cooling Water Pump.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 02/Mar/2020

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 II	InterState	29/02/2020	18.50	01/03/2020	06.15	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/03/2020	17.51		Continued.	HT	Over Voltage
Deepnagar Taptitanda	IntraState	28/02/2020	17.45		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	29/02/2020	18.36	01/03/2020	09.45	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	01/03/2020	08.29	01/03/2020	19.27	PO	Line Maintenance work & Routine Diagnostic Testing Work.
Bhusawal-Aurangabad	IntraState	01/03/2020	17.55	02/03/2020	06.11	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	01/03/2020	09.17	01/03/2020	17.38	PO	Bay Maintenance & Complete Testing Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule, Under Outage Replacement of Earth Wire,24.02.2020.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Adlabs - Pedambe	IntraState	01/03/2020	06.15	01/03/2020	18.58	PO	Outage On Main Bus Section-2 @ Pedambe.
Pedambe-Nerle	IntraState	01/03/2020	06.17	01/03/2020	18.48	PO	Outage On Main Bus Section-2 @ Pedambe.
Pophli Pedhmbe Line- 2	IntraState	01/03/2020	06.19	01/03/2020	18.35	PO	Outage On Main Bus Section-2 @ Pedambe.
Pedhambe - Oni	IntraState	01/03/2020	06.20	01/03/2020	18.50	PO	Outage On Main Bus Section-2 @ Pedambe.
Nerul-Trombay	IntraState	01/03/2020	07.52	01/03/2020	21.50	PO	Bay Strengthening Work By Agency M/s Ramalex As Part of Mumbai Strengthening Phase-2.
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	01/03/2020	09.20	01/03/2020	19.00	PO	Damaged Conductor Repairing Work Between Loc No.180-181.

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