

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Mar/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.739	3186.790	1) Gujrat	2.170	51.749
2) Hydro	17.798	351.390	2) Madhya Pradesh	14.481	260.340
3) Gas	4.884	128.390	3) Chattisgarh	2.330	66.640
Total MSPGCL	181.421	3666.570	4) Maharashtra	138.447	2669.205
B) 1) APLM	56.462	1129.305	5) Goa (Amona)	-1.360	-23.733
2) JSWEL	18.397	264.098	Total	156.068	3024.201
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.191	512.239
4) RPL(AMT)	31.344	587.714	b) Mumbai Drawl	26.625	529.514
5) SWPGPL	8.431	162.009	c) MSEDCL Bilateral *	35.645	692.338
6) Other IPP	31.502	406.415	Include PX	5.627	84.438
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.191	511.681
C) 1) TPCL Thermal	15.103	155.134	Include PX	9.092	266.827
2) TPCL Hydro	3.168	106.758	Standby	0.000	0.558
3) TPCL Gas	2.206	66.184	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.721	226.408	1) MSEDCL	473.687	9010.275
D) STATE			2) Mumbai Discoms	58.823	1083.999
1) Thermal	331.699	6117.873	TOTAL STATE	532.510	10094.274
(A1+C1+C4+(B1-B6))					
2) Hydro	20.966	458.148			
(A2+C2)					
3) Gas	7.090	194.574			
(A3+B7+C3)					
4) Wind	9.620	149.020			
6) SOLAR	7.067	150.457			
TOTAL STATE	376.442	7070.072			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6484	6866	6930	6277
MSPGCL Hydro	910	964	881	354
MSPGCL Gas	195	200	200	200
MSPGCL Total Generation	7589	8030	8011	6831
Central Sector Receipt	6973	7652	5664	6128
WIND	325	225	366	656
CPP / IPP Thermal	6108	6127	6093	6047
CPP / IPP Gas	0	0	0	0
SOLAR	979	625	0	0
Exchange with Mumbai	-1256	-1308	-1137	-991
MSEDCL DEMAND MET	20718	21351	18997	18671
Load Shedding	0	0	0	0
MSEDCL DEMAND	20718	21351	18997	18671
TPCL GENERATION	1145	1008	1048	514
AEML GENERATION	499	499	499	359
MUMBAI DEMAND	2900	2815	2684	1864
STATE DEMAND MET	23618	24166	21681	20535
STATE DEMAND	23618	24166	21681	20535
Frequency (Hz)	49.91	49.94	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06:01 Hrs	49.75 Hz at 10:10 Hrs	50	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 19/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.86	57.43	180	130
Unit 7	3.27	48.28	146	120
Unit 8	9.66	200.86	523	310
Unit 9	10.08	205.12	505	355
Unit 10	8.42	206.63	450	245
Total	35.30	718.32		
Bhusawal				
Unit 3	4.14	77.86	180	130
Unit 4	11.41	189.16	495	430
Unit 5	11.58	221.61	500	420
Total	27.12	488.63		
Parli				
Unit 6	5.45	97.13	250	182
Unit 7	5.76	80.63	252	197
Unit 8	5.76	107.75	253	210
Total	16.97	285.51		
Chandrapur				
Unit 3	3.56	61.46	154	132
Unit 4	0.00	54.66	0	0
Unit 5	10.12	191.25	430	400
Unit 6	10.07	190.20	425	405
Unit 7	0.00	0.00	0	0
Unit 8	5.90	187.86	500	0
Unit 9	11.42	217.21	494	417
Total	41.07	902.64		
Paras				
Unit 3	5.10	96.78	220	198
Unit 4	5.15	55.41	247	165
Total	10.24	152.19		
Khaparkheda				
Unit 1	2.58	58.75	125	85
Unit 2	3.36	71.42	160	100
Unit 3	4.36	87.66	205	165
Unit 4	3.60	82.56	185	130
Unit 5	9.99	201.07	460	375
Total	23.88	501.46		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	69.82	0	0
Unit 5	4.14	68.22	197	127
Total	4.14	138.04		
Uran				
All Units	4.88	128.39	210	190
Total	4.88	128.39		
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)	0.15	2.88	24	0
Total	0.15	2.88		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.00	83.78	450	40
Stage 4	3.44	123.40	676	0
Stage 3	1.50	44.85	160	0
Total	8.94	252.03		
Hydro				
KDPH	0.86	14.16	36	36
VTRNA	0.95	9.45	60	0
TILLARI	0.48	9.03	58	0
BHIRA T.R.	0.14	5.92	80	0
SMLHY_PTN	5.77	29.42	254	227
GHATGHAR	0.65	15.24	125	0
Total	8.86	83.22		
Wind				
Total	9.62	149.02	0	0
Total	9.62	149.02		
CPP				
APML(Mus)	56.46	1129.30	0	0
JSWEL(Mus)	18.40	264.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.34	587.71	0	0
SWPGPL-Mus	8.43	162.01	0	0
Other(Mus)	31.50	406.42	0	0
Total	146.14	2549.54		
SOLAR				
Total	7.07	150.46	0	0
Total	7.07	150.46		
Tata				
Trombay 5	10.13	49.91	491	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.21	40.08	57	50
Trombay 7B	1.00	26.10	47	41
Trombay 8	4.97	105.23	233	136
TATA Hydro	3.17	106.76	335	0
Total	20.48	328.08		
AEML				
DTPS U-1&2	11.72	226.41	500	359
Total	11.72	226.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.74	3186.79	MSPGCL Total	181.42	3666.57
			MSPGCL Thml+Gas	163.62	3315.18	Koyna 1,2 & 4 Total	7.44	207.18
			MSPGCL Hydro	17.80	351.39	State Total	376.44	7070.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	6318	862	200	7380	558	6367	0	0	6416	6145	-1026	19424	0	19424	2343	21767	49.99
2	6344	406	209	6959	493	6339	0	0	6249	6203	-878	19116	0	19116	2169	21285	50.03
3	6327	405	190	6922	528	6029	0	0	6332	6199	-928	18750	0	18750	2011	20761	50.05
4	6316	400	210	6926	539	6041	0	0	6260	6108	-903	18711	0	18711	1910	20621	50.05
5	6277	354	200	6831	656	6047	0	0	6546	6128	-991	18671	0	18671	1864	20535	50.03
6	6352	363	210	6925	460	6174	0	0	6872	6832	-927	19464	0	19464	1913	21377	49.99
7	6393	960	209	7562	433	6302	0	6	6732	6746	-721	20328	0	20328	1970	22298	50.04
8	6323	1314	190	7827	370	6292	0	125	6892	6854	-778	20690	0	20690	2082	22772	50.03
9	6348	1433	210	7991	374	6164	0	351	6911	6978	-984	20874	0	20874	2332	23206	49.98
10	6426	1416	198	8040	591	6124	0	675	6592	6556	-1067	20919	0	20919	2629	23548	49.94
11	6373	1093	196	7662	588	6076	0	888	6775	6725	-1211	20728	0	20728	2821	23549	49.91
12	6484	910	195	7589	325	6108	0	979	7253	6973	-1256	20718	0	20718	2900	23618	49.91
13	6535	1033	209	7777	233	6039	0	1040	7423	7417	-1438	21068	0	21068	2907	23975	50.00
14	6623	679	200	7502	171	6050	0	1026	7432	7109	-1338	20520	0	20520	2774	23294	50.04
15	6743	632	210	7585	173	5968	0	886	7614	7410	-1369	20653	0	20653	2798	23451	49.99
16	6866	964	200	8030	225	6127	0	625	7453	7652	-1308	21351	0	21351	2815	24166	49.94
17	6912	814	210	7936	249	6147	0	335	6984	6804	-1181	20290	0	20290	2786	23076	50.00
18	6919	594	209	7722	308	6113	0	126	6560	6266	-1094	19441	0	19441	2716	22157	50.02
19	6981	477	210	7668	346	6042	0	5	5825	5934	-1134	18861	0	18861	2633	21494	49.93
20	6930	881	200	8011	366	6093	0	0	5837	5664	-1137	18997	0	18997	2684	21681	49.97
21	6949	459	210	7618	386	5963	0	0	5820	5288	-1052	18203	0	18203	2575	20778	50.03
22	6868	413	190	7471	396	5698	0	0	5984	6104	-1290	18379	0	18379	2449	20828	50.01
23	7076	502	210	7788	393	5897	0	0	5888	6035	-1295	18818	0	18818	2376	21194	50.00
24	7056	434	209	7699	459	5936	0	0	6052	5938	-1319	18713	0	18713	2366	21079	50.02
MUs	158.74	17.80	4.88	181.42	9.62	146.14	0.00	7.07	158.70	156.07	-26.63	473.69	0.00	473.69	58.82	532.51	50.00

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 19/Mar/2021

Position as on 6.30 Hrs of 20/Mar/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	
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 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	Chandrapur Unit-8	500	16/03/2021	13.46	19/03/2021	08.57	Drum Level High	
MSPGCL	Nasik Unit 4	210	18/03/2021	08.37		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	
IPP	Adani U-5	660	20/03/2021	00.07	20/03/2021	04.55	ID Fan Problem	
IPP	JSW (J) U2	300	20/03/2021	01.00		Continued.	CW DUCT Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 20/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
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.
Koradi Bhilai	InterState	18/03/2021	15.49	19/03/2021	02.43	T	Master trip relay of 400 KV Koradi Bhilai ckt at 400KV Koradi Faulty.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
Alkud-Kolhapur(Talandage)	IntraState	20/03/2021	06.45		Continued.	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 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
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)
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.
Trombay - Mulund	IntraState	17/03/2021	11.18		Continued.	PO	Replacement of conductor in between Loc. No. 56 to 58
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	18/03/2021	15.13		Continued.	PO	DC Fail at Jalkot S/S
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	18/03/2021	15.14		Continued.	PO	DC Fail at Jalkot S/S
Bableshtar - Alephata ckt I	IntraState	18/03/2021	18.38	19/03/2021	01.00	PO	Tan Delta Measurment of CTs
Koradi-Ambazari-I	IntraState	19/03/2021	00.40	19/03/2021	12.57	T	A:D/P,R-PH To E,Z1, 12.28KA, 6.1KM K:9.3KM, 10.01 KA.
Dahanu-Viraj	IntraState	19/03/2021	08.36	19/03/2021	21.48	PO	Shifting of SS line from its existing position(Temporary diversion) to newly Constructed Permanent towers under DFCCIL Modification/diversion works. Location SS-11A-12-13
Dasturi-Kandalgaon Line	IntraState	19/03/2021	09.05	19/03/2021	18.22	PO	1) Line Signature test. 2) Emergency tree cutting work.
Padgha - Temghar I	IntraState	19/03/2021	12.57	19/03/2021	23.10	EO	To attend Y Phase CT Oil Leakage At Padgha End.
Khaparkheda-Kalmeshwar	IntraState	19/03/2021	16.47	19/03/2021	19.18	EO	For Replacement of Shattered Insulator String At LOC No 9.
Khaparkheda-Kanhan	IntraState	19/03/2021	16.56	19/03/2021	18.58	EO	For Replacement of Shattered Insulator String At LOC No 9.
Chikhli-Jalna-II	IntraState	19/03/2021	22.44	19/03/2021	23.37	HT	H/T For Controlling AKOLA ICT.
Chikhli-Jalna-I	IntraState	19/03/2021	22.44	19/03/2021	23.35	HT	H/T For Controlling AKOLA ICT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Apta	IntraState	17/03/2021	15.17		Continued.	EO	Replacement of Faulty Differential relay
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	19/03/2021	06.35	19/03/2021	21.14	PO	Connecting new XLP cables (Project work).
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	19/03/2021	09.59	19/03/2021	15.22	PO	Diagnostic Testing Work.
220/33kv 125 MVA Transformer 1 @Gorai R/S	IntraState	19/03/2021	11.00	19/03/2021	12.06	PO	Attending OLTC Problem.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	19/03/2021	15.27	19/03/2021	19.32	PO	Diagnostic Testing Work.

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