

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Feb/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	166.634	2594.110	1) Gujrat	2.671	78.340
2) Hydro	9.957	188.581	2) Madhya Pradesh	11.921	241.689
3) Gas	9.961	158.447	3) Chattisgarh	3.890	87.840
Total MSPGCL	186.552	2941.138	4) Maharashtra	128.044	2301.622
B) 1) APML	74.440	1375.290	5) Goa (Amona)	-0.352	-9.438
2) JSWEL	23.482	442.770	Total	146.174	2700.053
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.672	390.596
4) RPL(AMT)	5.579	187.598	b) Mumbai Drawl	28.784	457.939
5) WPCL	5.158	53.323	c) MSEDCL Bilateral *	28.738	546.948
6) Other IPP	15.866	304.976	Include PX	3.416	67.229
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.672	390.596
C) 1) TPCL Thermal	14.230	260.578	Include PX	10.909	136.919
2) TPCL Hydro	5.078	81.559	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.433	169.783	1) MSEDCL	439.400	7854.993
D) STATE			2) Mumbai Discoms	58.525	972.518
1) Thermal	315.822	5388.428	TOTAL STATE	497.925	8827.511
(A1+C1+C4+(B1-B6))					
2) Hydro	15.035	270.140			
(A2+C2)					
3) Gas	9.961	161.106			
(A3+B7+C3)					
4) Wind	3.736	184.008			
6) SOLAR	7.197	123.776			
TOTAL STATE	351.751	6127.458			

* 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	7254	7263	6995	6344
MSPGCL Hydro	1113	716	386	117
MSPGCL Gas	414	396	416	430
MSPGCL Total Generation	8781	8375	7797	6891
Central Sector Receipt	7484	7421	5508	5251
WIND	137	122	203	99
CPP / IPP Thermal	5456	5430	5257	4519
CPP / IPP Gas	0	0	0	0
SOLAR	1043	1018	6	0
Exchange with Mumbai	-1331	-1394	-1481	-896
MSEDCL DEMAND MET	21570	20972	17290	15864
Load Shedding	0	0	0	0
MSEDCL DEMAND	21570	20972	17290	15864
TPCL GENERATION	1148	1039	907	499
AEML GENERATION	501	501	374	373
MUMBAI DEMAND	2980	2934	2762	1768
STATE DEMAND MET	24550	23906	20052	17632
STATE DEMAND	24550	23906	20052	17632
Frequency (Hz)	50.03	49.93	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.01 Hrs	49.72 Hz at 12.48 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/Feb/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	11.47	192.20	565	357
Unit 9	13.21	207.73	600	495
Unit 10	12.19	174.10	545	450
Total	36.88	574.02		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.15	75.65	475	360
Unit 5	9.52	72.36	470	350
Total	19.66	148.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.21	95.00	245	190
Unit 7	5.29	70.83	249	187
Unit 8	4.76	87.13	243	0
Total	15.26	252.96		
Chandrapur				
Unit 3	4.31	20.78	190	161
Unit 4	3.97	74.85	170	157
Unit 5	0.00	0.00	0	0
Unit 6	10.56	194.01	475	360
Unit 7	9.60	177.35	450	352
Unit 8	11.42	204.42	490	440
Unit 9	10.91	200.50	480	430
Total	50.77	871.92		
Paras				
Unit 3	5.40	96.58	240	220
Unit 4	5.97	60.85	254	219
Total	11.37	157.44		
Khaparkheda				
Unit 1	4.16	76.69	180	160
Unit 2	4.14	74.16	185	160
Unit 3	4.53	83.78	200	158
Unit 4	4.40	81.63	195	160
Unit 5	11.38	197.32	500	370
Total	28.63	513.58		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.07	50.90	200	150
Unit 5	0.00	0.00	0	0
Total	4.07	76.18		
Uran				
All Units	9.96	158.45	433	394
Total	9.96	158.45		
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)	0.09	5.11	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	5.11		
Koyna				
Stage 1-2	3.69	54.79	495	45
Stage 4	2.39	56.81	475	0
Stage 3	1.50	24.64	160	0
Total	7.58	136.23		
Hydro				
KDPH	0.44	7.02	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.30	8.28	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.23	3.63	80	0
RNGR+BHTSA	0.36	6.44	15	14
BHANDARDRA	0.45	1.15	26	14
ELDARY	0.36	5.28	15	14
SMLHY_PTN	0.25	9.53	21	7
GHATGHAR	0.00	10.93	0	0
Total	2.38	52.35		
Wind				
Total	3.74	184.01	0	0
Total	3.74	184.01		
CPP				
APML(Mus)	74.44	1375.29	0	0
JSWEL(Mus)	23.48	442.77	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.58	187.60	0	0
WPCL(Mus)	5.16	53.32	0	0
Other(Mus)	15.87	304.98	0	0
Total	124.52	2363.96		
SOLAR				
Total	7.20	123.78	0	0
Total	7.20	123.78		
Tata				
Trombay 5	9.33	169.31	478	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.50	0	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	4.90	91.27	242	174
TATA Hydro	5.08	81.56	429	2
Total	19.31	344.80		
AEML				
DTPS U-1&2	10.43	169.78	502	373
Total	10.43	169.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	166.63	2594.11	MSPGCL Total	186.55	2941.14
			MSPGCL Thml+Gas	176.60	2752.56	Koyna 1,2 & 4 Total	6.08	111.60
			MSPGCL Hydro	9.96	188.58	State Total	351.75	6127.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Feb/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	6437	131	417	6985	192	5108	0	0	5479	5439	-1194	16530	0	16530	2082	18612	49.95
2	6300	116	428	6844	181	5068	0	0	5379	5237	-1049	16281	0	16281	1933	18214	50.02
3	6286	117	418	6821	160	4649	0	0	5316	5284	-960	15954	0	15954	1832	17786	50.02
4	6344	117	430	6891	99	4519	0	0	5280	5251	-896	15864	0	15864	1768	17632	50.04
5	6633	117	430	7180	83	4791	0	0	5369	5225	-882	16397	0	16397	1753	18150	50.02
6	6985	128	417	7530	83	5068	0	0	5801	5836	-952	17565	0	17565	1830	19395	50.02
7	7179	637	430	8246	139	5240	0	2	6088	5726	-806	18547	0	18547	1956	20503	50.00
8	7199	612	426	8237	158	5474	0	101	6049	6213	-800	19383	0	19383	2111	21494	49.99
9	7294	447	416	8157	105	5469	0	399	6182	6571	-947	19754	0	19754	2377	22131	50.04
10	7318	331	425	8074	123	5564	0	661	6575	6989	-1113	20298	0	20298	2680	22978	50.00
11	7306	665	411	8382	141	5481	0	865	6970	6952	-1244	20577	0	20577	2879	23456	49.97
12	7254	1113	414	8781	137	5456	0	1043	7691	7484	-1331	21570	0	21570	2980	24550	50.03
13	7263	716	396	8375	122	5430	0	1018	7644	7421	-1394	20972	0	20972	2934	23906	49.93
14	7226	393	394	8013	139	5446	0	962	7205	7176	-1309	20427	0	20427	2795	23222	50.00
15	7231	801	396	8428	161	5466	0	889	7203	7110	-1304	20750	0	20750	2838	23588	49.97
16	7301	793	397	8491	154	5464	0	681	7144	6922	-1309	20403	0	20403	2856	23259	50.00
17	7352	732	397	8481	166	5502	0	408	6457	6348	-1298	19607	0	19607	2852	22459	49.95
18	7170	339	410	7919	185	5329	0	162	6030	6041	-1501	18135	0	18135	2796	20931	49.97
19	6995	386	416	7797	203	5257	0	6	5564	5508	-1481	17290	0	17290	2762	20052	50.01
20	7083	250	408	7741	219	5285	0	0	5724	5163	-1490	16918	0	16918	2751	19669	50.02
21	6536	180	412	7128	250	4956	0	0	5383	5648	-1429	16553	0	16553	2631	19184	49.99
22	6670	425	433	7528	195	4719	0	0	5329	5510	-1339	16613	0	16613	2486	19099	50.02
23	6647	123	414	7184	166	4820	0	0	5613	5954	-1437	16687	0	16687	2380	19067	50.00
24	6625	288	426	7339	175	4964	0	0	5347	5165	-1319	16324	0	16324	2263	18587	50.03
MUs	166.63	9.96	9.96	186.55	3.74	124.53	0.00	7.20	146.82	146.17	-28.78	439.40	0.00	439.40	58.52	497.92	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/Feb/2020

Position as on 6.30 Hrs of 20/Feb/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.	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
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 20.00 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 04.25Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
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	Uran Unit 8	108	16/02/2020	22:52		Continued.	Gas shortage	
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	Parli Unit 8	250	18/02/2020	22.41	19/02/2020	01.43	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 20/Feb/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 I	InterState	13/02/2020	12.08		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Chandrapur Bhadravati II	InterState	18/02/2020	11.59		Continued.	PO	Y and B phase CT Replacement work
Bhusawal-Aurangabad	IntraState	18/02/2020	18.08	19/02/2020	07.13	HT	Over Voltage
New Koyna - Dabhol - II	IntraState	19/02/2020	09.23	19/02/2020	19.43	PO	Equipment And Relay Testing Work.
Girwali - Lonikand 1	IntraState	19/02/2020	17.20	19/02/2020	18.04	PO	For Taking Line Reactor 50 MVAR In Service.
Bhusawal-Aurangabad	IntraState	19/02/2020	18.03	20/02/2020	06.19	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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
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
Bhira Dharavi 7	IntraState	19/02/2020	06.00	19/02/2020	09.12	PO	For Taking Measurement At Loc.108 For maintenance Work.
Mumewadi -Halkarni ckt-II	IntraState	19/02/2020	09.22	19/02/2020	15.48	PO	For Replacement Of Old Suspension Insulator.
Kharghar-Borivali ckt II	IntraState	19/02/2020	14.02	19/02/2020	20.47	PO	For R & M And Diagnostic Testing Work.
Trombay Carnac 5	IntraState	19/02/2020	22.59	20/02/2020	00.57	EO	SF6 Gas Filling in GIS Compartment

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