

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.343	2946.825	1) Gujrat	8.675	138.928
2) Hydro	5.413	179.468	2) Madhya Pradesh	13.627	266.572
3) Gas	6.522	140.497	3) Chattisgarh	6.280	107.270
Total MSPGCL	165.278	3266.790	4) Maharashtra	136.250	2352.697
B) 1) APLM	66.015	1312.168	5) Goa (Amona)	-0.286	-7.282
2) JSWEL	16.648	310.065	Total	164.546	2858.185
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.668	416.704
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	25.824	437.459
5) WPCL	2.500	47.581	c) MSEDCL Bilateral *	40.769	677.821
6) Other IPP	13.932	272.412	Include PX	10.656	106.072
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.668	416.704
C) 1) TPCL Thermal	13.131	253.041	Include PX	7.761	122.615
2) TPCL Hydro	5.191	69.451	Standby	0.000	0.000
3) TPCL Gas	2.112	58.852	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.616	187.865	1) MSEDCL	423.225	8080.482
D) STATE			2) Mumbai Discoms	55.874	1006.673
1) Thermal	275.185	5394.368	TOTAL STATE	479.099	9087.155
(A1+C1+C4+(B1-B6))					
2) Hydro	10.604	248.919			
(A2+C2)					
3) Gas	8.634	199.349			
(A3+B7+C3)					
4) Wind	12.309	245.385			
6) SOLAR	7.821	140.944			
TOTAL STATE	314.553	6228.965			

* 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	6885	6848	6233	6070
MSPGCL Hydro	139	129	283	108
MSPGCL Gas	260	259	278	277
MSPGCL Total Generation	7284	7236	6794	6455
Central Sector Receipt	8519	8279	6145	5539
WIND	371	344	638	657
CPP / IPP Thermal	4028	3972	4599	3881
CPP / IPP Gas	0	0	0	0
SOLAR	1056	1052	0	0
Exchange with Mumbai	-1273	-1414	-1137	-850
MSEDCL DEMAND MET	19985	19469	17039	15682
Load Shedding	0	0	0	0
MSEDCL DEMAND	19985	19469	17039	15682
TPCL GENERATION	1138	971	991	578
AEML GENERATION	411	377	373	373
MUMBAI DEMAND	2822	2762	2501	1801
STATE DEMAND MET	22807	22231	19540	17483
STATE DEMAND	22807	22231	19540	17483
Frequency (Hz)	49.96	50.01	49.93	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 17.03 Hrs	49.69 Hz at 15.28 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/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	10.34	199.00	501	360
Unit 9	11.05	213.77	600	360
Unit 10	10.00	201.15	520	320
Total	31.40	613.93		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.62	186.60	480	360
Unit 5	9.77	184.72	500	355
Total	19.39	371.31		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.92	69.15	250	180
Unit 7	5.07	58.00	248	194
Unit 8	5.34	101.56	250	205
Total	15.33	228.70		
Chandrapur				
Unit 3	4.32	80.30	190	163
Unit 4	4.14	76.19	182	160
Unit 5	8.22	123.35	450	0
Unit 6	8.01	185.74	360	310
Unit 7	10.19	159.07	460	369
Unit 8	0.00	163.82	0	0
Unit 9	9.47	190.99	452	320
Total	44.35	979.46		
Paras				
Unit 3	5.65	86.49	250	221
Unit 4	5.83	89.89	250	228
Total	11.48	176.39		
Khaparkheda				
Unit 1	3.94	75.38	180	150
Unit 2	4.14	79.08	185	160
Unit 3	4.24	76.68	195	158
Unit 4	4.22	71.73	195	160
Unit 5	10.79	196.19	485	370
Total	27.33	499.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.07	77.96	197	161
Unit 5	0.00	0.00	0	0
Total	4.07	77.96		
Uran				
All Units	6.52	140.50	287	248
Total	6.52	140.50		
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	1.03	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.03		
Koyna				
Stage 1-2	2.14	53.78	365	40
Stage 4	0.21	55.05	174	0
Stage 3	0.95	23.87	160	0
Total	3.29	132.70		
Hydro				
KDPH	0.43	13.40	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	8.02	0	0
BHTGR/VEER	0.00	0.18	0	0
BHIRA T.R.	0.31	3.27	80	0
RNGR+BHTSA	0.35	6.28	15	14
BHANDARDRA	0.46	5.72	29	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	8.41	34	21
GHATGHAR	0.00	1.49	0	0
Total	2.12	46.77		
Wind				
Total	12.31	245.38	0	0
Total	12.31	245.38		
CPP				
APML(Mus)	66.02	1312.17	0	0
JSWEL(Mus)	16.65	310.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.50	47.58	0	0
Other(Mus)	13.93	272.41	0	0
Total	99.10	2006.64		
SOLAR				
Total	7.82	140.94	0	0
Total	7.82	140.94		
Tata				
Trombay 5	8.51	163.68	486	294
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	35.01	49	47
Trombay 7B	0.96	23.84	41	39
Trombay 8	4.62	89.36	243	174
TATA Hydro	5.19	69.45	429	2
Total	20.43	381.34		
AEML				
DTPS U-1&2	9.62	187.86	502	372
Total	9.62	187.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.34	2946.82	MSPGCL Total	165.28	3266.79
			MSPGCL Thml+Gas	159.86	3087.32	Koyna 1,2 & 4 Total	2.34	108.83
			MSPGCL Hydro	5.41	179.47	State Total	314.55	6228.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	6528	112	274	6914	581	3849	0	0	6193	6023	-1103	16264	0	16264	2138	18402	49.98
2	6357	107	276	6740	510	3869	0	0	6129	5893	-1004	16008	0	16008	2011	18019	50.00
3	6161	118	287	6566	610	3870	0	0	5726	5822	-919	15949	0	15949	1878	17827	50.03
4	6070	108	277	6455	657	3881	0	0	5735	5539	-850	15682	0	15682	1801	17483	50.01
5	6109	123	286	6518	604	3887	0	0	6063	5723	-830	15902	0	15902	1764	17666	50.00
6	6362	118	287	6767	599	3883	0	0	6646	6551	-788	17012	0	17012	1814	18826	50.00
7	6547	123	278	6948	470	3949	0	14	7422	7173	-530	18024	0	18024	1920	19944	50.01
8	6566	323	279	7168	377	3956	0	159	7523	7601	-600	18661	0	18661	2059	20720	50.02
9	6550	237	275	7062	174	3947	0	475	7520	7648	-814	18492	0	18492	2332	20824	50.02
10	6582	770	276	7628	172	3949	0	765	7383	7299	-984	18829	0	18829	2629	21458	49.98
11	6708	326	264	7298	329	4144	0	932	8159	7530	-1112	19121	0	19121	2807	21928	50.02
12	6885	139	260	7284	371	4028	0	1056	8684	8519	-1273	19985	0	19985	2822	22807	49.96
13	6848	129	259	7236	344	3972	0	1052	8494	8279	-1414	19469	0	19469	2762	22231	50.01
14	6663	130	248	7041	367	4001	0	1042	8378	8008	-1387	19072	0	19072	2594	21666	50.05
15	6584	179	257	7020	341	4018	0	912	8404	8189	-1391	19089	0	19089	2616	21705	49.97
16	6670	389	258	7317	459	4251	0	730	8274	7958	-1272	19443	0	19443	2637	22080	49.86
17	6678	273	260	7211	432	4168	0	495	7934	7550	-1239	18617	0	18617	2620	21237	50.00
18	6425	348	263	7036	420	4379	0	176	6690	7025	-1308	17728	0	17728	2559	20287	50.06
19	6337	272	268	6877	585	4503	0	13	6333	5779	-1187	16570	0	16570	2491	19061	50.02
20	6233	283	278	6794	638	4599	0	0	6374	6145	-1137	17039	0	17039	2501	19540	49.93
21	5974	197	270	6441	689	4438	0	0	6223	6092	-1112	16548	0	16548	2387	18935	50.02
22	5887	273	272	6432	735	4311	0	0	5992	6259	-1192	16545	0	16545	2300	18845	50.00
23	5766	158	284	6208	945	4572	0	0	6055	6053	-1220	16558	0	16558	2246	18804	49.99
24	5853	178	286	6317	900	4671	0	0	5953	5888	-1158	16618	0	16618	2186	18804	50.02
MUs	153.34	5.41	6.52	165.28	12.31	99.10	0.00	7.82	168.29	164.55	-25.82	423.23	0.00	423.23	55.87	479.10	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/2020

Position as on 6.30 Hrs of 20/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
IPP	Adani U-5	660	16/03/2020	12.13	19/03/2020	15.14	APH Hot PA Bellow Leakage.	
MSPGCL	Chandrapur Unit-8	500	16/03/2020	20.44	20/03/2020	03.57	PA Fan problem	
IPP	SWPGL U-2	135	17/03/2020	23.20	19/03/2020	21.03	ID Fan Vibration.	
MSPGCL	Chandrapur Unit 5	500	19/03/2020	20.20		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Tripping							
765/400KV 1500MVA ICT II @ Aurangabad (Ektuni)	IntraState	19/03/2020	11.04	19/03/2020	21.47	PO	Tan Delta & Capacitance measurment of 1500MVA ICT-II Bushings
400 KV LINE Outages/Tripping							
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	18/03/2020	19.39	19/03/2020	06.27	HT	Over Voltage
Dabhol Nagothane II	InterState	19/03/2020	01.58	19/03/2020	18.54	T	Over Voltage
Dhule Sar'Sarovar I	InterState	19/03/2020	21.50	20/03/2020	05.45	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/03/2020	19.30	19/03/2020	06.41	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	19/03/2020	08.55	19/03/2020	18.54	PO	Cold Washing Work
Chandrapur-II - Nanded ckt I	IntraState	19/03/2020	09.32	19/03/2020	18.24	EO	Attending of Broken conductor stands
New Koyana - Koyana Stage IV-II	IntraState	19/03/2020	12.05	19/03/2020	14.53	EO	Attending Oil Leakage
Padghe - Nagothane - II	IntraState	19/03/2020	16.12	19/03/2020	22.31	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	19/03/2020	21.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
220 KV LINE Outages/Tripping							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
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	Isolation of 220KV Cables on MSETCL Tower NO.240
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Amalner - Bambhori	IntraState	17/03/2020	19.28		Continued.	T	Distance Protection
220 KV VIRODA - AMALNER	IntraState	17/03/2020	21.11		Continued.	T	Distance Protection
Bableshwar -Bhenda	IntraState	18/03/2020	05.12		Continued.	T	Distance Protection
Karad - Kadegaon	IntraState	18/03/2020	09.47		Continued.	PO	For Fixing Of 6 Nos. Of Cross-Arms (Karad Ckt) & Tightening Of Line 220Kv.
Kandalgaon - Sona Alloys	IntraState	19/03/2020	05.50		Continued.	PO	Tower Erection work
Deoli(Pgcil)-Badnera	IntraState	19/03/2020	08.43	19/03/2020	19.25	PO	Tower Erection work
Chakan-Mahindra Vehicle	IntraState	19/03/2020	09.48	19/03/2020	17.48	PO	Dignostic Testing work
Halkarni-Olam(Agro)	IntraState	19/03/2020	11.58	19/03/2020	13.33	PO	Installation of ABT meter in series with Discom energy meter
Lonikand2 - Bhosari1	IntraState	19/03/2020	11.59	19/03/2020	17.37	PO	Restranging work
Kharghar - Tss Panvel	IntraState	19/03/2020	12.11	19/03/2020	14.11	PO	Tree cutting work
Deepnagar Bambhori	IntraState	19/03/2020	13.24	19/03/2020	19.26	T	Distance Protection
Nanded-Parbhani	IntraState	19/03/2020	16.06	19/03/2020	16.25	T	Distance Protection
220 KV ICT Outages/Tripping							

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

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

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	18/03/2020	08.56	19/03/2020	23.11	PO	Diagnostic Testing Work.
220/132 Kv 200 MVA ICT I @Dhule	IntraState	19/03/2020	08.50	19/03/2020	16.06	PO	Replacement work