

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.600	2700.397	1) Gujrat	-1.525	36.114
2) Hydro	8.281	157.713	2) Madhya Pradesh	3.085	138.366
3) Gas	6.623	126.507	3) Chattisgarh	6.220	119.200
Total MSPGCL	164.504	2984.617	4) Maharashtra	143.236	2588.702
B) 1) APML	31.178	1114.193	5) Goa (Amona)	-0.897	-26.547
2) JSWEL	17.906	344.005	Total	150.119	2855.835
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.878	323.940
4) RPL(AMT)	9.410	59.662	b) Mumbai Drawl	16.823	394.254
5) WPCL	7.869	137.087	c) MSEDCL Bilateral *	43.786	666.427
6) Other IPP	18.030	328.025	Include PX	15.489	152.918
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.878	322.963
C) 1) TPCL Thermal	13.414	252.807	Include PX	8.588	193.299
2) TPCL Hydro	3.179	61.106	Standby	0.000	0.978
3) TPCL Gas	4.259	67.616	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.138	173.097	1) MSEDCL	407.156	7761.794
D) STATE			2) Mumbai Discoms	47.813	948.880
1) Thermal	257.545	5109.273	TOTAL STATE	454.969	8710.674
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.460	218.819			
3) Gas (A3+B7+C3)	10.882	194.123			
4) Wind	18.489	217.358			
6) SOLAR	6.474	115.266			
TOTAL STATE	304.850	5854.839			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6687	6716	6626	5459
MSPGCL Hydro	906	252	830	136
MSPGCL Gas	268	266	268	291
MSPGCL Total Generation	7862	7234	7724	5886
Central Sector Receipt	7671	7886	5570	4784
WIND	779	496	612	914
CPP / IPP Thermal	3820	3710	3863	3242
CPP / IPP Gas	0	0	0	0
SOLAR	847	970	0	0
Exchange with Mumbai	-782	-815	-753	-657
MSEDCL DEMAND MET	20196	19481	17017	14169
Load Shedding	0	0	0	0
MSEDCL DEMAND	20196	19481	17017	14169
TPCL GENERATION	1079	1060	1087	608
AEML GENERATION	497	497	497	281
MUMBAI DEMAND	2358	2372	2337	1546
STATE DEMAND MET	22554	21853	19354	15715
STATE DEMAND	22554	21853	19354	15715
Frequency (Hz)	50.00	50.00	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06.03 Hrs	49.84 Hz at 14.15 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 19/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.64	35.46	190	115
Unit 7	3.21	21.30	172	98
Unit 8	11.59	237.23	532	374
Unit 9	11.52	173.09	527	335
Unit 10	0.00	0.00	0	0
Total	29.95	467.09		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	204.12	500	280
Unit 5	10.27	202.54	485	280
Total	20.93	406.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	95.84	250	165
Unit 7	5.26	95.93	248	169
Unit 8	5.25	100.81	252	163
Total	15.79	292.58		
Chandrapur				
Unit 3	3.63	59.78	170	120
Unit 4	3.55	68.32	158	134
Unit 5	8.68	171.99	425	275
Unit 6	0.95	138.13	295	0
Unit 7	9.40	94.55	451	283
Unit 8	10.88	208.25	496	223
Unit 9	11.76	184.33	497	474
Total	48.85	925.35		
Paras				
Unit 3	4.34	81.78	250	147
Unit 4	5.31	91.16	250	155
Total	9.65	172.94		
Khaparkheda				
Unit 1	3.64	64.00	165	135
Unit 2	3.98	70.39	185	140
Unit 3	0.00	0.00	0	0
Unit 4	4.11	78.11	190	140
Unit 5	9.57	165.69	405	390
Total	21.29	378.19		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.14	49.88	150	125
Unit 5	0.00	0.00	0	0
Total	3.14	57.58		
Uran				
All Units	6.62	126.51	293	255
Total	6.62	126.51		
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)	0.11	1.50	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	1.50		
Koyna				
Stage 1-2	3.08	58.66	475	40
Stage 4	1.24	38.14	255	0
Stage 3	0.88	20.87	160	0
Total	5.19	117.67		
Hydro				
KDPH	0.44	4.60	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.22	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	3.65	40	0
RNGR+BHTSA	0.36	6.61	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.28	8.48	54	53
GHATGHAR	0.76	16.48	250	0
Total	3.09	40.04		
Wind				
Total	18.49	217.36	0	0
Total	18.49	217.36		
CPP				
APML(Mus)	31.18	1114.19	0	0
JSWEL(Mus)	17.91	344.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.41	59.66	0	0
WPCL(Mus)	7.87	137.09	0	0
Other(Mus)	18.03	328.02	0	0
Total	84.39	1982.97		
SOLAR				
Total	6.47	115.27	0	0
Total	6.47	115.27		
Tata				
Trombay 5	8.87	166.94	457	284
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	41.72	117	95
Trombay 7B	1.58	25.90	68	60
Trombay 8	4.54	85.87	233	138
TATA Hydro	3.18	61.11	276	0
Total	20.85	381.53		
AEML				
DTPS U-1&2	10.14	173.10	499	279
Total	10.14	173.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.60	2700.40	MSPGCL Total	164.50	2984.62
			MSPGCL Thml+Gas	156.22	2826.90	Koyna 1,2 & 4 Total	4.31	96.80
			MSPGCL Hydro	8.28	157.71	State Total	304.85	5854.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Dec/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	6186	130	291	6608	750	3241	0	0	5065	4982	-806	14774	0	14774	1723	16497	50.01
2	5785	130	281	6196	854	3239	0	0	5015	4863	-734	14418	0	14418	1623	16041	50.00
3	5459	136	291	5886	914	3242	0	0	5095	4784	-657	14169	0	14169	1546	15715	50.01
4	5129	142	291	5562	917	3248	0	0	5063	5341	-611	14456	0	14456	1499	15955	50.01
5	5482	136	282	5900	1002	3259	0	0	5111	5485	-612	15034	0	15034	1498	16532	50.02
6	6284	132	291	6706	1077	3358	0	0	5686	5430	-563	16008	0	16008	1558	17566	50.03
7	6471	136	293	6900	937	3404	0	2	6758	6523	-521	17246	0	17246	1629	18875	50.07
8	6562	542	282	7386	825	3525	0	93	6953	7164	-563	18430	0	18430	1743	20173	50.02
9	6562	1006	291	7860	676	3765	0	350	6903	7170	-561	19260	0	19260	1951	21211	49.98
10	6607	1112	289	8008	754	3772	0	657	7212	6948	-709	19430	0	19430	2174	21604	49.99
11	6687	906	268	7862	779	3820	0	847	7640	7671	-782	20196	0	20196	2358	22554	50.00
12	6738	450	266	7454	578	3731	0	952	8090	7857	-838	19734	0	19734	2402	22136	50.01
13	6716	252	266	7234	496	3710	0	970	7902	7886	-815	19481	0	19481	2372	21853	50.00
14	6665	198	265	7128	406	3565	0	945	7957	7920	-917	19047	0	19047	2244	21291	50.01
15	6738	352	255	7344	382	3493	0	783	8048	8000	-1007	18996	0	18996	2238	21234	49.96
16	6722	152	274	7148	415	3613	0	576	7949	7911	-719	18943	0	18943	2251	21194	49.99
17	6679	206	266	7152	467	3762	0	266	7158	7068	-627	18088	0	18088	2242	20330	49.98
18	6698	462	266	7426	545	3876	0	33	6184	6324	-624	17579	0	17579	2234	19813	50.04
19	6626	830	268	7724	612	3863	0	0	5603	5570	-753	17017	0	17017	2337	19354	50.01
20	6467	340	278	7084	784	3641	0	0	5689	5251	-709	16051	0	16051	2322	18373	50.03
21	5967	132	290	6390	948	3314	0	0	5619	4929	-616	14965	0	14965	2177	17142	50.06
22	5723	128	259	6110	1092	3330	0	0	5196	5014	-523	15022	0	15022	2045	17067	50.02
23	5496	132	260	5888	1139	3305	0	0	5153	4959	-782	14510	0	14510	1885	16395	50.01
24	5151	138	260	5548	1140	3316	0	0	5111	5069	-774	14300	0	14300	1762	16062	50.03
MUs	149.60	8.28	6.62	164.50	18.49	84.39	0.00	6.47	152.16	150.12	-16.82	407.16	0.00	407.16	47.81	454.97	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 19/Dec/2020

Position as on 6.30 Hrs of 20/Dec/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyana STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Chandrapur Unit-8	500	20/12/2020	00.00		Continued.	Annual Overhaul	
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	
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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
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	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	
IPP	Adani U-5	660	16/12/2020	03.50		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Chandrapur Unit 6	500	16/12/2020	17.50	19/12/2020	19.59	Essential Maintenance work.	
MSPGCL	Uran Unit 5	108	20/12/2020	00.13		Continued.	Filter Replacement	
MSPGCL	Koradi Unit 7	210	20/12/2020	11.27		Continued.	Furnace Draft	
MSPGCL	Parli Unit 8	250	20/12/2020	17.24		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 20/Dec/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/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	20/12/2020	09.57		Continued.	PO	Routine Maintenance 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
Chandrapur Bhadravati II	InterState	18/12/2020	11.03	19/12/2020	08.05	T	Isolater work at Chandrapur end by PGCL authority.
Dhule Sar'Sarovar I	InterState	18/12/2020	18.08	19/12/2020	10.43	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/12/2020	20.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	18/12/2020	17.53	19/12/2020	06.45	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	18/12/2020	22.13	19/12/2020	09.44	HT	Over Voltage
Koradi-Bhusawal	IntraState	19/12/2020	04.35	19/12/2020	06.23	T	Distance Protection
Padghe - Kalwa- I	IntraState	19/12/2020	04.45	19/12/2020	09.15	HT	R-phase & B-phase CVT Replacement work.
N.Koyna-Karad -Ckt I	IntraState	19/12/2020	08.14	19/12/2020	17.21	PO	Replacement of Faulty Insulator string
Warora-Adani(Tiroda)1	IntraState	19/12/2020	10.08	19/12/2020	19.31	PO	Annual Maintenance Work
Koradi-Bhusawal	IntraState	19/12/2020	13.21	19/12/2020	17.15	PO	Replacement of Flashover B Phase String
Khadka-Aurangabad (Waluj)	IntraState	19/12/2020	17.39	20/12/2020	07.15	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	19/12/2020	21.54	20/12/2020	09.38	HT	Over Voltage
Padghe - Kalwa-II	IntraState	20/12/2020	08.59	20/12/2020	20.32	PO	CVT Testing work for ratio Error Analysis
Koradi-Khaperkheda II	IntraState	20/12/2020	11.25	20/12/2020	21.09	PO	Tbc shifting of 400kv koradi-khaperkheda-II
Koradi-Bhusawal	IntraState	20/12/2020	22.04	20/12/2020	23.49	T	Distance Protection
Padghe - Nagothane - I	IntraState	20/12/2020	23.42		Continued.	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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	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 2 @Koradi	IntraState	19/12/2020	10.29	19/12/2020	18.37	EO	Heavy Oil Leakage
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	20/12/2020	06.01	20/12/2020	11.55	HT	Low oil Level Alarm
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	20/12/2020	06.44	20/12/2020	09.50	T	Buccholz Protection Optd
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)
Boisar(MS) - Boisar (PG) - I	InterState	20/12/2020	21.55		Continued.	EO	Attending Hot Spot
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Koradi-Butibori Rly Tss	IntraState	18/12/2020	09.04		Continued.	PO	For loop in loop out work at LOC. no.38 & Loc no.55.

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/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 20/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori-Abhijeet	IntraState	18/12/2020	09.10		Continued.	PO	For loop in loop out work at Loc no.38 & Loc no.55.
Mumewadi -Halkarni ckt-II	IntraState	19/12/2020	09.00	19/12/2020	17.17	PO	Insulator Cleaning work
Wardha-Dhamangaon	IntraState	19/12/2020	09.07	19/12/2020	16.23	PO	Tan Delta Measurment of CTs
Apta - Taloja	IntraState	19/12/2020	09.14	19/12/2020	18.08	PO	Providing additional Jumper at Cutpoint
Babhaleshwar - Degaon Rangari	IntraState	19/12/2020	11.23	19/12/2020	18.00	PO	providing and fixing of missing vibration dampers
Pedhambe - Oni	IntraState	19/12/2020	13.07	19/12/2020	18.31	T	Distance Protection
Trombay-Chembur Line 1	IntraState	20/12/2020	09.29	20/12/2020	09.58	PO	Removal of Bus-1 side Disconnecter switch of Bay
Talegaon (Ambi)-General Motors	IntraState	20/12/2020	10.35	20/12/2020	13.15	PO	Replacement work
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil filtration Work.(upto 18.12.2020)
220/33kV 125 MVA Transformer 3 @Chembur R/S	IntraState	19/12/2020	10.32	20/12/2020	11.34	PO	Removal of Bus-1 side Disconnecter switch of Bay
220/33kV 125 MVA Transformer 1 @Chembur R/S	IntraState	19/12/2020	12.04	20/12/2020	10.18	PO	Removal of Bus-1 side Disconnecter switch of Bay
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	20/12/2020	08.05	20/12/2020	17.20	PO	Replacement work

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