

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Dec/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.694	2550.797	1) Gujrat	0.021	37.639
2) Hydro	8.958	149.432	2) Madhya Pradesh	5.792	135.281
3) Gas	6.664	119.884	3) Chattisgarh	5.710	112.980
Total MSPGCL	168.316	2820.113	4) Maharashtra	144.381	2445.466
B) 1) APML	31.261	1083.015	5) Goa (Amona)	-1.051	-25.650
2) JSWEL	19.096	326.099	Total	154.853	2705.716
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.259	307.062
4) RPL(AMT)	9.732	50.252	b) Mumbai Drawl	18.592	377.431
5) WPCL	7.842	129.218	c) MSEDCL Bilateral *	45.253	622.642
6) Other IPP	17.406	309.995	Include PX	14.326	137.430
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.259	306.085
C) 1) TPCL Thermal	13.510	239.393	Include PX	9.841	184.711
2) TPCL Hydro	3.706	57.927	Standby	0.000	0.978
3) TPCL Gas	3.913	63.357	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.608	162.959	1) MSEDCL	405.353	7354.638
D) STATE			2) Mumbai Discoms	49.329	901.067
1) Thermal	261.149	4851.728	TOTAL STATE	454.682	8255.705
(A1+C1+C4+(B1-B6))					
2) Hydro	12.664	207.359			
(A2+C2)					
3) Gas	10.577	183.241			
(A3+B7+C3)					
4) Wind	9.602	198.869			
6) SOLAR	5.837	108.792			
TOTAL STATE	299.829	5549.989			

* 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 24 Hrs
MSPGCL Thermal	6579	6478	6680	6263
MSPGCL Hydro	796	580	782	102
MSPGCL Gas	268	265	278	270
MSPGCL Total Generation	7644	7322	7740	6636
Central Sector Receipt	7916	7903	5627	4703
WIND	347	90	225	490
CPP / IPP Thermal	3799	3736	3837	3198
CPP / IPP Gas	0	0	0	0
SOLAR	716	886	0	0
Exchange with Mumbai	-888	-881	-805	-863
MSEDCL DEMAND MET	19534	19056	16624	14164
Load Shedding	0	0	0	0
MSEDCL DEMAND	19534	19056	16624	14164
TPCL GENERATION	1095	1168	1124	667
AEML GENERATION	496	498	498	280
MUMBAI DEMAND	2479	2547	2427	1810
STATE DEMAND MET	22012	21604	19052	15974
STATE DEMAND	22012	21604	19052	15974
Frequency (Hz)	50.01	49.94	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 21.40 Hrs	49.74 Hz at 11.47 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 18/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.30	31.83	190	115
Unit 7	2.93	18.08	139	100
Unit 8	11.91	225.65	531	392
Unit 9	11.45	161.57	510	375
Unit 10	0.00	0.00	0	0
Total	29.58	437.14		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.56	193.46	500	290
Unit 5	10.94	192.28	495	290
Total	22.50	385.74		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	90.56	250	176
Unit 7	5.23	90.67	249	169
Unit 8	5.30	95.56	250	166
Total	15.87	276.79		
Chandrapur				
Unit 3	3.89	56.15	172	122
Unit 4	3.64	64.78	156	139
Unit 5	9.33	163.30	430	275
Unit 6	0.00	137.18	0	0
Unit 7	9.85	85.14	455	290
Unit 8	10.70	197.37	470	424
Unit 9	11.48	172.57	495	456
Total	48.89	876.50		
Paras				
Unit 3	5.26	77.45	252	125
Unit 4	5.64	85.84	252	184
Total	10.90	163.29		
Khaparkheda				
Unit 1	3.66	60.37	165	140
Unit 2	4.08	66.41	185	140
Unit 3	0.00	0.00	0	0
Unit 4	4.24	74.00	190	140
Unit 5	9.60	156.12	405	367
Total	21.57	356.90		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.38	46.74	195	124
Unit 5	0.00	0.00	0	0
Total	3.38	54.44		
Uran				
All Units	6.66	119.88	292	255
Total	6.66	119.88		
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)	0.18	1.40	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	1.40		
Koyna				
Stage 1-2	2.94	55.58	480	40
Stage 4	2.10	36.91	471	0
Stage 3	0.78	19.99	160	0
Total	5.82	112.48		
Hydro				
KDPH	0.44	4.16	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.	0.27	3.39	40	0
RNGR+BHTSA	0.27	6.26	15	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	7.20	20	19
GHATGHAR	1.69	15.72	250	0
Total	3.14	36.95		
Wind				
Total	9.60	198.87	0	0
Total	9.60	198.87		
CPP				
APML(Mus)	31.26	1083.02	0	0
JSWEL(Mus)	19.10	326.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.73	50.25	0	0
WPCL(Mus)	7.84	129.22	0	0
Other(Mus)	17.41	310.00	0	0
Total	85.34	1898.58		
SOLAR				
Total	5.84	108.79	0	0
Total	5.84	108.79		
Tata				
Trombay 5	8.96	158.07	462	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	39.04	117	94
Trombay 7B	1.49	24.32	67	60
Trombay 8	4.55	81.33	231	137
TATA Hydro	3.71	57.93	323	0
Total	21.13	360.68		
AEML				
DTPS U-1&2	9.61	162.96	498	280
Total	9.61	162.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.69	2550.80	MSPGCL Total	168.32	2820.11
			MSPGCL Thml+Gas	159.36	2670.68	Koyna 1,2 & 4 Total	5.03	92.49
			MSPGCL Hydro	8.96	149.43	State Total	299.83	5549.99

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6224	94	290	6608	579	3177	0	0	5576	5440	-769	15034	0	15034	1685	16720	50.03
2	5897	104	281	6282	688	3240	0	0	5552	5360	-704	14866	0	14866	1576	16442	50.02
3	5426	104	281	5810	644	3319	0	0	5568	5458	-644	14588	0	14588	1500	16088	49.93
4	5189	108	291	5588	783	3319	0	0	5534	5546	-609	14628	0	14628	1465	16092	50.00
5	5902	104	281	6286	733	3332	0	0	5678	5501	-608	15244	0	15244	1463	16708	50.01
6	6205	104	292	6600	669	3328	0	0	6374	6288	-688	16198	0	16198	1542	17740	49.98
7	6563	98	291	6952	703	3445	0	3	7210	6866	-702	17268	0	17268	1612	18880	50.04
8	6698	488	282	7468	565	3588	0	103	7392	7352	-543	18532	0	18532	1794	20326	50.02
9	6566	930	281	7778	465	3807	0	323	7522	7496	-630	19238	0	19238	2044	21282	49.97
10	6489	920	289	7698	380	3710	0	557	7886	7687	-781	19250	0	19250	2307	21558	50.00
11	6579	796	268	7644	347	3799	0	716	8019	7916	-888	19534	0	19534	2479	22012	50.01
12	6577	686	265	7528	209	3752	0	856	8199	7846	-903	19288	0	19288	2538	21826	49.88
13	6478	580	265	7322	90	3736	0	886	8098	7903	-881	19056	0	19056	2547	21604	49.94
14	6511	432	255	7198	76	3727	0	849	7950	7690	-806	18734	0	18734	2405	21140	50.04
15	6510	402	266	7178	61	3699	0	812	7852	8137	-796	19092	0	19092	2399	21490	50.04
16	6552	462	265	7280	67	3807	0	486	7612	7751	-793	18598	0	18598	2406	21004	50.01
17	6638	450	277	7364	69	3854	0	213	7220	7017	-744	17774	0	17774	2392	20166	49.95
18	6632	452	267	7352	139	3862	0	33	6320	6413	-689	17110	0	17110	2360	19470	49.97
19	6680	782	278	7740	225	3837	0	0	5546	5627	-805	16624	0	16624	2427	19052	49.97
20	6644	456	279	7380	309	3823	0	0	5530	5178	-769	15920	0	15920	2366	18286	49.96
21	6532	108	269	6908	419	3501	0	0	5473	5390	-980	15238	0	15238	2223	17462	50.00
22	6504	98	290	6892	444	3281	0	0	5341	5311	-1027	14900	0	14900	2067	16968	50.09
23	6435	98	291	6824	448	3196	0	0	5239	4977	-970	14474	0	14474	1922	16396	50.01
24	6263	102	270	6636	490	3198	0	0	5172	4703	-863	14164	0	14164	1810	15974	50.03
MUs	152.69	8.96	6.66	168.32	9.60	85.34	0.00	5.84	157.86	154.85	-18.59	405.35	0.00	405.35	49.33	454.68	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 18/Dec/2020

Position as on 6.30 Hrs of 19/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	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30	18/12/2020	01.13	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	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		Continued.	Essential Maintenance work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 19/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							
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	18/12/2020	09.55	18/12/2020	17.52	PO	Maintenance of ICT.
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	17/12/2020	19.48	18/12/2020	05.56	HT	Over Voltage
Chandrapur Bhadravati II	InterState	18/12/2020	11.03		Continued.	T	Isolater work at Chandrapur end by PGCL authority.
Alkud-Solapur(PG)	InterState	18/12/2020	16.44	18/12/2020	21.18	PO	AMR meter commissioning, quarterly maint and testing work.
Dhule Sar'Sarovar I	InterState	18/12/2020	18.08		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	17/12/2020	18.55	18/12/2020	06.14	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	17/12/2020	20.40	18/12/2020	08.26	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	18/12/2020	08.13	18/12/2020	18.32	PO	Replacement of faulty strings.
Warora-Tirora-Ii	IntraState	18/12/2020	08.16	18/12/2020	12.43	PO	AR to be kept in non auto mode while carrying out additional earthing in ckt-2.
Padghe - Nagothane - II	IntraState	18/12/2020	09.57	18/12/2020	19.05	PO	For string replacement work at Loc.No 27
Khadka-Aurangabad (Waluj)	IntraState	18/12/2020	17.53		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	18/12/2020	22.13		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	19/12/2020	04.35		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	19/12/2020	04.45		Continued.	HT	R-phase & B-phase CVT replacement work.
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 315MVA ICT-III @ KHADKA	IntraState	17/12/2020	11.50		Continued.	PO	For the Overhauling own Circuit breaker & Bus -1 & 2 P.G Isolator.(Shifted On TBC)
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	18/12/2020	10.26	18/12/2020	18.07	PO	To attend heavy oil leakage from all HV bushings, neutral bushing, radiator. and various valves.
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)
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.
Uran - Ongc Uran	IntraState	16/12/2020	14.44		Continued.	T	Distance Protection
Gangapur-Valve	IntraState	18/12/2020	07.52	18/12/2020	08.54	T	Distance Protection
Apta - Taloja	IntraState	18/12/2020	09.01	18/12/2020	18.06	PO	Providing of additional jumper at cut point locations No. 584,584A, 588,591,597,603,604,609,610,611,612,613 & 620.

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 18/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 19/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Mumewadi -Halkarni ckt-I	IntraState	18/12/2020	09.05	18/12/2020	15.32	PO	for Insulator Cleaning work.
Butibori-Abhijeet	IntraState	18/12/2020	09.10		Continued.	PO	For loop in loop out work at Loc no.38 & Loc no.55.
Ongc Uran - Jnpt	IntraState	18/12/2020	10.00	18/12/2020	16.44	PO	AMR Meter commissioning work.
Boisar II - Tarapur	IntraState	18/12/2020	10.14	18/12/2020	18.35	PO	Post Monsoon Maintenance work.
Talandage - Sawantwadi I	IntraState	18/12/2020	10.53	18/12/2020	14.03	PO	For C & Tan delta testing of Line CTs & quarterly bay maintenance work.
Jambhul - Anandnagar	IntraState	18/12/2020	11.15	18/12/2020	19.15	PO	Diagnostics Testing, Isolator Maintenance, other R&M Work.
Sawantwadi-Bidri	IntraState	18/12/2020	14.40	18/12/2020	17.25	PO	For C & Tan delta testing of Line CTs & quarterly bay maintenance work.
Shivajinagar-Gangapur	IntraState	18/12/2020	15.14	18/12/2020	20.00	PO	For replacement of jumper with jump cone At loc no.244,251,252 & 259.
Jejuri (400 Kv)-Jejuri ckt-II	IntraState	18/12/2020	16.50	18/12/2020	21.25	PO	Y-PH CC REPLACEMENT WORK.
Ongc Uran - Jnpt	IntraState	18/12/2020	16.55	18/12/2020	17.50	PO	AMR Meter commissioning work.
Abhijeet-Wardha-I	IntraState	18/12/2020	19.30	18/12/2020	21.12	HT	For phasing out of 220KV koradi Abhijeet ckt.
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)
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	18/12/2020	09.05	18/12/2020	12.38	PO	OLTC Overhauling work.
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	18/12/2020	09.50	18/12/2020	19.10	PO	1)R M Work on 220kV Bus Isolators 2)Hotspot Attending works on 220kV Bus Section Bay Tan Delta & IR Measurement work in r/o 220kV PT No.2.
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	18/12/2020	11.24	18/12/2020	16.24	PO	Testing of healthiness of NIFPS & protection system.
220/33kV 125 MVA Transformer 2 @Chembur R/S	IntraState	18/12/2020	15.03	18/12/2020	17.00	EO	attending low oil level observation of HV cable chamber conservator tank.

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