

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Dec/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.531	2398.103	1) Gujrat	1.630	37.618
2) Hydro	15.410	140.474	2) Madhya Pradesh	6.892	129.489
3) Gas	6.701	113.220	3) Chattisgarh	5.600	107.270
Total MSPGCL	171.642	2651.797	4) Maharashtra	145.312	2301.085
B) 1) APML	31.257	1051.754	5) Goa (Amona)	-1.085	-24.599
2) JSWEL	19.249	307.003	Total	158.349	2550.863
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.391	288.803
4) RPL(AMT)	5.247	40.520	b) Mumbai Drawl	17.510	358.839
5) WPCL	7.843	121.376	c) MSEDCL Bilateral *	43.475	577.389
6) Other IPP	17.840	292.589	Include PX	14.493	123.103
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.391	287.825
C) 1) TPCL Thermal	13.719	225.883	Include PX	9.846	174.870
2) TPCL Hydro	3.952	54.221	Standby	0.000	0.978
3) TPCL Gas	4.126	59.444	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.804	153.351	1) MSEDCL	407.912	6949.285
D) STATE			2) Mumbai Discoms	49.112	851.738
1) Thermal	254.490	4590.579	TOTAL STATE	457.024	7801.023
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	19.362	194.695			
3) Gas (A3+B7+C3)	10.827	172.664			
4) Wind	8.502	189.267			
6) SOLAR	5.493	102.955			
TOTAL STATE	298.674	5250.160			

* 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	6259	6199	6640	5385
MSPGCL Hydro	1936	800	964	92
MSPGCL Gas	278	266	279	291
MSPGCL Total Generation	8472	7264	7882	5768
Central Sector Receipt	8154	8085	5775	5660
WIND	215	228	256	549
CPP / IPP Thermal	3647	3521	3624	3156
CPP / IPP Gas	0	0	0	0
SOLAR	638	900	0	0
Exchange with Mumbai	-861	-863	-837	-607
MSEDCL DEMAND MET	20265	19135	16700	14527
Load Shedding	0	0	0	0
MSEDCL DEMAND	20265	19135	16700	14527
TPCL GENERATION	1111	1132	1076	600
AEML GENERATION	500	500	498	283
MUMBAI DEMAND	2472	2495	2411	1490
STATE DEMAND MET	22737	21630	19112	16017
STATE DEMAND	22737	21630	19112	16017
Frequency (Hz)	50.01	49.98	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 14.02 Hrs	49.79 Hz at 16.43 Hrs	49.99	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 17/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.46	28.54	185	100
Unit 7	3.02	15.15	153	100
Unit 8	12.54	213.74	542	495
Unit 9	11.46	150.12	496	444
Unit 10	0.00	0.00	0	0
Total	30.48	407.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.62	181.90	500	295
Unit 5	10.75	181.33	500	305
Total	22.38	363.23		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	85.22	250	172
Unit 7	5.15	85.44	255	169
Unit 8	5.14	90.25	245	166
Total	15.57	260.92		
Chandrapur				
Unit 3	3.82	52.26	173	120
Unit 4	3.65	61.14	157	138
Unit 5	9.51	153.97	430	275
Unit 6	0.00	137.18	0	0
Unit 7	6.08	75.29	428	0
Unit 8	11.26	186.67	490	440
Unit 9	11.77	161.09	499	477
Total	46.09	827.60		
Paras				
Unit 3	5.34	72.19	240	180
Unit 4	5.67	80.21	250	174
Total	11.01	152.40		
Khaparkheda				
Unit 1	3.52	56.71	165	125
Unit 2	3.77	62.33	180	140
Unit 3	0.00	0.00	0	0
Unit 4	4.18	69.76	200	140
Unit 5	9.12	146.53	410	340
Total	20.59	335.33		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.42	43.36	196	120
Unit 5	0.00	0.00	0	0
Total	3.42	51.07		
Uran				
All Units	6.70	113.22	292	265
Total	6.70	113.22		
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)	0.10	1.21	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.21		
Koyna				
Stage 1-2	4.36	52.65	550	40
Stage 4	5.60	34.81	755	0
Stage 3	2.57	19.21	318	0
Total	12.52	106.67		
Hydro				
KDPH	0.44	3.71	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.	0.23	3.12	40	0
RNGR+BHTSA	0.36	5.99	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	6.73	20	19
GHATGHAR	1.39	14.03	250	0
Total	2.89	33.81		
Wind				
Total	8.50	189.27	0	0
Total	8.50	189.27		
CPP				
APML(Mus)	31.26	1051.75	0	0
JSWEL(Mus)	19.25	307.00	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.25	40.52	0	0
WPCL(Mus)	7.84	121.38	0	0
Other(Mus)	17.84	292.59	0	0
Total	81.44	1813.24		
SOLAR				
Total	5.49	102.96	0	0
Total	5.49	102.96		
Tata				
Trombay 5	9.13	149.10	462	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	36.62	120	80
Trombay 7B	1.54	22.83	68	56
Trombay 8	4.59	76.78	231	136
TATA Hydro	3.95	54.22	339	0
Total	21.80	339.55		
AEML				
DTPS U-1&2	9.80	153.35	502	282
Total	9.80	153.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.53	2398.10	MSPGCL Total	171.64	2651.80
			MSPGCL Thml+Gas	156.23	2511.32	Koyna 1,2 & 4 Total	9.95	87.46
			MSPGCL Hydro	15.41	140.47	State Total	298.67	5250.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5938	98	291	6326	516	3184	0	0	5468	5235	-730	14531	0	14531	1670	16201	50.00
2	5777	98	281	6156	482	3178	0	0	5578	5365	-652	14528	0	14528	1556	16084	49.99
3	5385	92	291	5768	549	3156	0	0	5630	5660	-607	14527	0	14527	1490	16017	50.01
4	5599	122	291	6012	586	3121	0	0	5626	5467	-562	14624	0	14624	1446	16070	50.00
5	6298	98	281	6676	638	3197	0	0	5575	5534	-563	15483	0	15483	1449	16932	49.97
6	6350	98	292	6740	581	3170	0	0	6420	6419	-631	16279	0	16279	1518	17797	49.93
7	6587	410	291	7288	625	3333	0	2	6792	6577	-515	17310	0	17310	1623	18932	50.01
8	6621	788	281	7690	500	3590	0	61	7127	7280	-445	18675	0	18675	1800	20475	49.99
9	6610	1412	291	8314	373	3554	0	263	7222	7288	-623	19169	0	19169	2056	21225	49.92
10	6245	1930	280	8454	269	3578	0	422	7359	7612	-705	19630	0	19630	2297	21927	49.97
11	6259	1936	278	8472	215	3647	0	638	7860	8154	-861	20265	0	20265	2472	22737	50.01
12	6203	1074	267	7544	287	3505	0	829	8646	8493	-903	19756	0	19756	2526	22282	50.06
13	6199	800	266	7264	228	3521	0	900	8113	8085	-863	19135	0	19135	2495	21630	49.98
14	6126	406	266	6798	152	3477	0	884	8164	8359	-772	18898	0	18898	2391	21288	49.98
15	6120	662	265	7048	127	3457	0	734	8117	8117	-769	18713	0	18713	2406	21119	50.01
16	6078	1024	266	7368	131	3500	0	506	7992	7888	-751	18641	0	18641	2391	21032	49.95
17	6286	1104	266	7656	95	3578	0	222	7489	7181	-705	18026	0	18026	2370	20396	49.92
18	6371	1184	278	7834	141	3594	0	32	6557	6324	-721	17204	0	17204	2358	19562	49.98
19	6640	964	279	7882	256	3624	0	0	5969	5775	-837	16700	0	16700	2411	19112	50.00
20	6650	648	279	7576	330	3563	0	0	5878	5622	-739	16352	0	16352	2343	18696	49.93
21	6410	150	269	6830	400	3360	0	0	5653	5697	-901	15385	0	15385	2225	17610	49.99
22	6305	108	291	6704	350	3216	0	0	5630	5514	-935	14850	0	14850	2076	16926	50.04
23	6260	98	280	6638	343	3163	0	0	5524	5398	-894	14648	0	14648	1934	16582	50.02
24	6214	108	281	6604	328	3172	0	0	5561	5305	-826	14583	0	14583	1808	16391	50.02
MUs	149.53	15.41	6.70	171.64	8.50	81.44	0.00	5.49	159.95	158.35	-17.51	407.91	0.00	407.91	49.11	457.02	49.99

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 17/Dec/2020

Position as on 6.30 Hrs of 18/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 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	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30	18/12/2020	01.13	Zero Schedule By MSEDCL	
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		Continued.	Essentail Maintenance work.	
MSPGCL	Chandrapur Unit 7	500	17/12/2020	08.55	17/12/2020	15.45	Generator Protection operated	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 18/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-I @ Aurangabad (Ektuni)	IntraState	17/12/2020	10.48	17/12/2020	19.28	PO	Diagnostic Testing & Routine Maintenance.
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	16/12/2020	18.05	17/12/2020	12.06	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/12/2020	19.48	18/12/2020	05.56	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).
Bhusawal-Aurangabad	IntraState	16/12/2020	17.50	17/12/2020	07.23	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	16/12/2020	18.35	17/12/2020	07.38	HT	Over Voltage
Khadka - Bableshwar	IntraState	17/12/2020	00.38	17/12/2020	03.35	T	Distance Protection
Girwali - Lonikand 1	IntraState	17/12/2020	10.38	17/12/2020	20.15	PO	Half yearly maintenance work & Diagnostic Testing Work.
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		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 Kv 500 MVA ICT II @Lamboti	IntraState	16/12/2020	09.48	17/12/2020	17.05	PO	For Replacement Of IV Bushing Of B-Phase Unit.
Ict Spare Single Unit 167 Mva Ict @Jejuri	IntraState	17/12/2020	10.18	17/12/2020	16.34	PO	Annual Maintenance Work
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)
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
Mumewadi -Halkarni ckt-I	IntraState	17/12/2020	09.13	17/12/2020	17.15	PO	For Insulator Cleaning Work.
Uran - Kharghar 2	IntraState	17/12/2020	10.12	17/12/2020	16.47	PO	Replacement Work Of BUS-II Isolator Stag Work.
Nandedcity-Parvati	IntraState	17/12/2020	10.20	17/12/2020	13.31	PO	Replacement Of R-Phase LA.
Mudshingi-Wathar	IntraState	17/12/2020	11.40	17/12/2020	17.34	HT	ICT Load Management at 400kV Kolhapur.
UTECH SUGAR BABHALESHWAR	IntraState	17/12/2020	12.08	17/12/2020	16.46	PO	CT C&Tan D, LBB Relay Testing.
Nanded-Ghatodi	IntraState	17/12/2020	12.09	17/12/2020	20.28	T	Distance Protection
Shivajinagar-Gangapur	IntraState	17/12/2020	14.50	17/12/2020	19.38	PO	For Replacement Of Jumpers With Jump Cone At Location No.238,239,242,243.
220 KV ICT Outages/Trippings							

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 17/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 18/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	17/12/2020	06.20	17/12/2020	08.12	T	Main Buchholz Trip (suspected due to Oil Cooling Pump operation)
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	17/12/2020	09.52	17/12/2020	21.53	PO	OLTC Overhauling Work.
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	17/12/2020	11.12	17/12/2020	12.55	PO	For Operational Test, Inspection & Demonstration Of Self Propelled Articulated Boom Lift.
220/132kV 100MVA ICT-2 @ Baramati	IntraState	17/12/2020	11.30	17/12/2020	16.09	PO	Testing Healthiness Of NIFPS & Protection System.
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil filtration Work.(upto 18.12.2020)
220/132 KV 100MVA ICT-I @ Bhokar	IntraState	17/12/2020	12.09	17/12/2020	18.04	PO	Tan delta Of ICT & CT,CRM & Timings Of CB.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	17/12/2020	16.03	17/12/2020	17.45	EO	Attending Hot Spot

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