

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Dec/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.403	3498.560	1) Gujrat	1.250	39.578
2) Hydro	16.197	236.553	2) Madhya Pradesh	6.725	171.127
3) Gas	2.911	160.126	3) Chattisgarh	5.040	153.400
Total MSPGCL	145.511	3895.239	4) Maharashtra	157.858	3462.720
B) 1) APML	15.738	1269.043	5) Goa (Amona)	-0.784	-33.727
2) JSWEL	18.154	454.667	Total	170.089	3793.098
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.443	424.659
4) RPL(AMT)	25.529	171.877	b) Mumbai Drawl	15.808	486.402
5) WPCL	8.375	184.466	c) MSEDCL Bilateral *	44.644	895.833
6) Other IPP	18.386	436.361	Include PX	19.194	217.495
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.443	423.681
C) 1) TPCL Thermal	13.580	334.514	Include PX	7.347	241.162
2) TPCL Hydro	1.946	78.090	Standby	0.000	0.978
3) TPCL Gas	3.618	91.258	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.894	231.610	1) MSEDCL	404.777	10173.291
D) STATE			2) Mumbai Discoms	44.846	1221.874
1) Thermal	236.059	6581.098	TOTAL STATE	449.623	11395.165
(A1+C1+C4+(B1-B6))					
2) Hydro	18.143	314.643			
(A2+C2)					
3) Gas	6.529	251.384			
(A3+B7+C3)					
4) Wind	12.006	296.086			
6) SOLAR	6.797	158.856			
TOTAL STATE	279.534	7602.067			

* 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 2 Hrs
MSPGCL Thermal	5332	5317	5261	5101
MSPGCL Hydro	1830	1700	876	98
MSPGCL Gas	82	79	136	144
MSPGCL Total Generation	7244	7096	6272	5342
Central Sector Receipt	8682	8357	6600	5556
WIND	245	236	576	635
CPP / IPP Thermal	3902	3912	3976	3153
CPP / IPP Gas	0	0	0	0
SOLAR	945	998	7	0
Exchange with Mumbai	-665	-668	-703	-660
MSEDCL DEMAND MET	20352	19930	16728	14026
Load Shedding	0	0	0	0
MSEDCL DEMAND	20352	19930	16728	14026
TPCL GENERATION	1051	1031	1027	534
AEML GENERATION	501	498	501	284
MUMBAI DEMAND	2217	2197	2231	1478
STATE DEMAND MET	22570	22128	18960	15504
STATE DEMAND	22570	22128	18960	15504
Frequency (Hz)	49.89	50.00	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 14:02 Hrs	49.77 Hz at 09:52 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 25/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.10	55.70	150	110
Unit 7	2.62	34.57	116	90
Unit 8	11.17	303.20	489	422
Unit 9	0.41	203.88	180	0
Unit 10	3.78	17.23	355	0
Total	21.08	614.58		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.96	243.50	480	450
Unit 5	0.00	252.84	0	0
Total	10.96	496.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.49	124.52	250	165
Unit 7	5.51	127.00	249	151
Unit 8	5.38	120.94	250	165
Total	16.39	372.46		
Chandrapur				
Unit 3	3.69	81.32	165	135
Unit 4	3.47	89.54	148	138
Unit 5	9.12	226.12	456	290
Unit 6	9.94	193.97	435	305
Unit 7	0.00	135.12	0	0
Unit 8	0.00	208.25	0	0
Unit 9	11.45	249.82	497	446
Total	37.67	1184.15		
Paras				
Unit 3	5.67	114.56	250	153
Unit 4	5.53	118.68	255	160
Total	11.20	233.24		
Khaparkheda				
Unit 1	3.36	84.87	160	120
Unit 2	4.04	93.86	185	115
Unit 3	4.06	14.04	190	140
Unit 4	4.31	103.14	192	130
Unit 5	9.63	222.95	405	394
Total	25.40	518.86		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.70	71.23	197	125
Unit 5	0.00	0.00	0	0
Total	3.70	78.93		
Uran				
All Units	2.91	160.13	153	79
Total	2.91	160.13		
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)	0.52	3.80	27	20

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.52	3.80		
Koyna				
Stage 1-2	4.44	80.34	555	40
Stage 4	7.17	67.16	750	0
Stage 3	2.31	32.06	320	0
Total	13.92	179.56		
Hydro				
KDPH	0.44	7.26	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.67	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	4.74	40	0
RNGR+BHTSA	0.36	8.76	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	10.88	10	9
GHATGHAR	1.04	23.68	207	0
Total	2.28	56.99		
Wind				
Total	12.01	296.09	0	0
Total	12.01	296.09		
CPP				
APML(Mus)	15.74	1269.04	0	0
JSWEL(Mus)	18.15	454.67	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.53	171.88	0	0
WPCL(Mus)	8.38	184.47	0	0
Other(Mus)	18.39	436.36	0	0
Total	86.18	2516.41		
SOLAR				
Total	6.80	158.86	0	0
Total	6.80	158.86		
Tata				
Trombay 5	9.06	221.36	462	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	56.43	117	58
Trombay 7B	1.41	34.83	68	45
Trombay 8	4.52	113.16	229	136
TATA Hydro	1.95	78.09	183	0
Total	19.14	503.86		
AEML				
DTPS U-1&2	9.89	231.61	501	283
Total	9.89	231.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.40	3498.56	MSPGCL Total	145.51	3895.24
			MSPGCL Thml+Gas	129.31	3658.69	Koyna 1,2 & 4 Total	11.61	147.50
			MSPGCL Hydro	16.20	236.55	State Total	279.53	7602.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5122	98	153	5372	552	3138	0	0	5740	5775	-756	14082	0	14082	1583	15664	50.00
2	5101	98	144	5342	635	3153	0	0	5803	5556	-660	14026	0	14026	1478	15504	49.98
3	4886	92	134	5112	743	3121	0	0	5927	5910	-609	14278	0	14278	1416	15694	50.03
4	4680	82	145	4908	709	3114	0	0	5931	6011	-562	14180	0	14180	1375	15554	50.02
5	5310	178	135	5622	699	3146	0	0	6094	6147	-570	15044	0	15044	1378	16422	50.00
6	5434	98	144	5676	646	3194	0	0	6841	6762	-595	15684	0	15684	1462	17146	49.98
7	5466	170	135	5772	765	3302	0	14	7791	7481	-439	16894	0	16894	1540	18434	50.05
8	5478	1010	145	6634	794	3816	0	70	7813	8064	-371	19006	0	19006	1641	20648	50.02
9	5447	1444	134	7024	575	4000	0	349	7720	7793	-486	19256	0	19256	1802	21058	50.02
10	5511	1482	143	7136	331	4021	0	639	8107	7965	-585	19508	0	19508	1993	21500	49.94
11	5479	1738	121	7338	266	3974	0	839	8301	8602	-666	20354	0	20354	2150	22504	49.91
12	5332	1830	82	7244	245	3902	0	945	8563	8682	-665	20352	0	20352	2217	22570	49.89
13	5317	1700	79	7096	236	3912	0	998	8536	8357	-668	19930	0	19930	2197	22128	50.00
14	5265	930	80	6274	183	3830	0	957	8751	8645	-580	19310	0	19310	2087	21396	50.04
15	5282	788	80	6150	163	3839	0	875	8520	8523	-577	18974	0	18974	2059	21032	50.03
16	5240	858	80	6178	181	3864	0	665	8424	8453	-571	18770	0	18770	2065	20836	49.98
17	5254	946	79	6280	231	3869	0	366	7993	7721	-553	17914	0	17914	2071	19984	49.97
18	5227	814	82	6122	355	3887	0	73	7095	6848	-562	16724	0	16724	2099	18822	50.01
19	5261	876	136	6272	576	3976	0	7	6355	6600	-703	16728	0	16728	2231	18960	50.01
20	5282	480	131	5894	707	3881	0	0	6271	6021	-735	15768	0	15768	2248	18016	50.03
21	5259	102	132	5492	692	3517	0	0	6264	6281	-1004	14978	0	14978	2122	17100	50.02
22	5297	88	141	5526	570	3340	0	0	5925	6262	-1052	14646	0	14646	2008	16654	50.01
23	5405	160	133	5698	575	3263	0	0	6009	5761	-974	14322	0	14322	1871	16194	50.02
24	5068	134	143	5346	577	3123	0	0	5921	5869	-865	14050	0	14050	1753	15802	50.02
MUs	126.40	16.20	2.91	145.51	12.01	86.18	0.00	6.80	170.69	170.09	-15.81	404.78	0.00	404.78	44.85	449.62	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 25/Dec/2020

Position as on 6.30 Hrs of 26/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	Koyna 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 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	
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)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
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	Koradi Unit 9	660	22/12/2020	22.38	25/12/2020	21.08	Boiler Tube Leakage	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Chandrapur Unit 7	500	24/12/2020	06.25		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
MSPGCL	Uran Unit 6	108	25/12/2020	00.16		Continued.	Filter replacement.	
MSPGCL	Koradi Unit 10	660	25/12/2020	10.56		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	25/12/2020	17.58		Continued.	AMR Installation Work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 26/Dec/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 II	InterState	24/12/2020	19.01	25/12/2020	07.37	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/12/2020	18.07	26/12/2020	06.26	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	24/12/2020	18.08	25/12/2020	06.47	HT	Over Voltage
Padghe - Nagothane - II	IntraState	25/12/2020	11.31	26/12/2020	06.40	PO	For String Replacement Work At Loc No. 307.
Girwali- Lonikand 2	IntraState	25/12/2020	11.54	25/12/2020	15.55	PO	Hardware Tightening & Fitting Work.
Khadka-Aurangabad (Waluj)	IntraState	25/12/2020	17.55	26/12/2020	06.49	HT	Over Voltage
Padghe - Kalwa- I	IntraState	26/12/2020	05.36		Continued.	EO	To Attend Frequent Tripping Of Metering MCB Of R-Phase CVT.
Akola-Nandgaonpeth (RPL)	IntraState	26/12/2020	06.16		Continued.	EO	Attending Hot Spot
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
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/12/2020	00.06		Continued.	PO	Oil Filtration work.
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.
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
New Koyna - Niwali	IntraState	25/12/2020	08.56	25/12/2020	18.20	PO	Cold & Chemical Washing,Tree Cutting Work At Loc No. 1-3,6-195,1-53.
ALKUD - MENDHEGIRI CKT - 1	IntraState	25/12/2020	11.06	25/12/2020	22.03	PO	For Connecting Metering CT,PT,LA,CC Drops At 400/220KV Alkud S/s.
Chinchwad- Parvati	IntraState	25/12/2020	12.06	25/12/2020	20.35	PO	For CB Overhauling Work.
Ghatghar - Bapgaon	IntraState	25/12/2020	13.40	25/12/2020	16.02	T	Black Start activity.
Shivajinagar-Gangapur	IntraState	25/12/2020	15.04	25/12/2020	18.41	PO	Line Maintenance work
Kolshet-Roma	IntraState	25/12/2020	17.34		Continued.	T	Insulator string Broke At kolshet end.
Kamba - Kolshet	IntraState	25/12/2020	17.34	25/12/2020	18.11	T	B-PH To Earth.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bhel Ptr 1 @Kamba	IntraState	25/12/2020	09.45	25/12/2020	13.58	PO	Replacement Of Buchhloz relay And Bay Maintenance Work.
220/132 Kv 100 Mva T&R Ict-1 @Bambhori	IntraState	25/12/2020	09.45	25/12/2020	13.00	PO	Quarterly Maintenance Work
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	25/12/2020	10.07	25/12/2020	17.25	PO	Replacement Of Rusted "U" Bolts At 100KV Side Of Main Bus.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	25/12/2020	10.35	25/12/2020	12.23	PO	Testing Work

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 25/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 26/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT IV @Apta	IntraState	25/12/2020	13.27	25/12/2020	18.14	PO	Cabling Work Of CTR Fire Protection System Of ICT 4 Bay Agency.
220/132 Kv 100 Mva T&R Ict-2 @Bambhori	IntraState	25/12/2020	14.00	25/12/2020	16.30	PO	Tan delta measurement.
220/22 Kv 50 Mva Areva Ptr 2 @Anandnagar	IntraState	25/12/2020	14.08	25/12/2020	15.30	PO	For Inspection Oil Leakage From OLTC Conservator Tank.