

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.282	3633.842	1) Gujrat	1.325	40.903
2) Hydro	12.317	248.870	2) Madhya Pradesh	6.782	177.909
3) Gas	4.343	164.469	3) Chattisgarh	5.830	159.230
Total MSPGCL	151.942	4047.181	4) Maharashtra	163.296	3626.016
B) 1) APLM	15.702	1284.745	5) Goa (Amona)	-0.833	-34.560
2) JSWEL	18.663	473.330	Total	176.400	3969.498
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.156	440.814
4) RPL(AMT)	24.584	196.461	b) Mumbai Drawl	16.339	502.741
5) WPCL	8.118	192.584	c) MSEDCL Bilateral *	50.012	945.845
6) Other IPP	18.406	454.767	Include PX	22.491	239.986
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.156	439.837
C) 1) TPCL Thermal	13.910	348.424	Include PX	8.467	249.629
2) TPCL Hydro	3.234	81.324	Standby	0.000	0.978
3) TPCL Gas	2.751	94.009	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.280	241.890	1) MSEDCL	412.760	10586.051
D) STATE			2) Mumbai Discoms	46.513	1268.387
1) Thermal	244.945	6826.043	TOTAL STATE	459.273	11854.438
(A1+C1+C4+(B1-B6))					
2) Hydro	15.551	330.194			
(A2+C2)					
3) Gas	7.094	258.478			
(A3+B7+C3)					
4) Wind	8.369	304.455			
6) SOLAR	6.915	165.771			
TOTAL STATE	282.874	7884.941			

* 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	5924	5918	5812	4516
MSPGCL Hydro	1392	792	590	92
MSPGCL Gas	149	138	291	144
MSPGCL Total Generation	7466	6848	6694	4752
Central Sector Receipt	8921	9106	6786	6220
WIND	200	146	202	721
CPP / IPP Thermal	3967	3889	3801	3140
CPP / IPP Gas	0	0	0	0
SOLAR	997	1020	0	0
Exchange with Mumbai	-838	-814	-730	-541
MSEDCL DEMAND MET	20712	20194	16752	14292
Load Shedding	0	0	0	0
MSEDCL DEMAND	20712	20194	16752	14292
TPCL GENERATION	980	981	1062	599
AEML GENERATION	500	501	500	283
MUMBAI DEMAND	2318	2296	2292	1423
STATE DEMAND MET	23030	22490	19044	15716
STATE DEMAND	23030	22490	19044	15716
Frequency (Hz)	50.02	50.01	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.03 Hrs	49.84 Hz at 06.11 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 26/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.08	58.77	160	105
Unit 7	2.57	37.14	110	91
Unit 8	12.32	315.51	555	441
Unit 9	11.40	215.28	534	200
Unit 10	0.00	17.23	0	0
Total	29.36	643.93		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.70	254.20	475	290
Unit 5	0.00	252.84	0	0
Total	10.70	507.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	129.78	250	167
Unit 7	5.25	132.25	249	167
Unit 8	5.23	126.18	250	158
Total	15.75	388.21		
Chandrapur				
Unit 3	3.52	84.85	165	120
Unit 4	3.47	93.01	155	130
Unit 5	9.96	236.08	440	290
Unit 6	9.65	203.62	425	290
Unit 7	0.86	135.98	323	9
Unit 8	0.00	208.25	0	0
Unit 9	11.82	261.64	500	484
Total	39.28	1223.43		
Paras				
Unit 3	5.58	120.14	252	155
Unit 4	5.78	124.46	252	159
Total	11.36	244.60		
Khaparkheda				
Unit 1	3.42	88.28	160	115
Unit 2	4.04	97.90	185	115
Unit 3	4.08	18.12	195	130
Unit 4	4.29	107.43	190	130
Unit 5	9.13	232.08	400	340
Total	24.95	543.81		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.89	75.11	196	128
Unit 5	0.00	0.00	0	0
Total	3.89	82.82		
Uran				
All Units	4.34	164.47	293	131
Total	4.34	164.47		
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)	0.51	4.31	25	20

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.51	4.31		
Koyna				
Stage 1-2	4.10	84.44	540	50
Stage 4	4.02	71.18	750	0
Stage 3	1.70	33.77	240	0
Total	9.83	189.39		
Hydro				
KDPH	0.44	7.71	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.	0.14	4.88	40	0
RNGR+BHTSA	0.36	9.12	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.22	11.10	10	9
GHATGHAR	1.32	25.00	125	0
Total	2.49	59.48		
Wind				
Total	8.37	304.46	0	0
Total	8.37	304.46		
CPP				
APML(Mus)	15.70	1284.74	0	0
JSWEL(Mus)	18.66	473.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	24.58	196.46	0	0
WPCL(Mus)	8.12	192.58	0	0
Other(Mus)	18.41	454.77	0	0
Total	85.47	2601.89		
SOLAR				
Total	6.92	165.77	0	0
Total	6.92	165.77		
Tata				
Trombay 5	9.26	230.61	463	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	58.03	117	50
Trombay 7B	1.15	35.98	67	41
Trombay 8	4.65	117.81	230	138
TATA Hydro	3.23	81.32	285	0
Total	19.90	523.76		
AEML				
DTPS U-1&2	10.28	241.89	501	283
Total	10.28	241.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.28	3633.84	MSPGCL Total	151.94	4047.18
			MSPGCL Thml+Gas	139.62	3798.31	Koyna 1,2 & 4 Total	8.12	155.62
			MSPGCL Hydro	12.32	248.87	State Total	282.87	7884.94

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Dec/2020

Annexure-2

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	5078	218	133	5428	752	3158	0	0	5983	6026	-757	14608	0	14608	1640	16248	49.99
2	5093	98	143	5334	810	3185	0	0	6067	5622	-657	14294	0	14294	1539	15832	49.96
3	4766	92	133	4992	755	3156	0	0	6177	5991	-585	14308	0	14308	1468	15776	50.03
4	4516	92	144	4752	721	3140	0	0	6135	6220	-541	14292	0	14292	1423	15716	50.02
5	5310	92	134	5536	651	3125	0	0	6329	6310	-539	15084	0	15084	1422	16506	49.99
6	5509	92	143	5744	576	3122	0	0	7105	6898	-533	15808	0	15808	1493	17300	49.98
7	5658	168	135	5960	461	3278	0	14	7766	7614	-330	16998	0	16998	1585	18582	49.99
8	5832	988	145	6966	526	3865	0	128	7855	7565	-388	18662	0	18662	1686	20348	50.00
9	5847	1324	134	7304	398	4017	0	369	8066	8095	-504	19680	0	19680	1875	21554	50.00
10	5878	1312	143	7334	285	4009	0	730	8483	8380	-626	20112	0	20112	2091	22202	50.00
11	5896	1344	131	7372	216	4003	0	884	8771	8953	-788	20640	0	20640	2269	22908	50.03
12	5924	1392	149	7466	200	3967	0	997	9109	8921	-838	20712	0	20712	2318	23030	50.02
13	5918	792	138	6848	146	3889	0	1020	9010	9106	-814	20194	0	20194	2296	22490	50.01
14	5877	396	147	6420	163	3692	0	1040	9003	8972	-690	19596	0	19596	2180	21776	50.05
15	5838	316	157	6310	204	3511	0	817	9119	9255	-628	19470	0	19470	2173	21642	49.99
16	5824	378	137	6340	176	3662	0	595	9066	8999	-620	19152	0	19152	2162	21314	49.99
17	5775	434	158	6366	173	3898	0	297	8331	8149	-612	18272	0	18272	2161	20432	49.95
18	5786	724	229	6738	143	3992	0	24	7355	7271	-617	17552	0	17552	2175	19726	49.99
19	5764	504	270	6538	195	4003	0	0	6763	6618	-742	16612	0	16612	2289	18902	49.99
20	5812	590	291	6694	202	3801	0	0	6546	6786	-730	16752	0	16752	2292	19044	50.00
21	5793	174	281	6248	124	3338	0	0	6456	6532	-897	15344	0	15344	2185	17530	49.99
22	5891	554	292	6736	145	3244	0	0	5921	6037	-938	15224	0	15224	2059	17284	50.02
23	5902	146	283	6330	181	3232	0	0	6287	6019	-959	14804	0	14804	1926	16730	50.01
24	5795	98	293	6186	166	3186	0	0	6197	6061	-1006	14592	0	14592	1807	16400	50.03
MUs	135.28	12.32	4.34	151.94	8.37	85.47	0.00	6.91	177.90	176.40	-16.34	412.76	0.00	412.76	46.51	459.27	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 26/Dec/2020

Position as on 6.30 Hrs of 27/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 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	
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.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Chandrapur Unit 7	500	24/12/2020	06.25	26/12/2020	19.55	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	26/12/2020	16.24	Filter replacement.	
MSPGCL	Koradi Unit 10	660	25/12/2020	10.56		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 27/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	25/12/2020	18.07	26/12/2020	06.26	HT	Over Voltage
Wardha (Pg) Warora I	InterState	26/12/2020	09.52	26/12/2020	17.02	PO	CVT Testing
Dhule Sar'Sarovar I	InterState	26/12/2020	17.35	27/12/2020	09.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/12/2020	09.37		Continued.	PO	Maintenance Work(RFC at 17.25 Hrs)
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).
Padghe - Nagothane - II	IntraState	25/12/2020	11.31	26/12/2020	06.40	PO	For String Replacement Work At Loc No. 307.
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	26/12/2020	08.18	EO	To Attend Frequent Tripping Of Metering MCB Of R-Phase CVT.
Akola-Nandgaonpeth (RPL)	IntraState	26/12/2020	06.16	26/12/2020	20.26	EO	Attending Hot Spot
Babhaleshwar - Padghe-II	IntraState	26/12/2020	09.17	26/12/2020	18.26	PO	Tan Delta Measurment of CTs
Khadka-Aurangabad (Waluj)	IntraState	26/12/2020	22.53	27/12/2020	08.01	HT	Over Voltage
Khadka - Bableshwar	IntraState	27/12/2020	09.09	27/12/2020	18.47	PO	Cold Washing of Insulator string
Khadka-Aurangabad (Waluj)	IntraState	27/12/2020	19.10		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
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/12/2020	00.06	27/12/2020	22.38	PO	Oil Filtration work.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	26/12/2020	10.24	26/12/2020	19.15	T	Bucholz Protection Optd
400/220kv 315 Mva ICT II @Karad	IntraState	27/12/2020	13.54	27/12/2020	15.34	T	Differential protection
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
Kolshet-Roma	IntraState	25/12/2020	17.34	26/12/2020	09.01	T	Insulator string Broken at kolshet end.
New Koyna - Niwali	IntraState	26/12/2020	08.49	26/12/2020	18.01	PO	For cold & chemical washing of Insulators. tree cutting
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	26/12/2020	09.22	26/12/2020	16.04	PO	Replacement of Jumper
Uran - Apta IV	IntraState	26/12/2020	10.00	26/12/2020	15.00	PO	For Black Start activity
Chikhli-Jalna-I	IntraState	26/12/2020	10.24	26/12/2020	19.41	T	LTS operated due to ICT Tripping at Akola
Chikhli-Jalna-II	IntraState	26/12/2020	10.24	26/12/2020	19.41	T	LTS operated due to ICT Tripping at Akola
Urse - Talegaon (Ambi) Ckt 1	IntraState	26/12/2020	12.19	26/12/2020	16.43	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 26/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay-Chembur Line 1	IntraState	27/12/2020	13.33	27/12/2020	13.37	PO	Replacement work
Karad - Kadegaon	IntraState	27/12/2020	17.01	27/12/2020	20.50	EO	Replacement work
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 3 @Chembur R/S	IntraState	26/12/2020	07.28	27/12/2020	15.26	PO	Replacement work
220/33kV 125 MVA Transformer 1 @Chembur R/S	IntraState	26/12/2020	09.40	27/12/2020	13.32	PO	CT Replacement work
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	26/12/2020	11.09	26/12/2020	17.15	EO	Attending Oil Leakage
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	26/12/2020	13.50	26/12/2020	17.30	EO	Attending Oil Leakage
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	26/12/2020	16.27	26/12/2020	19.31	PO	LA Replacement
220/22 Kv 50 Mva Bhel Ptr 1 @Mahad	IntraState	27/12/2020	08.30		Continued.	PO	Gasket Replacement work
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	27/12/2020	11.11		Continued.	PO	HV circuit Breaker overhauling

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