

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jan/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.748	1339.154	1) Gujrat	-0.647	18.653
2) Hydro	5.889	113.425	2) Madhya Pradesh	9.480	96.594
3) Gas	6.680	49.798	3) Chattisgarh	6.210	64.740
Total MSPGCL	160.317	1502.377	4) Maharashtra	139.479	1434.120
B) 1) APLM	24.567	252.552	5) Goa (Amona)	-1.161	-11.086
2) JSWEL	16.139	174.780	Total	153.361	1603.021
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.281	186.726
4) RPL(AMT)	21.700	271.065	b) Mumbai Drawl	22.138	190.363
5) WPCL	6.831	77.537	c) MSEDCL Bilateral *	35.468	465.606
6) Other IPP	17.658	177.003	Include PX	6.779	172.369
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.281	186.726
C) 1) TPCL Thermal	11.618	131.586	Include PX	12.834	99.698
2) TPCL Hydro	1.995	38.223	Standby	0.000	0.000
3) TPCL Gas	2.755	10.218	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.482	87.752	1) MSEDCL	391.424	4000.935
D) STATE			2) Mumbai Discoms	43.988	458.144
1) Thermal	251.743	2511.429	TOTAL STATE	435.412	4459.079
(A1+C1+C4+(B1-B6))					
2) Hydro	7.884	151.648			
(A2+C2)					
3) Gas	9.435	60.016			
(A3+B7+C3)					
4) Wind	6.367	82.381			
6) SOLAR	6.622	50.582			
TOTAL STATE	282.051	2856.056			

* 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	6447	6365	6407	5390
MSPGCL Hydro	144	374	460	114
MSPGCL Gas	267	276	280	280
MSPGCL Total Generation	6858	7014	7146	5784
Central Sector Receipt	7738	7444	6194	5682
WIND	163	185	265	343
CPP / IPP Thermal	4081	3743	3510	3255
CPP / IPP Gas	0	0	0	0
SOLAR	943	985	0	0
Exchange with Mumbai	-1020	-1000	-993	-897
MSEDCL DEMAND MET	18762	18372	16122	14166
Load Shedding	0	0	0	0
MSEDCL DEMAND	18762	18372	16122	14166
TPCL GENERATION	816	840	793	533
AEML GENERATION	249	248	250	148
MUMBAI DEMAND	2085	2088	2036	1578
STATE DEMAND MET	20848	20460	18158	15744
STATE DEMAND	20848	20460	18158	15744
Frequency (Hz)	50.00	49.94	50.02	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.32 Hrs	49.82 Hz at 21.07 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 10/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.00	28.74	150	115
Unit 7	0.00	17.25	0	0
Unit 8	12.09	123.72	580	372
Unit 9	12.20	121.25	590	390
Unit 10	12.40	69.70	565	385
Total	39.69	360.66		
Bhusawal				
Unit 3	3.44	24.60	155	135
Unit 4	10.40	83.27	475	280
Unit 5	10.42	13.26	465	285
Total	24.26	121.13		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.73	48.87	250	178
Unit 7	4.59	49.86	245	172
Unit 8	4.75	51.68	250	178
Total	14.06	150.41		
Chandrapur				
Unit 3	3.76	39.41	173	126
Unit 4	0.00	29.69	0	0
Unit 5	8.88	88.55	415	275
Unit 6	9.20	76.45	435	283
Unit 7	7.68	74.14	345	285
Unit 8	0.00	0.00	0	0
Unit 9	11.36	115.39	496	456
Total	40.87	423.62		
Paras				
Unit 3	4.86	37.40	230	145
Unit 4	5.26	56.80	250	155
Total	10.12	94.21		
Khaparkheda				
Unit 1	3.31	31.64	155	115
Unit 2	3.86	38.51	180	115
Unit 3	4.18	33.14	195	125
Unit 4	4.29	43.42	195	130
Unit 5	0.00	8.74	0	0
Total	15.63	155.46		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.12	33.66	153	123
Unit 5	0.00	0.00	0	0
Total	3.12	33.66		
Uran				
All Units	6.68	49.80	292	266
Total	6.68	49.80		
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)	0.29	3.41	28	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.29	3.41		
Koyna				
Stage 1-2	1.44	28.96	150	40
Stage 4	1.48	43.24	260	0
Stage 3	0.86	15.22	160	0
Total	3.77	87.42		
Hydro				
KDPH	0.44	4.44	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.47	40	0
RNGR+BHTSA	0.33	3.57	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	3.60	15	15
SMLHY_PTN	0.39	2.63	17	16
GHATGHAR	0.39	9.30	125	0
Total	2.12	26.01		
Wind				
Total	6.37	82.38	0	0
Total	6.37	82.38		
CPP				
APML(Mus)	24.57	252.55	0	0
JSWEL(Mus)	16.14	174.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	21.70	271.06	0	0
WPCL(Mus)	6.83	77.54	0	0
Other(Mus)	17.66	177.00	0	0
Total	86.90	952.94		
SOLAR				
Total	6.62	50.58	0	0
Total	6.62	50.58		
Tata				
Trombay 5	7.06	86.34	380	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.54	5.96	65	63
Trombay 7B	1.22	4.25	52	50
Trombay 8	4.55	45.24	230	136
TATA Hydro	2.00	38.22	207	19
Total	16.37	180.03		
AEML				
DTPS U-1&2	5.48	87.75	290	148
Total	5.48	87.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.75	1339.15	MSPGCL Total	160.32	1502.38
			MSPGCL Thml+Gas	154.43	1388.95	Koyna 1,2 & 4 Total	2.91	72.19
			MSPGCL Hydro	5.89	113.42	State Total	282.05	2856.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jan/2021

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	5843	124	290	6256	418	3428	0	0	5818	5602	-952	14753	0	14753	1681	16434	49.96
2	5390	114	280	5784	343	3255	0	0	6109	5682	-897	14166	0	14166	1578	15744	49.96
3	5069	108	271	5448	328	3384	0	0	6197	5980	-825	14315	0	14315	1506	15821	49.97
4	4901	108	292	5302	304	3421	0	0	6198	6211	-784	14454	0	14454	1466	15920	50.00
5	5533	108	291	5932	285	3442	0	0	6151	6305	-778	15186	0	15186	1460	16646	50.00
6	6223	104	282	6608	305	3468	0	0	6365	6221	-844	15758	0	15758	1527	17286	49.97
7	6356	128	281	6766	298	3767	0	9	7013	6396	-822	16414	0	16414	1584	17998	50.00
8	6543	184	282	7010	367	4198	0	83	7083	6734	-697	17694	0	17694	1656	19350	50.03
9	6523	138	292	6954	286	4292	0	304	6821	6889	-850	17874	0	17874	1770	19644	50.00
10	6558	128	280	6966	253	4301	0	555	7033	7039	-1011	18104	0	18104	1908	20012	50.01
11	6580	148	268	6996	156	4219	0	867	7715	7403	-1071	18570	0	18570	2040	20610	50.03
12	6447	144	267	6858	163	4081	0	943	8010	7738	-1020	18762	0	18762	2085	20848	50.00
13	6365	374	276	7014	185	3743	0	985	7608	7444	-1000	18372	0	18372	2088	20460	49.94
14	6351	404	267	7022	182	3465	0	969	7443	7222	-988	17872	0	17872	2018	19890	49.99
15	6408	408	266	7082	111	3399	0	853	7317	7327	-981	17792	0	17792	1968	19760	50.02
16	6459	524	267	7250	133	3412	0	646	7043	7090	-885	17646	0	17646	1919	19564	50.01
17	6502	616	267	7384	116	3411	0	337	6530	6469	-844	16874	0	16874	1876	18750	49.99
18	6422	526	279	7228	212	3452	0	71	6010	5833	-866	15930	0	15930	1894	17824	50.01
19	6407	460	280	7146	265	3510	0	0	5948	6194	-993	16122	0	16122	2036	18158	50.02
20	6427	522	270	7220	285	3503	0	0	5891	5879	-989	15898	0	15898	2091	17988	49.99
21	6444	192	280	6916	270	3442	0	0	5752	5434	-996	15066	0	15066	2060	17126	49.96
22	6167	114	280	6560	357	3451	0	0	5651	5493	-1012	14850	0	14850	2013	16862	49.98
23	5992	108	281	6382	408	3415	0	0	5661	5455	-1058	14602	0	14602	1924	16526	50.01
24	5838	104	291	6232	337	3437	0	0	5684	5321	-975	14352	0	14352	1840	16192	50.02
MUs	147.75	5.89	6.68	160.32	6.37	86.90	0.00	6.62	157.05	153.36	-22.14	391.42	0.00	391.42	43.99	435.41	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 10/Jan/2021

Position as on 6.30 Hrs of 11/Jan/2021

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	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13		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	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-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	Koradi Unit 7	210	08/01/2021	09.48		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	08/01/2021	20.43		Continued.	Boiler Tube Leakage	
AEML	AEML Unit 1	250	09/01/2021	00.47	10/01/2021	19.39	Boiler License Renewal.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2021

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	08/01/2021	16.11		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	31/12/2020	10.17		Continued.	PO	1)Erection of 89A(N+27) & 90A(N+27); 2) loc no. 89A to 90A stringing; 3) loc no. 89A to 82 stringing;4) loc no. 90 to 92 stringing; 5)Dismentaling of old towers 89 & 90
Dhule- Bableshwar - I	IntraState	09/01/2021	19.35	10/01/2021	10.32	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/01/2021	20.50	10/01/2021	09.48	HT	Over Voltage
Kala Kudus Ckt-I	IntraState	10/01/2021	10.54	10/01/2021	14.08	PO	Annual Maintenance Work
Jejuri- Koynastage-IV	IntraState	10/01/2021	12.55	10/01/2021	19.24	PO	PID Faulty Disc Insulator replacement work
Chandrapur-Parali III	IntraState	10/01/2021	15.28	11/01/2021	06.51	EO	CB Safety valve problem(RFC 21.03Hrs)
Khadka-Aurangabad (Waluj)	IntraState	10/01/2021	20.01		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	10/01/2021	20.05		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	10/08/2020	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
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.
Loteparshuram- Dasturi Line	IntraState	05/01/2021	10.50		Continued.	T	Cross arm bent at Loc. no.98,100 & 101.
Nagothane - Ipcl	IntraState	10/01/2021	01.03	10/01/2021	12.50	T	Distance Protection
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	10/01/2021	06.09	10/01/2021	11.56	T	Distance Protection
Kalwa-Salsette-IV	IntraState	10/01/2021	06.46	10/01/2021	09.36	PO	Tree Trimming
Padghe - Jambhul 1	IntraState	10/01/2021	08.53	10/01/2021	18.24	PO	Fixing of Additional Jumper
Padghe - Nalasopara	IntraState	10/01/2021	09.38	10/01/2021	19.08	PO	Replacement of R and B Phase Stub Bus Conductor
Virur - Gadchiroli	IntraState	10/01/2021	13.05	10/01/2021	13.19	T	Distance Protection

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