

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jan/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.671	2374.457	1) Gujrat	-3.300	14.927
2) Hydro	10.878	195.677	2) Madhya Pradesh	9.441	170.173
3) Gas	6.827	97.174	3) Chattisgarh	6.670	107.760
Total MSPGCL	155.376	2667.308	4) Maharashtra	132.847	2409.328
B) 1) APML	54.209	502.786	5) Goa (Amona)	-0.618	-16.823
2) JSWEL	16.792	291.904	Total	145.040	2685.365
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.628	323.822
4) RPL(AMT)	26.224	457.997	b) Mumbai Drawl	15.553	333.694
5) WPCL	7.455	131.099	c) MSEDCL Bilateral *	31.468	707.161
6) Other IPP	16.564	295.800	Include PX	1.592	206.795
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.628	323.822
C) 1) TPCL Thermal	11.470	215.878	Include PX	6.990	178.714
2) TPCL Hydro	1.166	64.780	Standby	0.000	0.000
3) TPCL Gas	4.418	34.697	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.130	154.259	1) MSEDCL	420.752	6928.091
D) STATE			2) Mumbai Discoms	41.737	803.310
1) Thermal	279.515	4424.180	TOTAL STATE	462.489	7731.401
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.044	260.457			
3) Gas (A3+B7+C3)	11.245	131.871			
4) Wind	8.804	131.914			
6) SOLAR	5.841	97.612			
TOTAL STATE	317.449	5046.034			

* 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 24 Hrs
MSPGCL Thermal	5937	6007	5908	5022
MSPGCL Hydro	1452	922	312	164
MSPGCL Gas	278	267	279	272
MSPGCL Total Generation	7668	7196	6500	5458
Central Sector Receipt	6945	6909	5593	5648
WIND	274	211	279	643
CPP / IPP Thermal	5656	5647	5060	3997
CPP / IPP Gas	0	0	0	0
SOLAR	922	982	0	0
Exchange with Mumbai	-614	-563	-920	-766
MSEDCL DEMAND MET	20850	20382	16512	14980
Load Shedding	0	0	0	0
MSEDCL DEMAND	20850	20382	16512	14980
TPCL GENERATION	879	906	689	651
AEML GENERATION	499	499	282	283
MUMBAI DEMAND	1992	1968	1891	1700
STATE DEMAND MET	22842	22350	18402	16680
STATE DEMAND	22842	22350	18402	16680
Frequency (Hz)	49.99	49.97	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17:02 Hrs	49.76 Hz at 10:18 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/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	46.28	0	0
Unit 7	0.00	22.84	0	0
Unit 8	12.30	204.92	555	441
Unit 9	11.98	203.64	545	450
Unit 10	12.42	155.20	550	472
Total	36.69	632.88		
Bhusawal				
Unit 3	0.00	38.48	0	0
Unit 4	10.53	157.52	475	280
Unit 5	10.64	87.93	480	285
Total	21.16	283.93		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	85.66	250	198
Unit 7	5.28	86.24	249	194
Unit 8	5.31	88.35	250	183
Total	15.92	260.24		
Chandrapur				
Unit 3	3.67	65.80	176	121
Unit 4	3.52	45.84	162	121
Unit 5	0.00	140.14	0	0
Unit 6	8.58	141.92	430	281
Unit 7	7.87	127.72	365	285
Unit 8	0.00	0.00	0	0
Unit 9	11.38	191.18	490	462
Total	35.02	712.60		
Paras				
Unit 3	5.27	75.25	250	155
Unit 4	5.21	94.81	254	155
Total	10.48	170.06		
Khaparkheda				
Unit 1	3.30	54.16	155	115
Unit 2	3.74	59.38	180	115
Unit 3	4.21	63.08	195	130
Unit 4	3.97	72.95	195	130
Unit 5	0.00	8.74	0	0
Total	15.21	258.30		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.19	56.44	176	125
Unit 5	0.00	0.00	0	0
Total	3.19	56.44		
Uran				
All Units	6.83	97.17	294	266
Total	6.83	97.17		
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	3.93	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	3.93		
Koyna				
Stage 1-2	2.48	47.13	405	40
Stage 4	3.82	76.29	500	0
Stage 3	1.28	26.24	160	0
Total	7.57	149.66		
Hydro				
KDPH	0.44	7.04	19	19
VTRNA	0.07	0.21	60	0
TILLARI	0.26	1.02	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	4.11	40	0
RNGR+BHTSA	0.36	5.65	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	6.12	16	15
SMLHY_PTN	0.33	5.06	14	13
GHATGHAR	1.23	16.80	250	0
Total	3.31	46.02		
Wind				
Total	8.80	131.91	0	0
Total	8.80	131.91		
CPP				
APML(Mus)	54.21	502.79	0	0
JSWEL(Mus)	16.79	291.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.22	458.00	0	0
WPCL(Mus)	7.46	131.10	0	0
Other(Mus)	16.56	295.80	0	0
Total	121.24	1679.59		
SOLAR				
Total	5.84	97.61	0	0
Total	5.84	97.61		
Tata				
Trombay 5	7.37	140.35	458	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	20.86	117	117
Trombay 7B	1.61	13.84	68	67
Trombay 8	4.10	75.53	230	139
TATA Hydro	1.17	64.78	117	0
Total	17.05	315.36		
AEML				
DTPS U-1&2	9.13	154.26	500	282
Total	9.13	154.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.67	2374.46	MSPGCL Total	155.38	2667.31
			MSPGCL Thml+Gas	144.50	2471.63	Koyna 1,2 & 4 Total	6.29	123.42
			MSPGCL Hydro	10.88	195.68	State Total	317.45	5046.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5525	106	294	5926	520	4419	0	0	5653	5508	-777	15596	0	15596	1631	17226	50.00
2	5467	106	293	5866	553	4428	0	0	5633	5505	-791	15562	0	15562	1537	17098	49.98
3	5328	112	293	5734	416	4424	0	0	5726	5481	-696	15358	0	15358	1468	16826	49.99
4	5196	102	294	5592	353	4382	0	0	5683	5533	-563	15298	0	15298	1404	16702	49.94
5	5421	132	293	5846	394	4369	0	0	5653	5733	-532	15810	0	15810	1410	17220	49.96
6	5821	218	294	6332	394	4654	0	0	5828	5841	-588	16634	0	16634	1470	18104	49.95
7	6006	468	293	6768	350	5264	0	16	6356	5968	-449	17916	0	17916	1538	19454	49.95
8	6027	634	294	6954	356	5659	0	75	6273	5970	-264	18750	0	18750	1605	20356	49.94
9	6041	892	294	7226	369	5721	0	279	6259	6258	-325	19528	0	19528	1721	21250	50.02
10	6040	918	291	7250	327	5739	0	551	6622	6494	-449	19912	0	19912	1843	21754	50.02
11	5970	1130	280	7380	326	5685	0	789	7064	6993	-522	20652	0	20652	1940	22592	49.91
12	5937	1452	278	7668	274	5656	0	922	7161	6945	-614	20850	0	20850	1992	22842	49.99
13	6007	922	267	7196	211	5647	0	982	7045	6909	-563	20382	0	20382	1968	22350	49.97
14	6047	552	277	6876	174	5581	0	879	7083	7189	-722	19978	0	19978	1865	21842	50.03
15	6063	502	266	6832	126	5585	0	700	7112	7114	-647	19710	0	19710	1810	21520	50.02
16	6047	818	267	7132	124	5596	0	408	6905	6796	-458	19598	0	19598	1801	21398	49.99
17	6100	548	287	6936	85	5682	0	198	6380	6339	-461	18778	0	18778	1787	20566	50.03
18	6022	220	269	6510	180	5431	0	42	6071	5718	-785	17096	0	17096	1774	18870	50.05
19	5908	312	279	6500	279	5060	0	0	5617	5593	-920	16512	0	16512	1891	18402	50.01
20	5771	212	290	6274	486	4928	0	0	5620	5323	-961	16050	0	16050	1965	18014	50.03
21	5417	108	280	5804	631	4549	0	0	5495	5346	-956	15374	0	15374	1940	17314	50.01
22	5387	122	291	5800	632	4415	0	0	5609	5263	-905	15206	0	15206	1888	17094	50.04
23	5101	124	291	5516	601	4373	0	0	5630	5573	-839	15224	0	15224	1789	17014	50.02
24	5022	164	272	5458	643	3997	0	0	5627	5648	-766	14980	0	14980	1700	16680	50.01
MUs	137.67	10.88	6.83	155.38	8.80	121.24	0.00	5.84	148.10	145.04	-15.55	420.75	0.00	420.75	41.74	462.49	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/Jan/2021

Position as on 6.30 Hrs of 18/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-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Bhusawal Unit 3	210	15/01/2021	21.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	16/01/2021	08.11		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	16/01/2021	11.34		Continued.	Zero Schedule.	
TPC-G	Trombay 5	500	16/01/2021	15.00	17/01/2021	01.11	Reheat Spray Line Leakage.	
MSPGCL	Chandrapur Unit 5	500	16/01/2021	15.20		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 18/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 I	InterState	16/01/2021	17.55	17/01/2021	06.55	HT	Over Voltage
Dabhol Nagothane II	InterState	17/01/2021	14.11	17/01/2021	14.43	T	Tripped From Dabhol End.
Dhule Sar'Sarovar I	InterState	17/01/2021	19.46		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)Dismantling of old towers 89 & 90
Bhusawal-Aurangabad	IntraState	16/01/2021	20.17	17/01/2021	07.03	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	16/01/2021	22.01	17/01/2021	10.22	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	17/01/2021	11.53		Continued.	PO	Cold Washing & Routine Maintenance Work.(RFC 20.53)
Bhusawal-Aurangabad	IntraState	17/01/2021	19.23		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	18/01/2021	00.37		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	09.15	17/01/2021	12.09	T	Y-Phase Failure Buchloz Protection.
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
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
GIS Bhandup - Borivali	IntraState	12/01/2021	11.48	17/01/2021	00.26	PO	Bay strengthening at Borivali
BHIRA (T) - KARANJADE CKT - 7	IntraState	17/01/2021	07.31		Continued.	PO	For DMRC Work.
Trombay - Kalwa	IntraState	17/01/2021	08.44		Continued.	T	Tripped On SOFT At 18.50 HRS.
Vasai Kamba	IntraState	17/01/2021	10.00	17/01/2021	17.57	PO	Replacement Of PID Faulty Insulator String At Loc No.02,10,13,25,36,40. Jumper Nutbolt Tightening At Loc No 30,35,38,52.
Mudshingi-Wathar	IntraState	17/01/2021	10.05	17/01/2021	17.07	HT	To Control ICT Loading At 400KV Kolhapur.
Peth- Mudshingi -I	IntraState	17/01/2021	10.36	17/01/2021	16.46	HT	To Control ICT Loading At 400KV Kolhapur.
Ghatghar - Bapgaon	IntraState	17/01/2021	12.29	17/01/2021	16.47	T	Distance Protection

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