

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jan/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.648	2236.786	1) Gujrat	-1.630	18.227
2) Hydro	16.344	184.799	2) Madhya Pradesh	10.019	160.732
3) Gas	6.895	90.347	3) Chattisgarh	6.190	101.090
Total MSPGCL	170.887	2511.932	4) Maharashtra	136.410	2276.481
B) 1) APML	44.919	448.577	5) Goa (Amona)	-0.795	-16.205
2) JSWEL	17.235	275.112	Total	150.194	2540.325
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.405	308.194
4) RPL(AMT)	26.236	431.773	b) Mumbai Drawl	18.072	318.141
5) WPCL	7.413	123.644	c) MSEDCL Bilateral *	35.232	675.692
6) Other IPP	15.523	279.236	Include PX	4.961	205.204
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.405	308.194
C) 1) TPCL Thermal	9.692	204.408	Include PX	10.311	171.724
2) TPCL Hydro	4.478	63.614	Standby	0.000	0.000
3) TPCL Gas	4.412	30.279	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.820	145.129	1) MSEDCL	426.517	6507.339
D) STATE			2) Mumbai Discoms	46.474	761.573
1) Thermal	278.486	4144.665	TOTAL STATE	472.991	7268.912
(A1+C1+C4+(B1-B6))					
2) Hydro	20.822	248.413			
(A2+C2)					
3) Gas	11.307	120.626			
(A3+B7+C3)					
4) Wind	5.768	123.110			
6) SOLAR	6.414	91.771			
TOTAL STATE	322.797	4728.585			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6611	6485	6032	5380
MSPGCL Hydro	1206	1104	962	112
MSPGCL Gas	279	267	292	294
MSPGCL Total Generation	8096	7856	7286	5786
Central Sector Receipt	7590	7178	5636	5720
WIND	163	91	225	193
CPP / IPP Thermal	5229	5564	5090	3610
CPP / IPP Gas	0	0	0	0
SOLAR	991	794	0	0
Exchange with Mumbai	-900	-946	-933	-543
MSEDCL DEMAND MET	21170	20536	17304	14766
Load Shedding	0	0	0	0
MSEDCL DEMAND	21170	20536	17304	14766
TPCL GENERATION	995	903	806	603
AEML GENERATION	447	340	501	284
MUMBAI DEMAND	2342	2189	2240	1430
STATE DEMAND MET	23512	22725	19544	16196
STATE DEMAND	23512	22725	19544	16196
Frequency (Hz)	49.99	50.04	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 15.03 Hrs	49.76 Hz at 17.48 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 16/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.65	46.28	200	0
Unit 7	0.89	22.84	125	0
Unit 8	12.35	192.62	579	443
Unit 9	12.73	191.67	580	400
Unit 10	12.66	142.78	570	500
Total	40.26	596.19		
Bhusawal				
Unit 3	0.00	38.48	0	0
Unit 4	10.52	146.99	475	285
Unit 5	10.92	77.29	500	280
Total	21.44	262.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.16	80.34	250	190
Unit 7	5.19	80.95	248	184
Unit 8	5.35	83.04	250	190
Total	15.70	244.33		
Chandrapur				
Unit 3	3.71	62.13	173	125
Unit 4	3.53	42.32	160	122
Unit 5	5.40	140.14	415	0
Unit 6	9.17	133.34	435	279
Unit 7	7.66	119.85	355	276
Unit 8	0.00	0.00	0	0
Unit 9	10.90	179.80	487	425
Total	40.37	677.58		
Paras				
Unit 3	5.62	69.98	252	155
Unit 4	5.58	89.60	254	155
Total	11.20	159.58		
Khaparkheda				
Unit 1	3.12	50.86	145	105
Unit 2	3.86	55.63	170	115
Unit 3	4.33	58.87	195	130
Unit 4	4.14	68.98	200	130
Unit 5	0.00	8.74	0	0
Total	15.46	243.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.20	53.26	192	124
Unit 5	0.00	0.00	0	0
Total	3.20	53.26		
Uran				
All Units	6.90	90.35	304	267
Total	6.90	90.35		
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)	0.00	3.84	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	3.84		
Koyna				
Stage 1-2	3.06	44.66	450	40
Stage 4	8.45	72.48	750	0
Stage 3	2.46	24.96	240	0
Total	13.97	142.09		
Hydro				
KDPH	0.44	6.59	19	19
VTRNA	0.00	0.14	0	0
TILLARI	0.18	0.76	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.87	40	0
RNGR+BHTSA	0.36	5.29	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	5.76	16	15
SMLHY_PTN	0.35	4.73	15	14
GHATGHAR	0.46	15.56	195	0
Total	2.37	42.71		
Wind				
Total	5.77	123.11	0	0
Total	5.77	123.11		
CPP				
APML(Mus)	44.92	448.58	0	0
JSWEL(Mus)	17.24	275.11	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.24	431.77	0	0
WPCL(Mus)	7.41	123.64	0	0
Other(Mus)	15.52	279.24	0	0
Total	111.33	1558.34		
SOLAR				
Total	6.41	91.77	0	0
Total	6.41	91.77		
Tata				
Trombay 5	5.04	132.98	472	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	18.05	117	117
Trombay 7B	1.60	12.23	67	66
Trombay 8	4.65	71.43	237	138
TATA Hydro	4.48	63.61	386	0
Total	18.58	298.30		
AEML				
DTPS U-1&2	9.82	145.13	501	282
Total	9.82	145.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.65	2236.79	MSPGCL Total	170.89	2511.93
			MSPGCL Thml+Gas	154.54	2327.13	Koyna 1,2 & 4 Total	11.51	117.13
			MSPGCL Hydro	16.34	184.80	State Total	322.80	4728.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	6348	108	303	6758	254	3649	0	0	5557	5450	-714	15398	0	15398	1648	17046	50.02
2	5868	108	294	6270	232	3653	0	0	5772	5431	-644	14941	0	14941	1541	16482	49.98
3	5404	118	293	5814	161	3602	0	0	5893	5771	-597	14752	0	14752	1482	16234	49.98
4	5380	112	294	5786	193	3610	0	0	5887	5720	-543	14766	0	14766	1430	16196	49.96
5	5753	108	295	6156	190	3640	0	0	6012	5974	-541	15418	0	15418	1426	16844	49.98
6	6092	228	294	6614	235	3638	0	0	6498	6564	-596	16455	0	16455	1500	17955	49.97
7	6519	570	295	7384	241	4139	0	4	6713	6490	-545	17714	0	17714	1586	19300	49.97
8	6600	768	294	7662	302	4402	0	69	6793	6867	-326	18976	0	18976	1717	20693	50.01
9	6669	1258	304	8232	295	4515	0	328	6603	6731	-496	19604	0	19604	1926	21530	50.01
10	6760	1330	292	8382	289	4780	0	591	6816	7011	-668	20386	0	20386	2144	22530	49.95
11	6688	1434	280	8402	219	5062	0	822	7422	6981	-774	20712	0	20712	2306	23018	50.00
12	6611	1206	279	8096	163	5229	0	991	7812	7590	-900	21170	0	21170	2342	23512	49.99
13	6444	1314	277	8036	135	5295	0	961	7095	7011	-1120	20318	0	20318	2305	22622	49.98
14	6479	1164	267	7910	120	5521	0	947	6773	6627	-1006	20118	0	20118	2195	22313	49.97
15	6485	1104	267	7856	91	5564	0	794	7228	7178	-946	20536	0	20536	2189	22725	50.04
16	6305	1098	278	7682	102	5567	0	556	7405	7146	-974	20078	0	20078	2181	22259	50.02
17	6187	1028	278	7494	107	5673	0	292	6752	6506	-867	19204	0	19204	2168	21372	49.98
18	6121	832	280	7232	119	5521	0	59	6289	5851	-855	17928	0	17928	2159	20086	49.94
19	6025	804	280	7108	171	5222	0	0	5938	5624	-916	17210	0	17210	2222	19432	49.95
20	6032	962	292	7286	225	5090	0	0	5618	5636	-933	17304	0	17304	2240	19544	49.96
21	5920	194	292	6406	340	4860	0	0	5737	5302	-829	16078	0	16078	2135	18213	50.00
22	5714	204	282	6200	450	4368	0	0	5670	5718	-726	16010	0	16010	2014	18024	49.99
23	5669	170	292	6132	580	4366	0	0	5619	5369	-725	15722	0	15722	1872	17594	49.99
24	5575	124	293	5992	554	4361	0	0	5648	5646	-831	15722	0	15722	1746	17468	50.01
MUs	147.65	16.34	6.89	170.89	5.77	111.33	0.00	6.41	153.55	150.19	-18.07	426.52	0.00	426.52	46.47	472.99	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 16/Jan/2021

Position as on 6.30 Hrs of 17/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	Khaparkhedha 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	16/01/2021	08.49	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
IPP	Adani U-5	660	13/01/2021	05.37	16/01/2021	08.13	Zero Schedule	
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 16/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 17/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	11/01/2021	18.13	16/01/2021	07.27	HT	Over Voltage
Padgha Tarapur II	InterState	16/01/2021	10.11	16/01/2021	22.31	PO	For Line Side Equipment AMP Works At Padghe MSETCL SS.
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)Dismantaling of old towers 89 & 90
Bhusawal-Aurangabad	IntraState	15/01/2021	19.34	16/01/2021	09.54	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	15/01/2021	21.09	16/01/2021	07.47	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/01/2021	20.17	17/01/2021	07.03	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	16/01/2021	22.01	17/01/2021	10.22	HT	Over Voltage
New Koyana - 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
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
Trombay - Kalwa	IntraState	16/01/2021	06.43	16/01/2021	17.12	PO	Replacement Of Existing Conductor From Loc No. 49 To 56 And From Loc No. 58 To 64.
Padghe - Jambhul 1	IntraState	16/01/2021	09.11	16/01/2021	18.20	PO	Fixing Of Additional Jumper To Cut Point Location.
Mumewadi -Halkarni ckt-I	IntraState	16/01/2021	09.17	16/01/2021	13.03	PO	Annual Maintenance Work
New Koyana - Loteparshuram	IntraState	16/01/2021	09.37	16/01/2021	16.38	PO	Attending Hot Spot
Peth- Mudshingi -I	IntraState	16/01/2021	10.00	16/01/2021	13.52	PO	La Replacement Work Due To High LCM Value.
Jejuri-Phursungi ckt-1	IntraState	16/01/2021	10.05	16/01/2021	12.00	PO	Replacement Of Terminal Blocks In CT MB.
Parli 2-(Girwali) -Murud	IntraState	16/01/2021	11.21	16/01/2021	15.47	PO	Attending Hot Spot
Magar Patta City- Serum	IntraState	16/01/2021	12.14	16/01/2021	17.28	PO	To Replace LA Due To Higher LCM.
Mumewadi -Halkarni ckt-II	IntraState	16/01/2021	14.32	16/01/2021	17.36	PO	For Tan Delta Testing Of CT & Bay Equipment Maintenance Work.
BHIRA (T) - KARANJADE CKT - 7	IntraState	17/01/2021	07.31		Continued.	PO	For DMRC 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 16/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	16/01/2021	12.40	16/01/2021	21.08	PO	AMC Of CTR & Attending Red Hot Spot By Replacing Jumper And By Maintenance Of ICT-1.

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