

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jan/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.702	1784.362	1) Gujrat	-0.150	18.127
2) Hydro	13.119	143.138	2) Madhya Pradesh	11.456	131.369
3) Gas	6.693	69.790	3) Chattisgarh	6.350	83.490
Total MSPGCL	168.514	1997.290	4) Maharashtra	140.853	1856.214
B) 1) APMIL	33.273	341.161	5) Goa (Amona)	-0.878	-13.650
2) JSWEL	16.151	224.834	Total	157.631	2075.550
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.913	248.395
4) RPL(AMT)	27.031	353.853	b) Mumbai Drawl	23.028	257.515
5) WPCL	7.682	100.984	c) MSEDCL Bilateral *	35.701	566.966
6) Other IPP	18.179	231.505	Include PX	6.180	185.996
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.913	248.395
C) 1) TPCL Thermal	12.965	171.336	Include PX	12.976	137.621
2) TPCL Hydro	4.141	51.915	Standby	0.000	0.000
3) TPCL Gas	2.880	17.829	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.674	116.859	1) MSEDCL	419.433	5244.236
D) STATE			2) Mumbai Discoms	52.688	615.456
1) Thermal	273.657	3324.894	TOTAL STATE	472.121	5859.692
(A1+C1+C4+(B1-B6))					
2) Hydro	17.260	195.053			
(A2+C2)					
3) Gas	9.573	87.619			
(A3+B7+C3)					
4) Wind	7.050	105.190			
6) SOLAR	6.950	71.384			
TOTAL STATE	314.490	3784.140			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6510	6486	6471	5119
MSPGCL Hydro	1454	770	253	98
MSPGCL Gas	269	265	289	292
MSPGCL Total Generation	8232	7520	7013	5510
Central Sector Receipt	7856	7393	6228	6031
WIND	268	357	215	413
CPP / IPP Thermal	4546	4316	4577	3957
CPP / IPP Gas	0	0	0	0
SOLAR	909	1068	6	0
Exchange with Mumbai	-1061	-1091	-1019	-826
MSEDCL DEMAND MET	20750	19564	17020	15084
Load Shedding	0	0	0	0
MSEDCL DEMAND	20750	19564	17020	15084
TPCL GENERATION	1100	1111	926	519
AEML GENERATION	501	501	500	283
MUMBAI DEMAND	2662	2703	2445	1628
STATE DEMAND MET	23412	22266	19465	16712
STATE DEMAND	23412	22266	19465	16712
Frequency (Hz)	50.04	50.01	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 22.01 Hrs	49.76 Hz at 06.13 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 13/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.24	38.24	170	115
Unit 7	0.42	17.67	115	0
Unit 8	11.73	158.48	523	463
Unit 9	11.70	156.78	521	455
Unit 10	11.85	105.42	531	455
Total	38.94	476.59		
Bhusawal				
Unit 3	1.86	31.58	180	0
Unit 4	10.60	114.97	480	280
Unit 5	10.68	45.23	485	300
Total	23.14	191.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.20	64.52	250	170
Unit 7	5.15	65.22	249	169
Unit 8	5.18	67.35	250	177
Total	15.54	197.09		
Chandrapur				
Unit 3	3.80	50.85	169	127
Unit 4	2.33	32.19	141	0
Unit 5	9.47	116.81	425	275
Unit 6	9.68	105.41	435	285
Unit 7	7.61	97.04	330	295
Unit 8	0.00	0.00	0	0
Unit 9	11.41	147.35	495	445
Total	44.29	549.64		
Paras				
Unit 3	5.70	54.12	253	166
Unit 4	5.67	73.19	250	155
Total	11.37	127.31		
Khaparkheda				
Unit 1	3.28	40.94	145	110
Unit 2	0.48	46.50	135	0
Unit 3	4.18	45.83	190	130
Unit 4	4.21	56.65	200	130
Unit 5	0.00	8.74	0	0
Total	12.14	198.65		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.28	43.31	197	125
Unit 5	0.00	0.00	0	0
Total	3.28	43.31		
Uran				
All Units	6.69	69.79	293	255
Total	6.69	69.79		
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)	0.06	3.79	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	3.79		
Koyna				
Stage 1-2	2.76	37.03	560	40
Stage 4	5.98	52.39	750	0
Stage 3	1.75	18.73	160	0
Total	10.50	108.15		
Hydro				
KDPH	0.30	5.62	19	0
VTRNA	0.14	0.14	59	0
TILLARI	0.00	0.16	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	3.15	40	0
RNGR+BHTSA	0.00	4.22	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	4.68	15	15
SMLHY_PTN	0.35	3.67	15	14
GHATGHAR	1.20	13.36	250	0
Total	2.62	34.99		
Wind				
Total	7.05	105.19	0	0
Total	7.05	105.19		
CPP				
APML(Mus)	33.27	341.16	0	0
JSWEL(Mus)	16.15	224.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.03	353.85	0	0
WPCL(Mus)	7.68	100.98	0	0
Other(Mus)	18.18	231.50	0	0
Total	102.32	1252.34		
SOLAR				
Total	6.95	71.38	0	0
Total	6.95	71.38		
Tata				
Trombay 5	8.42	112.54	473	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.65	10.22	115	54
Trombay 7B	1.23	7.61	66	43
Trombay 8	4.55	58.79	232	138
TATA Hydro	4.14	51.92	341	0
Total	19.99	241.08		
AEML				
DTPS U-1&2	9.67	116.86	501	282
Total	9.67	116.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.70	1784.36	MSPGCL Total	168.51	1997.29
			MSPGCL Thml+Gas	155.40	1854.15	Koyna 1,2 & 4 Total	8.75	89.42
			MSPGCL Hydro	13.12	143.14	State Total	314.49	3784.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5996	88	282	6366	329	4054	0	0	5859	5540	-1057	15232	0	15232	1885	17118	49.96
2	5683	98	292	6074	429	4004	0	0	6011	5678	-951	15234	0	15234	1769	17002	49.96
3	5261	98	272	5632	419	3980	0	0	6095	6075	-879	15226	0	15226	1682	16908	50.01
4	5119	98	292	5510	413	3957	0	0	6045	6031	-826	15084	0	15084	1628	16712	50.01
5	5493	98	292	5884	372	3916	0	0	6015	6339	-812	15698	0	15698	1617	17316	50.01
6	6022	120	282	6424	431	4199	0	0	6462	6315	-864	16506	0	16506	1675	18180	49.94
7	6188	266	292	6746	382	4370	0	13	7091	6266	-830	16946	0	16946	1766	18712	49.93
8	6276	1320	293	7888	380	4560	0	78	6708	6844	-659	19092	0	19092	1947	21038	49.97
9	6307	1788	292	8388	209	4619	0	311	6669	6490	-777	19240	0	19240	2208	21448	49.95
10	6403	1568	270	8242	213	4618	0	664	7301	6824	-926	19634	0	19634	2473	22108	49.93
11	6510	1454	269	8232	268	4546	0	909	7688	7856	-1061	20750	0	20750	2662	23412	50.04
12	6565	1040	277	7882	330	4497	0	1041	7946	7910	-1068	20592	0	20592	2726	23318	50.04
13	6486	770	265	7520	357	4316	0	1068	7807	7393	-1091	19564	0	19564	2703	22266	50.01
14	6358	838	265	7462	363	3951	0	966	7810	7554	-961	19334	0	19334	2584	21918	50.05
15	6399	804	255	7458	330	4276	0	857	7633	7673	-1060	19534	0	19534	2577	22112	50.01
16	6431	656	266	7354	325	4458	0	642	7926	7447	-958	19268	0	19268	2579	21846	50.01
17	6284	630	277	7191	270	4309	0	328	7261	7325	-940	18483	0	18483	2528	21011	49.99
18	6470	654	268	7392	141	4408	0	67	6571	6451	-978	17481	0	17481	2448	19929	50.05
19	6471	253	289	7013	215	4577	0	6	6278	6228	-1019	17020	0	17020	2445	19465	50.00
20	6472	183	269	6924	232	4578	0	0	6369	5884	-873	16745	0	16745	2421	19166	50.01
21	6337	74	280	6691	169	4264	0	0	5999	6009	-1098	16035	0	16035	2286	18321	49.97
22	6388	74	291	6753	189	4244	0	0	5829	5809	-1129	15866	0	15866	2150	18016	50.05
23	6393	74	282	6749	150	3917	0	0	6111	5881	-1137	15560	0	15560	2013	17573	50.05
24	6390	69	281	6740	134	3698	0	0	6029	5809	-1074	15307	0	15307	1916	17223	50.01
MUs	148.70	13.12	6.69	168.51	7.05	102.32	0.00	6.95	161.51	157.63	-23.03	419.43	0.00	419.43	52.69	472.12	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 13/Jan/2021

Position as on 6.30 Hrs of 14/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		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Koradi Unit 7	210	08/01/2021	09.48	13/01/2021	14.34	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	11/01/2021	20.42	13/01/2021	01.21	Expansion high during set stabilization	
MSPGCL	Bhusawal Unit 3	210	12/01/2021	09.40	13/01/2021	09.54	To attend GT Hot Spot	
MSPGCL	Khaparkhedha Unit 2	210	13/01/2021	03.58		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	13/01/2021	05.37		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 7	210	13/01/2021	15.58	13/01/2021	19.59	supply change over	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 14/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		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
Nagothane - Dabhol I	IntraState	12/01/2021	17.44	13/01/2021	06.52	PO	Broken Earth wire (RFC 21.26Hrs)
Khadka-Aurangabad (Waluj)	IntraState	12/01/2021	20.46	13/01/2021	08.06	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/01/2021	19.34		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	13/01/2021	20.57		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	13/01/2021	22.54	14/01/2021	05.43	EO	Replacement of flashover B-ph string at loc no -113
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
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	13/01/2021	09.31	13/01/2021	15.38	PO	Testing 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.
Loteparshuram- Dasturi Line	IntraState	05/01/2021	10.50		Continued.	T	Cross arm bent at Loc. no.98,100 & 101.
Ranjangaon-Lonikand	IntraState	11/01/2021	11.42		Continued.	PO	Serving & Overhauling of ABB Make C.B
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		Continued.	PO	Bay strengthening at Borivali
Uran - Kharghar I	IntraState	13/01/2021	07.02	13/01/2021	19.23	PO	CB Overhauling work
Kalmeshwar-Pandhurna	IntraState	13/01/2021	09.05	13/01/2021	13.38	PO	Routine Maintenance Work
Karad - Vita Ckt- II	IntraState	13/01/2021	09.37	13/01/2021	19.02	PO	Conversion of SSN To DSN
Mudshingi-Belewadi	IntraState	13/01/2021	10.08	13/01/2021	15.47	PO	Quarterly Maintainance Work
Lamboti -Solapur li(Bale) Ckt- II	IntraState	13/01/2021	10.28	13/01/2021	12.46	PO	Quarterly Maintainance Work
Centuri Enka- Bhosari	IntraState	14/01/2021	05.16	14/01/2021	06.09	T	Y-ph CT Burst at CenturyEnka end
512 Khadki- Century Enka	IntraState	14/01/2021	05.16		Continued.	T	Y-ph CT Burst at Century Enka end
220 KV ICT Outages/Trippings							
220/132-110kv 200mva Ptr 1 @Oglewadi	IntraState	13/01/2021	09.04	13/01/2021	22.01	PO	OLTC overhauling work
220/33 Kv 50mva Bhel Ptr No 1 @Alephata	IntraState	13/01/2021	12.20	13/01/2021	17.53	PO	Relay Testing Work

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