

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jan/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.189	3411.124	1) Gujrat	0.446	14.523
2) Hydro	14.816	307.558	2) Madhya Pradesh	6.824	238.006
3) Gas	6.839	139.401	3) Chattisgarh	6.140	152.560
Total MSPGCL	178.844	3858.083	4) Maharashtra	127.861	3366.747
B) 1) APLM	52.912	881.537	5) Goa (Amona)	-0.694	-26.392
2) JSWEL	16.736	411.741	Total	140.577	3745.444
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.246	461.920
4) RPL(AMT)	24.906	645.753	b) Mumbai Drawl	15.308	470.506
5) WPCL	6.925	178.128	c) MSEDCL Bilateral *	33.594	947.270
6) Other IPP	16.996	421.801	Include PX	4.465	239.845
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.246	457.450
C) 1) TPCL Thermal	9.840	271.625	Include PX	2.551	245.834
2) TPCL Hydro	3.285	103.391	Standby	0.000	4.471
3) TPCL Gas	3.859	59.052	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.313	232.642	1) MSEDCL	436.025	9988.754
D) STATE			2) Mumbai Discoms	42.605	1137.216
1) Thermal	295.817	6454.351	TOTAL STATE	478.630	11125.970
(A1+C1+C4+(B1-B6))					
2) Hydro	18.101	410.949			
(A2+C2)					
3) Gas	10.698	198.453			
(A3+B7+C3)					
4) Wind	6.415	173.091			
6) SOLAR	7.022	143.682			
TOTAL STATE	338.053	7380.526			

* 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	6932	6895	6706	5561
MSPGCL Hydro	1621	1104	710	205
MSPGCL Gas	279	268	292	295
MSPGCL Total Generation	8832	8267	7708	6061
Central Sector Receipt	6426	6172	4722	5739
WIND	64	55	332	424
CPP / IPP Thermal	5710	5690	4706	4426
CPP / IPP Gas	0	0	0	0
SOLAR	989	1050	0	0
Exchange with Mumbai	-608	-558	-779	-465
MSEDCL DEMAND MET	21413	20676	16689	16185
Load Shedding	0	0	0	0
MSEDCL DEMAND	21413	20676	16689	16185
TPCL GENERATION	912	947	925	527
AEML GENERATION	500	500	284	501
MUMBAI DEMAND	2020	2005	1988	1493
STATE DEMAND MET	23433	22681	18677	17678
STATE DEMAND	23433	22681	18677	17678
Frequency (Hz)	50.00	50.02	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 08.02 Hrs	49.84 Hz at 22.11 Hrs	50.02	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 24/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.20	61.52	170	125
Unit 7	2.95	36.67	136	110
Unit 8	10.58	282.10	512	376
Unit 9	11.73	285.17	535	400
Unit 10	10.84	229.30	470	390
Total	39.29	894.76		
Bhusawal				
Unit 3	3.28	55.63	170	120
Unit 4	10.24	231.60	470	285
Unit 5	10.26	161.83	480	280
Total	23.79	449.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	121.80	240	200
Unit 7	4.96	121.96	248	191
Unit 8	5.33	124.70	252	190
Total	15.30	368.45		
Chandrapur				
Unit 3	3.44	91.29	166	125
Unit 4	3.35	66.35	153	125
Unit 5	9.24	180.86	455	280
Unit 6	9.00	208.95	435	280
Unit 7	8.21	186.52	380	280
Unit 8	10.65	19.34	460	412
Unit 9	11.01	266.11	473	449
Total	54.90	1019.44		
Paras				
Unit 3	5.35	111.24	255	150
Unit 4	5.31	131.09	256	156
Total	10.66	242.33		
Khaparkheda				
Unit 1	2.42	76.72	150	0
Unit 2	3.52	85.36	165	115
Unit 3	4.11	93.60	190	140
Unit 4	0.11	92.21	70	0
Unit 5	0.00	8.74	0	0
Total	10.16	356.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.09	80.44	142	124
Unit 5	0.00	0.00	0	0
Total	3.09	80.44		
Uran				
All Units	6.84	139.40	305	258
Total	6.84	139.40		
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)	0.36	5.41	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.36	5.41		
Koyna				
Stage 1-2	2.45	70.50	530	40
Stage 4	7.09	124.12	750	0
Stage 3	2.41	41.75	240	0
Total	11.95	236.36		
Hydro				
KDPH	0.00	9.02	0	0
VTRNA	0.38	2.70	60	0
TILLARI	0.46	4.74	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	6.35	40	0
RNGR+BHTSA	0.32	8.09	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.26	6.46	11	10
GHATGHAR	1.12	27.00	250	0
Total	2.87	71.20		
Wind				
Total	6.42	173.09	0	0
Total	6.42	173.09		
CPP				
APML(Mus)	52.91	881.54	0	0
JSWEL(Mus)	16.74	411.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	24.91	645.75	0	0
WPCL(Mus)	6.92	178.13	0	0
Other(Mus)	17.00	421.80	0	0
Total	118.48	2538.96		
SOLAR				
Total	7.02	143.68	0	0
Total	7.02	143.68		
Tata				
Trombay 5	7.91	164.05	463	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	35.83	100	100
Trombay 7B	1.46	23.22	61	60
Trombay 8	1.93	107.57	198	0
TATA Hydro	3.28	103.39	381	0
Total	16.98	434.07		
AEML				
DTPS U-1&2	10.31	232.64	501	283
Total	10.31	232.64		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	157.19	3411.12
MSPGCL Thml+Gas	164.03	3550.52
MSPGCL Hydro	14.82	307.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	178.84	3858.08
Koyna 1,2 & 4 Total	9.54	194.61
State Total	338.05	7380.53

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Jan/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6440	320	293	7053	589	4422	0	0	5558	5344	-840	16568	0	16568	1699	18267	50.02
2	6326	265	294	6885	577	4406	0	0	5636	5214	-663	16419	0	16419	1601	18020	50.01
3	5913	275	284	6472	475	4434	0	0	5773	5421	-571	16231	0	16231	1541	17772	50.00
4	5561	205	295	6061	424	4426	0	0	5747	5739	-465	16185	0	16185	1493	17678	49.99
5	5805	179	295	6279	352	4409	0	0	5852	6045	-384	16701	0	16701	1478	18179	50.00
6	6654	232	295	7181	315	4468	0	0	6153	6219	-560	17623	0	17623	1535	19158	49.97
7	6960	343	295	7598	256	4999	0	0	6501	6107	-635	18325	0	18325	1579	19904	50.02
8	7087	544	305	7936	227	5589	0	73	6220	6401	-497	19729	0	19729	1640	21369	50.04
9	7072	1024	294	8390	97	5773	0	350	6003	5920	-540	19990	0	19990	1765	21755	50.06
10	6948	1013	293	8254	79	5666	0	655	6406	6199	-569	20284	0	20284	1878	22162	50.04
11	6788	1388	271	8447	52	5467	0	867	6860	6942	-609	21166	0	21166	1979	23145	49.99
12	6932	1621	279	8832	64	5710	0	989	6513	6426	-608	21413	0	21413	2020	23433	50.00
13	6895	1104	268	8267	55	5690	0	1050	6786	6172	-558	20676	0	20676	2005	22681	50.02
14	6783	982	278	8043	149	5307	0	988	6645	6455	-619	20323	0	20323	1935	22258	50.06
15	6711	993	258	7962	167	5342	0	897	6577	6406	-570	20204	0	20204	1880	22084	50.03
16	6814	943	268	8025	240	5395	0	691	6292	6237	-394	20194	0	20194	1853	22047	50.02
17	6776	838	279	7893	252	5109	0	372	5807	5856	-361	19121	0	19121	1834	20955	50.04
18	6780	685	280	7745	234	4744	0	90	5325	5373	-609	17577	0	17577	1810	19387	50.05
19	6799	330	271	7400	244	4722	0	0	5035	4896	-791	16471	0	16471	1902	18373	50.03
20	6706	710	292	7708	332	4706	0	0	4708	4722	-779	16689	0	16689	1988	18677	50.00
21	6159	287	282	6728	341	4506	0	0	5356	5334	-908	16001	0	16001	1930	17931	50.01
22	5771	287	293	6351	306	4390	0	0	5745	5850	-957	15940	0	15940	1865	17805	50.01
23	6158	163	283	6604	295	4376	0	0	5914	5639	-963	15951	0	15951	1749	17700	49.98
24	6351	85	294	6730	293	4419	0	0	5846	5660	-858	16244	0	16244	1646	17890	50.01
MUs	157.19	14.82	6.84	178.84	6.41	118.47	0.00	7.02	143.26	140.58	-15.31	436.03	0.00	436.03	42.60	478.63	50.02

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 24/Jan/2021

Position as on 6.30 Hrs of 25/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	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-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
TPC-G	Trombay 5	500	19/01/2021	17.24	24/01/2021	01.07	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	22/01/2021	17.20	24/01/2021	22.17	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	24/01/2021	09.45	24/01/2021	13.22	Electrical protection operated.	
TPC_G	Trombay 8	250	24/01/2021	12.20		Continued.	Due to heavy leakage from Deaerator drain valve.	
MSPGCL	Khaparkheda Unit 1	210	24/01/2021	13.36	24/01/2021	15.08	On low air pressure.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 25/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	23/01/2021	18.23	24/01/2021	10.33	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/01/2021	17.51		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	24/01/2021	19.47	24/01/2021	20.29	T	Tripped at Dabhol end only
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	23/01/2021	19.42	24/01/2021	07.33	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	24/01/2021	17.58		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	24/01/2021	20.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
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 II @Babhleshwar	IntraState	23/01/2021	20.25	24/01/2021	03.12	EO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	23/01/2021	20.45	24/01/2021	07.29	HT	Due to heavy sparking.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	24/01/2021	08.35	24/01/2021	15.15	EO	Due to oil leakage.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	24/01/2021	09.09	24/01/2021	18.42	EO	Attending Oil Leakage
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
Ongc Uran - Jnpt	IntraState	20/01/2021	10.20		Continued.	PO	Carrying out OPGW conductor pulling/replacement work between loc no. 26 & 220kv Uran Sstn.
Chandrapur GCR - Sicom II	IntraState	24/01/2021	10.07		Continued.	PO	Dismantling of RCC Structure and erection of new structure of CT
Bombay Dyeing - Sahara	IntraState	24/01/2021	10.26	24/01/2021	19.27	PO	Replacement of polymer Insulator
Koyna (Pophali) - Kdph	IntraState	24/01/2021	14.25		Continued.	T	Distance Protection

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