

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jan/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.142	2787.768	1) Gujrat	0.062	14.400
2) Hydro	19.031	251.234	2) Madhya Pradesh	12.087	206.088
3) Gas	3.350	112.409	3) Chattisgarh	6.460	127.060
Total MSPGCL	171.523	3151.411	4) Maharashtra	143.251	2823.460
B) 1) APML	54.715	667.110	5) Goa (Amona)	-2.430	-22.207
2) JSWEL	16.508	342.904	Total	159.430	3148.801
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.721	383.403
4) RPL(AMT)	27.852	542.661	b) Mumbai Drawl	22.765	393.417
5) WPCL	5.814	152.811	c) MSEDCL Bilateral *	35.136	811.726
6) Other IPP	18.486	350.551	Include PX	5.935	222.400
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.083	380.765
C) 1) TPCL Thermal	5.612	246.816	Include PX	12.026	210.184
2) TPCL Hydro	6.376	79.348	Standby	2.638	2.638
3) TPCL Gas	2.792	45.093	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.000	186.311	1) MSEDCL	442.522	8233.842
D) STATE			2) Mumbai Discoms	49.545	950.987
1) Thermal	290.129	5276.932	TOTAL STATE	492.067	9184.829
(A1+C1+C4+(B1-B6))					
2) Hydro	25.407	330.582			
(A2+C2)					
3) Gas	6.142	157.502			
(A3+B7+C3)					
4) Wind	4.399	154.397			
6) SOLAR	6.560	116.613			
TOTAL STATE	332.637	6036.026			

* 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 3 Hrs
MSPGCL Thermal	6450	6298	6397	5817
MSPGCL Hydro	1558	1442	488	100
MSPGCL Gas	150	130	140	150
MSPGCL Total Generation	8158	7870	7024	6068
Central Sector Receipt	7906	7668	6063	5911
WIND	66	82	296	216
CPP / IPP Thermal	5742	5699	5154	4357
CPP / IPP Gas	0	0	0	0
SOLAR	796	984	0	0
Exchange with Mumbai	-1271	-1230	-1075	-696
MSEDCL DEMAND MET	21398	21072	17462	15856
Load Shedding	0	0	0	0
MSEDCL DEMAND	21398	21072	17462	15856
TPCL GENERATION	719	796	794	342
AEML GENERATION	500	500	500	500
MUMBAI DEMAND	2490	2526	2369	1538
STATE DEMAND MET	23888	23598	19832	17394
STATE DEMAND	23888	23598	19832	17394
Frequency (Hz)	50.02	50.00	50.00	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.83 Hz at 18.49 Hrs	50.01	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 20/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.44	48.72	130	0
Unit 7	2.04	24.88	129	0
Unit 8	10.99	237.53	490	343
Unit 9	12.27	236.54	580	360
Unit 10	10.99	186.39	490	420
Total	38.74	734.06		
Bhusawal				
Unit 3	3.20	41.68	185	12
Unit 4	10.92	189.52	475	450
Unit 5	10.56	119.56	455	395
Total	24.69	350.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	101.56	248	200
Unit 7	5.07	102.09	248	187
Unit 8	5.33	104.36	250	189
Total	15.59	308.02		
Chandrapur				
Unit 3	3.39	76.75	165	115
Unit 4	3.34	56.29	153	131
Unit 5	2.29	142.43	426	0
Unit 6	10.27	171.57	435	393
Unit 7	8.45	153.06	361	342
Unit 8	0.00	0.00	0	0
Unit 9	11.36	223.89	490	460
Total	39.11	823.99		
Paras				
Unit 3	5.88	90.45	250	232
Unit 4	5.87	108.92	253	176
Total	11.75	199.37		
Khaparkheda				
Unit 1	3.32	63.91	160	115
Unit 2	3.76	70.65	165	145
Unit 3	4.57	76.20	195	185
Unit 4	4.28	84.96	195	155
Unit 5	0.00	8.74	0	0
Total	15.91	304.46		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.36	67.12	195	105
Unit 5	0.00	0.00	0	0
Total	3.36	67.12		
Uran				
All Units	3.35	112.41	150	120
Total	3.35	112.41		
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)	0.17	4.42	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	4.42		
Koyna				
Stage 1-2	2.98	59.80	355	40
Stage 4	9.70	100.00	750	0
Stage 3	2.48	34.02	240	0
Total	15.16	193.82		
Hydro				
KDPH	0.44	8.37	19	19
VTRNA	0.41	1.21	23	0
TILLARI	0.46	2.53	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	4.80	40	0
RNGR+BHTSA	0.36	6.74	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	6.85	0	0
SMLHY_PTN	0.15	5.64	7	6
GHATGHAR	1.67	21.28	250	0
Total	3.87	57.42		
Wind				
Total	4.40	154.40	0	0
Total	4.40	154.40		
CPP				
APML(Mus)	54.72	667.11	0	0
JSWEL(Mus)	16.51	342.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.85	542.66	0	0
WPCL(Mus)	5.81	152.81	0	0
Other(Mus)	18.49	350.55	0	0
Total	123.38	2056.04		
SOLAR				
Total	6.56	116.61	0	0
Total	6.56	116.61		
Tata				
Trombay 5	0.00	156.14	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.63	27.21	115	49
Trombay 7B	1.16	17.88	66	39
Trombay 8	5.61	90.67	237	231
TATA Hydro	6.38	79.35	382	18
Total	14.78	371.26		
AEML				
DTPS U-1&2	12.00	186.31	501	499
Total	12.00	186.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.14	2787.77	MSPGCL Total	171.52	3151.41
			MSPGCL Thml+Gas	152.49	2900.18	Koyna 1,2 & 4 Total	12.68	159.80
			MSPGCL Hydro	19.03	251.23	State Total	332.64	6036.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	5732	82	150	5964	306	5075	0	0	6206	6050	-838	16556	0	16556	1727	18284	49.96
2	5785	100	140	6026	229	4531	0	0	6160	6109	-773	16122	0	16122	1619	17740	49.99
3	5817	100	150	6068	216	4357	0	0	6312	5911	-696	15856	0	15856	1538	17394	49.96
4	5812	120	130	6062	172	4447	0	0	6312	6171	-656	16196	0	16196	1499	17696	50.02
5	5953	112	150	6216	146	4528	0	0	6303	6484	-657	16716	0	16716	1499	18216	50.01
6	6094	218	140	6452	125	5016	0	0	6790	6773	-717	17648	0	17648	1569	19218	50.00
7	6315	940	150	7404	187	5508	0	0	6631	6046	-600	18546	0	18546	1662	20208	50.03
8	6365	1456	140	7960	101	5711	0	59	6672	7375	-622	20584	0	20584	1824	22408	49.97
9	6397	1616	150	8164	54	5772	0	316	7085	6941	-888	20358	0	20358	2094	22452	50.02
10	6458	1568	130	8156	45	5769	0	631	7334	7557	-1107	21050	0	21050	2329	23380	50.00
11	6450	1558	150	8158	66	5742	0	796	7960	7906	-1271	21398	0	21398	2490	23888	50.02
12	6310	1502	130	7942	64	5670	0	976	8152	7738	-1240	21150	0	21150	2537	23688	50.01
13	6298	1442	130	7870	82	5699	0	984	7666	7668	-1230	21072	0	21072	2526	23598	50.00
14	6187	1078	120	7384	139	5608	0	940	7699	7700	-1158	20614	0	20614	2405	23018	50.06
15	6137	988	140	7264	246	5521	0	802	8148	7811	-1199	20446	0	20446	2402	22848	50.04
16	6147	1154	130	7432	329	5271	0	620	7907	7682	-1191	20142	0	20142	2402	22544	50.00
17	6143	1336	130	7610	284	5247	0	353	6905	6686	-1174	19006	0	19006	2397	21402	50.01
18	6254	946	140	7340	244	5398	0	83	6394	6092	-1107	18050	0	18050	2349	20400	50.03
19	6397	488	140	7024	296	5154	0	0	6343	6063	-1075	17462	0	17462	2369	19832	50.00
20	6425	664	130	7220	283	4970	0	0	5758	5880	-1060	17292	0	17292	2353	19646	50.00
21	6507	388	140	7034	239	4864	0	0	5629	5303	-934	16506	0	16506	2219	18726	50.04
22	6499	396	140	7036	196	4416	0	0	5649	5459	-841	16266	0	16266	2065	18330	49.98
23	6352	386	150	6888	198	4470	0	0	5783	5879	-871	16564	0	16564	1899	18464	50.00
24	6308	392	150	6850	152	4631	0	0	5819	6146	-860	16918	0	16918	1772	18690	49.99
MUs	149.14	19.03	3.35	171.52	4.40	123.37	0.00	6.56	161.62	159.43	-22.76	442.52	0.00	442.52	49.55	492.07	50.01

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 20/Jan/2021

Position as on 6.30 Hrs of 21/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	Khaparkhedda 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)	
MSPGCL	Bhusawal Unit 3	210	15/01/2021	21.59	20/01/2021	00.17	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	16/01/2021	08.11	20/01/2021	03.50	Zero Schedule.	
MSPGCL	Koradi Unit 6	210	16/01/2021	11.34	20/01/2021	02.35	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	16/01/2021	15.20	20/01/2021	17.05	Boiler Tube Leakage	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Uran Unit 5	108	19/01/2021	13.38	21/01/2021	01.24	Gas shortage	
TPC-G	Trombay 5	500	19/01/2021	17.24		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-4	135	20/01/2021	00.00		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 4	210	21/01/2021	04.58		Continued.	Air pre-heater problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 21/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	18/01/2021	19.07	20/01/2021	10.23	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/01/2021	18.02		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
Koradi 2-IEPL	IntraState	20/01/2021	07.38		Continued.	PO	Refixing of missing & tightening of loose jumper, hardware and nut bolts at various locations.
Dhule- Bableshtar - I	IntraState	20/01/2021	20.08		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
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	19/01/2021	09.26		Continued.	PO	Replacement of LV Side Old Copper Isolator Clamp
400/220kv 315 Mva ICT III @Karad	IntraState	20/01/2021	17.14	20/01/2021	18.51	EO	Attending hot spot at B phase breaker bottom palm towards isolator side.
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
Trombay - Mulund	IntraState	16/01/2021	07.53	20/01/2021	12.46	PO	Work of tower erection at newly proposed in-line location no. 57X (Inside BARC area for shifting of 220KV Mulund-Trombay line & Kalwa-Trombay line infringing Metro line 2B of MMRDA.
BHIRA (T) - KARANJADE CKT - 7	IntraState	17/01/2021	07.31		Continued.	PO	For DMRC Work.
Khaparkheda-Kalmeshwar	IntraState	20/01/2021	08.14	20/01/2021	12.01	PO	Replacement of flashover string at loc no. 7 & repair of damage conductor.
Chinchwad-Hinjewadi I	IntraState	20/01/2021	08.51	20/01/2021	16.43	EO	Control Urse line loading.
Hamidwada-Mumewadi	IntraState	20/01/2021	09.08	20/01/2021	11.23	PO	Insulator cleaning work.
chandrapur-Tadali	IntraState	20/01/2021	09.38	20/01/2021	18.59	PO	Work carried out at Loc.no. 1/0 & 3/0 :- a)fixing of jumper missing n&b. b)tightening of jumper n&b. c)tightening of tower n&b. d)suspension clamp of pilot string.
Khaparkheda-Kanhan	IntraState	20/01/2021	10.04	20/01/2021	15.46	PO	Diagnostic testing.
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.
Bhugaon- Wardha	IntraState	20/01/2021	12.01	20/01/2021	14.40	PO	Testing of lbb scheme for taking external lbb in

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 20/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 21/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Warora - Wardha	IntraState	20/01/2021	14.50	20/01/2021	16.28	PO	service since bus bar kept out of service post occurrence, busbar operated on dt. 11.01.2021.
							Testing of lbb scheme for taking external lbb in service since bus bar kept out of service post occurrence, busbar operated on dt. 11.01.2021
PARANDA BARSHI	IntraState	20/01/2021	15.25	20/01/2021	16.21	PO	Outage is Required for Timing testing of circuit breaker.
220 KV ICT Outages/Trippings							
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-li (Mudshingi)	IntraState	20/01/2021	08.00	20/01/2021	17.00	PO	OLTC Overhauling work.
220/33kv 100 MVA Transformer 3 @Aarey R/S	IntraState	20/01/2021	10.36	21/01/2021	03.49	PO	1. Installation & Commissioning of N2FF System. 2. Annual maintenance of Transformer, NGT & Bay Equipments.
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	20/01/2021	11.12	20/01/2021	18.08	PO	Diagnostic testing work.
200/132KV 100MVA ICT-1@Butibori	IntraState	20/01/2021	11.49	20/01/2021	17.48	PO	Attending oil leakage work.
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	20/01/2021	11.56	20/01/2021	17.16	PO	Diagnostic testing work.