

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jan/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.698	2638.626	1) Gujrat	0.924	14.338
2) Hydro	18.615	232.203	2) Madhya Pradesh	13.042	194.001
3) Gas	5.110	109.059	3) Chattisgarh	6.570	120.600
Total MSPGCL	159.423	2979.888	4) Maharashtra	133.900	2680.209
B) 1) APMIL	55.770	612.395	5) Goa (Amona)	-1.572	-19.777
2) JSWEL	18.069	326.396	Total	152.864	2989.371
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.131	360.682
4) RPL(AMT)	28.812	514.809	b) Mumbai Drawl	19.024	370.652
5) WPCL	8.072	146.997	c) MSEDCL Bilateral *	35.981	776.590
6) Other IPP	18.142	332.065	Include PX	5.842	216.466
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.131	360.682
C) 1) TPCL Thermal	11.786	241.204	Include PX	10.225	198.158
2) TPCL Hydro	4.703	72.972	Standby	0.000	0.000
3) TPCL Gas	3.309	42.301	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.638	174.311	1) MSEDCL	436.431	7791.320
D) STATE			2) Mumbai Discoms	49.460	901.442
1) Thermal	286.987	4986.803	TOTAL STATE	485.891	8692.762
(A1+C1+C4+(B1-B6))					
2) Hydro	23.318	305.175			
(A2+C2)					
3) Gas	8.419	151.360			
(A3+B7+C3)					
4) Wind	7.924	149.998			
6) SOLAR	6.379	110.053			
TOTAL STATE	333.027	5703.389			

* 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 4 Hrs
MSPGCL Thermal	5576	5650	5822	5106
MSPGCL Hydro	1952	1790	580	100
MSPGCL Gas	230	206	130	292
MSPGCL Total Generation	7758	7646	6532	5498
Central Sector Receipt	7569	7276	5991	5644
WIND	84	62	387	514
CPP / IPP Thermal	5835	5857	5812	4445
CPP / IPP Gas	0	0	0	0
SOLAR	979	962	3	0
Exchange with Mumbai	-919	-941	-1181	-552
MSEDCL DEMAND MET	21306	20862	17544	15548
Load Shedding	0	0	0	0
MSEDCL DEMAND	21306	20862	17544	15548
TPCL GENERATION	1115	1070	705	602
AEML GENERATION	500	500	502	284
MUMBAI DEMAND	2534	2511	2388	1438
STATE DEMAND MET	23840	23372	19932	16986
STATE DEMAND	23840	23372	19932	16986
Frequency (Hz)	50.02	50.05	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 14.04 Hrs	49.75 Hz at 03.19 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 19/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	11.05	226.54	495	418
Unit 9	11.05	224.27	525	392
Unit 10	10.79	175.39	480	335
Total	32.89	695.32		
Bhusawal				
Unit 3	0.00	38.48	0	0
Unit 4	10.76	178.60	475	410
Unit 5	10.70	108.99	460	425
Total	21.46	326.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	96.36	250	195
Unit 7	5.42	97.02	249	198
Unit 8	5.40	99.04	249	200
Total	16.22	292.42		
Chandrapur				
Unit 3	3.76	73.36	171	115
Unit 4	3.54	52.95	160	121
Unit 5	0.00	140.14	0	0
Unit 6	9.87	161.29	435	290
Unit 7	8.58	144.61	380	290
Unit 8	0.00	0.00	0	0
Unit 9	11.14	212.53	475	455
Total	36.89	784.88		
Paras				
Unit 3	4.80	84.58	254	144
Unit 4	4.63	103.04	254	65
Total	9.42	187.62		
Khaparkheda				
Unit 1	3.32	60.60	155	120
Unit 2	3.74	66.90	165	115
Unit 3	4.46	71.64	195	140
Unit 4	3.48	80.68	185	0
Unit 5	0.00	8.74	0	0
Total	15.01	288.55		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.81	63.76	198	124
Unit 5	0.00	0.00	0	0
Total	3.81	63.76		
Uran				
All Units	5.11	109.06	293	130
Total	5.11	109.06		
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)	0.18	4.25	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	4.25		
Koyna				
Stage 1-2	4.75	56.82	575	40
Stage 4	7.68	90.30	750	0
Stage 3	2.70	31.53	240	0
Total	15.13	178.66		
Hydro				
KDPH	0.44	7.92	19	19
VTRNA	0.24	0.80	61	0
TILLARI	0.52	2.07	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.43	40	0
RNGR+BHTSA	0.36	6.37	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	6.85	16	15
SMLHY_PTN	0.14	5.49	6	5
GHATGHAR	1.27	19.61	250	0
Total	3.48	53.55		
Wind				
Total	7.92	150.00	0	0
Total	7.92	150.00		
CPP				
APML(Mus)	55.77	612.40	0	0
JSWEL(Mus)	18.07	326.40	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.81	514.81	0	0
WPCL(Mus)	8.07	147.00	0	0
Other(Mus)	18.14	332.06	0	0
Total	128.86	1932.66		
SOLAR				
Total	6.38	110.05	0	0
Total	6.38	110.05		
Tata				
Trombay 5	6.78	156.14	473	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	25.58	117	49
Trombay 7B	1.30	16.72	67	40
Trombay 8	5.01	85.06	239	138
TATA Hydro	4.70	72.97	380	0
Total	19.80	356.48		
AEML				
DTPS U-1&2	10.64	174.31	502	283
Total	10.64	174.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.70	2638.63	MSPGCL Total	159.42	2979.89
			MSPGCL Thml+Gas	140.81	2747.68	Koyna 1,2 & 4 Total	12.43	147.12
			MSPGCL Hydro	18.62	232.20	State Total	333.03	5703.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5389	104	292	5786	539	4917	0	0	5757	5469	-718	15992	0	15992	1651	17644	50.00
2	5460	94	281	5836	539	4577	0	0	5888	5436	-642	15746	0	15746	1550	17296	50.00
3	5180	110	291	5580	544	4478	0	0	5946	5513	-594	15522	0	15522	1481	17002	49.96
4	5106	100	292	5498	514	4445	0	0	5971	5644	-552	15548	0	15548	1438	16986	49.97
5	5344	94	293	5732	484	4412	0	0	5998	6095	-561	16162	0	16162	1446	17608	49.97
6	5679	110	292	6080	529	4749	0	0	6384	6069	-596	16832	0	16832	1520	18352	49.98
7	5879	208	293	6380	503	5334	0	0	6729	6450	-412	18254	0	18254	1635	19890	50.01
8	5914	1120	282	7316	477	5709	0	56	6591	6538	-383	19714	0	19714	1814	21528	49.91
9	5840	1358	292	7490	278	5799	0	323	6481	6383	-637	19636	0	19636	2077	21712	49.99
10	5792	1824	290	7906	166	5813	0	647	6713	6798	-754	20576	0	20576	2318	22894	49.96
11	5715	1946	279	7940	93	5805	0	899	7094	7411	-890	21258	0	21258	2480	23738	49.95
12	5576	1952	230	7758	84	5835	0	979	7315	7569	-919	21306	0	21306	2534	23840	50.02
13	5650	1790	206	7646	62	5857	0	962	7400	7276	-941	20862	0	20862	2511	23372	50.05
14	5727	1058	147	6932	95	5751	0	858	7786	7604	-826	20414	0	20414	2408	22822	50.06
15	5679	1020	130	6828	150	5713	0	737	7912	7709	-825	20312	0	20312	2415	22728	50.03
16	5630	1180	130	6940	190	5751	0	545	7760	7768	-840	20354	0	20354	2414	22768	49.98
17	5718	1340	130	7188	191	5809	0	304	6880	6668	-838	19322	0	19322	2408	21730	49.97
18	5730	1140	140	7010	218	5834	0	66	6309	6362	-1069	18420	0	18420	2364	20784	49.98
19	5822	580	130	6532	387	5812	0	3	6197	5991	-1181	17544	0	17544	2388	19932	49.95
20	5824	432	130	6386	556	5837	0	0	6239	5690	-1186	17282	0	17282	2391	19674	50.00
21	5748	320	140	6208	488	5310	0	0	5771	5378	-1060	16324	0	16324	2267	18590	50.01
22	5763	322	140	6226	329	5026	0	0	5711	5603	-922	16262	0	16262	2127	18388	50.01
23	5742	240	150	6132	253	5053	0	0	5758	5756	-817	16376	0	16376	1980	18356	49.97
24	5791	176	130	6098	255	5239	0	0	5857	5684	-861	16414	0	16414	1843	18258	49.98
MUs	135.70	18.61	5.11	159.42	7.92	128.86	0.00	6.38	156.45	152.86	-19.02	436.43	0.00	436.43	49.46	485.89	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 19/Jan/2021

Position as on 6.30 Hrs of 20/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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	18/01/2021	20.41	19/01/2021	00.20	Furnace Pressure High	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Khaparkhedha Unit 4	210	19/01/2021	08.29	19/01/2021	10.56	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	19/01/2021	13.38		Continued.	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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 19/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 20/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/Tripping							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Padgha Tarapur I	InterState	18/01/2021	09.32	19/01/2021	02.36	PO	Line AMP Work by Boisar TLM
Dhule Sar'Sarovar II	InterState	18/01/2021	19.07		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	19/01/2021	09.13	19/01/2021	21.13	PO	For Line AMP works
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	18/01/2021	19.26	19/01/2021	06.28	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	18/01/2021	20.16	19/01/2021	06.28	HT	Over Voltage
400 KV ICT Outages/Tripping							
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	18/01/2021	22.57	19/01/2021	02.27	PO	Attending Hot Spot
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	19/01/2021	09.26		Continued.	PO	Replacement of LV Side Old Copper Isolator Clamp
220 KV LINE Outages/Tripping							
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
BHIRA (T) - KARANJADE CKT - 7	IntraState	17/01/2021	07.31		Continued.	PO	For DMRC Work.
Trombay - Kalwa	IntraState	19/01/2021	07.20	19/01/2021	18.49	PO	Tower Erection Work.
Talandage - Sawantwadi I	IntraState	19/01/2021	08.51	19/01/2021	17.35	PO	Annual Maintenance Work
Sawantwadi-Bidri	IntraState	19/01/2021	09.10	19/01/2021	17.43	PO	Annual Maintenance Work
Miraj - Mhaishal	IntraState	19/01/2021	09.27	19/01/2021	20.12	PO	Double jumpering work at cut point
Badnera - Amravati	IntraState	19/01/2021	09.30	19/01/2021	15.20	PO	Testing Work
Abhijeet-Wardha-I	IntraState	19/01/2021	09.55	19/01/2021	19.19	PO	Line Maintenance work
Khaparkhedha-Ambazari-I	IntraState	19/01/2021	10.10	19/01/2021	16.18	PO	Testing Work
Chandrapur(MIDC)-Ballarshah I	IntraState	19/01/2021	10.20	19/01/2021	19.39	PO	Tightening of Jumper Nut Bolt
Uran - Apta II	IntraState	19/01/2021	10.45	19/01/2021	12.45	EO	22KV FDR bellow line
Boisar Versova Line	IntraState	19/01/2021	11.42	19/01/2021	14.02	PO	Replacement of abnormal Polymer Insulators
Ghodbunder - Versova	IntraState	19/01/2021	14.28	19/01/2021	16.38	PO	Replacement of abnormal Polymer Insulators
Oni Kharepatan Line	IntraState	19/01/2021	14.32	19/01/2021	15.37	PO	Replacement of SF6 Gas in B Phase Line Circuit Breaker
Hingoli- Girawali	IntraState	19/01/2021	16.45	19/01/2021	22.08	T	Distance Protection
220 KV ICT Outages/Tripping							
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-Ii (Mudshingi)	IntraState	19/01/2021	08.40	19/01/2021	19.20	PO	OLTC overhauling work
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	19/01/2021	09.25	19/01/2021	11.50	PO	Replacement of R Phase Bushing
220/33kv 125 MVA Transformer 5	IntraState	19/01/2021	14.36	19/01/2021	15.52	PO	Air venting of Transformer after oil

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 19/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 20/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Aarey R/S							filtration