

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jan/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.471	2502.928	1) Gujrat	-1.513	13.414
2) Hydro	17.911	213.588	2) Madhya Pradesh	10.786	180.959
3) Gas	6.775	103.949	3) Chattisgarh	6.270	114.030
Total MSPGCL	153.157	2820.465	4) Maharashtra	136.981	2546.309
B) 1) APMIL	53.839	556.625	5) Goa (Amona)	-1.382	-18.205
2) JSWEL	16.423	308.327	Total	151.142	2836.507
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.729	341.551
4) RPL(AMT)	28.000	485.997	b) Mumbai Drawl	17.934	351.628
5) WPCL	7.826	138.925	c) MSEDCL Bilateral *	33.448	740.609
6) Other IPP	18.123	313.923	Include PX	3.828	210.624
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.729	341.551
C) 1) TPCL Thermal	13.540	229.418	Include PX	9.218	187.932
2) TPCL Hydro	3.489	68.269	Standby	0.000	0.000
3) TPCL Gas	4.295	38.992	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.414	163.673	1) MSEDCL	426.798	7354.889
D) STATE			2) Mumbai Discoms	48.672	851.982
1) Thermal	275.636	4699.816	TOTAL STATE	475.470	8206.871
(A1+C1+C4+(B1-B6))					
2) Hydro	21.400	281.857			
(A2+C2)					
3) Gas	11.070	142.941			
(A3+B7+C3)					
4) Wind	10.160	142.074			
6) SOLAR	6.062	103.674			
TOTAL STATE	324.328	5370.362			

* 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	5621	5558	5423	4358
MSPGCL Hydro	1834	1744	434	258
MSPGCL Gas	268	276	278	282
MSPGCL Total Generation	7722	7578	6136	4898
Central Sector Receipt	7239	7087	5884	5616
WIND	213	144	359	680
CPP / IPP Thermal	5774	5713	5572	4380
CPP / IPP Gas	0	0	0	0
SOLAR	886	928	0	0
Exchange with Mumbai	-851	-831	-920	-532
MSEDCL DEMAND MET	20984	20618	17030	15042
Load Shedding	0	0	0	0
MSEDCL DEMAND	20984	20618	17030	15042
TPCL GENERATION	1175	1151	1031	600
AEML GENERATION	500	500	391	283
MUMBAI DEMAND	2526	2482	2342	1415
STATE DEMAND MET	23510	23100	19372	16458
STATE DEMAND	23510	23100	19372	16458
Frequency (Hz)	49.95	49.90	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 18:00 Hrs	49.77 Hz at 12:48 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 18/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	10.56	215.49	532	368
Unit 9	9.58	213.22	520	330
Unit 10	9.40	164.60	500	300
Total	29.55	662.43		
Bhusawal				
Unit 3	0.00	38.48	0	0
Unit 4	10.32	167.84	480	285
Unit 5	10.36	98.29	475	285
Total	20.68	304.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.30	90.96	246	195
Unit 7	5.37	91.61	249	190
Unit 8	5.29	93.63	245	185
Total	15.96	276.20		
Chandrapur				
Unit 3	3.79	69.60	172	121
Unit 4	3.58	49.42	162	122
Unit 5	0.00	140.14	0	0
Unit 6	9.50	151.42	435	285
Unit 7	8.30	136.02	370	290
Unit 8	0.00	0.00	0	0
Unit 9	10.21	201.40	495	265
Total	35.38	747.98		
Paras				
Unit 3	4.53	79.78	250	148
Unit 4	3.61	98.42	240	0
Total	8.14	178.20		
Khaparkheda				
Unit 1	3.12	57.28	160	115
Unit 2	3.78	63.15	180	115
Unit 3	4.10	67.17	190	130
Unit 4	4.25	77.20	200	130
Unit 5	0.00	8.74	0	0
Total	15.24	273.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.51	59.96	189	125
Unit 5	0.00	0.00	0	0
Total	3.51	59.96		
Uran				
All Units	6.78	103.95	293	256
Total	6.78	103.95		
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)	0.13	4.06	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	4.06		
Koyna				
Stage 1-2	4.94	52.08	515	40
Stage 4	6.33	82.62	750	0
Stage 3	2.59	28.83	296	0
Total	13.87	163.53		
Hydro				
KDPH	0.44	7.48	19	19
VTRNA	0.36	0.57	60	0
TILLARI	0.52	1.55	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.27	40	0
RNGR+BHTSA	0.36	6.01	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	6.49	16	15
SMLHY_PTN	0.29	5.35	13	12
GHATGHAR	1.55	18.34	250	0
Total	4.04	50.06		
Wind				
Total	10.16	142.07	0	0
Total	10.16	142.07		
CPP				
APML(Mus)	53.84	556.62	0	0
JSWEL(Mus)	16.42	308.33	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.00	486.00	0	0
WPCL(Mus)	7.83	138.92	0	0
Other(Mus)	18.12	313.92	0	0
Total	124.21	1803.80		
SOLAR				
Total	6.06	103.67	0	0
Total	6.06	103.67		
Tata				
Trombay 5	9.01	149.36	472	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	23.57	117	109
Trombay 7B	1.58	15.42	67	64
Trombay 8	4.53	80.05	240	137
TATA Hydro	3.49	68.27	291	0
Total	21.32	336.68		
AEML				
DTPS U-1&2	9.41	163.67	501	283
Total	9.41	163.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.47	2502.93	MSPGCL Total	153.16	2820.46
			MSPGCL Thml+Gas	135.25	2606.88	Koyna 1,2 & 4 Total	11.27	134.70
			MSPGCL Hydro	17.91	213.59	State Total	324.33	5370.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4913	166	292	5370	673	4428	0	0	5591	5405	-671	15205	0	15205	1609	16814	49.97
2	4857	160	293	5310	682	4431	0	0	5639	5373	-617	15180	0	15180	1516	16696	50.02
3	4419	164	292	4874	787	4392	0	0	5662	5587	-562	15078	0	15078	1446	16524	50.00
4	4358	258	282	4898	680	4380	0	0	5653	5616	-532	15042	0	15042	1415	16458	49.98
5	4933	170	292	5394	667	4394	0	0	5758	5644	-540	15560	0	15560	1422	16982	49.99
6	5612	120	292	6024	623	4463	0	0	6055	6309	-593	16826	0	16826	1504	18330	49.99
7	5851	394	292	6538	588	5206	0	0	6321	6299	-482	18148	0	18148	1616	19764	49.97
8	5840	922	293	7054	573	5701	0	50	6248	6047	-387	19038	0	19038	1807	20846	50.03
9	5902	1332	292	7526	436	5766	0	304	6391	6614	-612	20034	0	20034	2075	22108	50.02
10	5831	1488	280	7600	310	5846	0	550	6659	6733	-739	20300	0	20300	2333	22632	49.95
11	5730	1718	290	7738	268	5816	0	773	6821	7220	-885	20930	0	20930	2487	23418	49.98
12	5621	1834	268	7722	213	5774	0	886	6946	7239	-851	20984	0	20984	2526	23510	49.95
13	5558	1744	276	7578	144	5713	0	928	6971	7087	-831	20618	0	20618	2482	23100	49.90
14	5488	1198	266	6952	87	5612	0	893	7272	7655	-771	20428	0	20428	2388	22816	49.98
15	5507	1226	266	7000	77	5590	0	727	7154	7634	-716	20312	0	20312	2380	22692	49.96
16	5488	1244	276	7008	67	5607	0	560	7709	7686	-742	20186	0	20186	2379	22564	50.01
17	5486	1160	256	6902	90	5636	0	311	6974	6740	-715	18964	0	18964	2362	21326	49.96
18	5517	994	278	6790	192	5662	0	80	6237	6229	-707	18246	0	18246	2337	20582	50.03
19	5423	434	278	6136	359	5572	0	0	6195	5884	-920	17030	0	17030	2342	19372	49.98
20	5256	464	279	6000	490	5402	0	0	6068	5744	-1197	16438	0	16438	2305	18744	50.01
21	5280	284	290	5854	572	4973	0	0	5652	5421	-1119	15702	0	15702	2201	17902	50.03
22	5170	200	271	5642	580	4570	0	0	5714	5883	-978	15696	0	15696	2060	17756	50.01
23	5200	132	290	5622	472	4630	0	0	5776	5461	-904	15282	0	15282	1907	17188	50.01
24	5231	102	291	5624	530	4648	0	0	5827	5632	-863	15572	0	15572	1773	17344	50.00
MUs	128.47	17.91	6.77	153.16	10.16	124.21	0.00	6.06	151.29	151.14	-17.93	426.80	0.00	426.80	48.67	475.47	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 18/Jan/2021

Position as on 6.30 Hrs of 19/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	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 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)	
IPP	Adani U-1	660	16/12/2020	10.58	18/01/2021	17.26	Withdrawal For RSD.	
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.	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 19/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 I	InterState	17/01/2021	19.46	18/01/2021	09.02	HT	Over Voltage
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
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
New Koyna - Dabhol-I	IntraState	17/01/2021	11.53	18/01/2021	09.40	PO	Cold Washing & Routine Maintenance Work.(REC 20.53)
Bhusawal-Aurangabad	IntraState	17/01/2021	19.23	18/01/2021	08.02	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	18/01/2021	00.37	18/01/2021	09.22	HT	Over Voltage
Taptitanda Waluj	IntraState	18/01/2021	10.21	18/01/2021	17.25	EO	Annual Maintenance Work
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/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	18/01/2021	00.29	18/01/2021	14.10	PO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	18/01/2021	22.57	19/01/2021	02.27	PO	Attending Hot Spot
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
BHIRA (T) - KARANJADE CKT - 7	IntraState	17/01/2021	07.31		Continued.	PO	For DMRC Work.
Main Bus Section-I@ Pedambe	IntraState	18/01/2021	06.50	18/01/2021	16.30	PO	Annual Maintenance Work
Nagothane - MSL	IntraState	18/01/2021	09.22	18/01/2021	14.05	PO	Replace the faulty Metering PT
Trombay - Kalwa	IntraState	18/01/2021	10.09	18/01/2021	18.53	PO	Tower Erection work
Alkud Miraj	IntraState	18/01/2021	13.22	18/01/2021	22.58	PO	Stringing of 220kv Tilwani-Miraj ckt-II
Miraj - Mhaishal	IntraState	18/01/2021	13.28	18/01/2021	22.46	PO	Jumpering work
Trombay - Kalwa	IntraState	19/01/2021	07.20		Continued.	PO	Tower Erection Work.
220 KV ICT Outages/Trippings							
220/132KV 200MVA ICT II @Kurkumb	IntraState	18/01/2021	10.35	18/01/2021	16.50	PO	Diagnostic Testing work
220/33kv 50mva Imp Ptr 3 @Wathar	IntraState	18/01/2021	10.40	18/01/2021	17.08	PO	Quarterly Maintanance Work

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