

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.998	1052.806	1) Gujrat	-0.048	18.628
2) Hydro	10.574	98.633	2) Madhya Pradesh	11.129	75.249
3) Gas	3.143	39.658	3) Chattisgarh	6.290	52.500
Total MSPGCL	148.715	1191.097	4) Maharashtra	136.260	1150.880
B) 1) APMIL	25.534	201.585	5) Goa (Amona)	-1.411	-8.307
2) JSWEL	17.382	141.790	Total	152.220	1288.950
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.706	143.264
4) RPL(AMT)	26.020	223.436	b) Mumbai Drawl	20.144	146.132
5) WPCL	7.123	63.107	c) MSEDCL Bilateral *	41.974	389.349
6) Other IPP	17.551	141.755	Include PX	13.053	154.899
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.706	143.264
C) 1) TPCL Thermal	13.370	105.823	Include PX	10.177	71.436
2) TPCL Hydro	4.588	33.398	Standby	0.000	0.000
3) TPCL Gas	1.390	4.771	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.078	76.939	1) MSEDCL	384.858	3215.796
D) STATE			2) Mumbai Discoms	48.572	367.065
1) Thermal	251.056	2007.241	TOTAL STATE	433.430	3582.861
(A1+C1+C4+(B1-B6))					
2) Hydro	15.162	132.031			
(A2+C2)					
3) Gas	4.533	44.429			
(A3+B7+C3)					
4) Wind	6.385	70.838			
6) SOLAR	4.072	39.370			
TOTAL STATE	281.208	2293.909			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6045	5978	5739	4448
MSPGCL Hydro	916	232	420	112
MSPGCL Gas	140	140	130	150
MSPGCL Total Generation	7102	6350	6288	4710
Central Sector Receipt	7210	7665	6207	5553
WIND	275	153	170	508
CPP / IPP Thermal	4499	4347	4051	3501
CPP / IPP Gas	0	0	0	0
SOLAR	509	710	0	0
Exchange with Mumbai	-964	-1064	-850	-754
MSEDCL DEMAND MET	18630	18160	15866	13518
Load Shedding	0	0	0	0
MSEDCL DEMAND	18630	18160	15866	13518
TPCL GENERATION	1042	1060	1009	419
AEML GENERATION	499	393	463	284
MUMBAI DEMAND	2505	2517	2322	1457
STATE DEMAND MET	21136	20678	18188	14974
STATE DEMAND	21136	20678	18188	14974
Frequency (Hz)	50.01	50.00	50.04	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.79 Hz at 04.12 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 08/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.90	22.68	145	110
Unit 7	0.87	17.25	116	0
Unit 8	11.57	99.79	529	378
Unit 9	12.44	98.21	545	375
Unit 10	11.69	45.11	600	370
Total	39.47	283.04		
Bhusawal				
Unit 3	3.63	17.45	180	125
Unit 4	10.28	62.14	475	285
Unit 5	0.00	0.00	0	0
Total	13.92	79.59		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.68	39.12	250	160
Unit 7	4.62	40.37	249	162
Unit 8	4.95	41.83	250	170
Total	14.25	121.32		
Chandrapur				
Unit 3	3.75	31.88	177	122
Unit 4	3.09	29.69	155	126
Unit 5	9.02	71.64	425	275
Unit 6	9.14	57.65	420	280
Unit 7	7.36	58.90	331	268
Unit 8	0.00	0.00	0	0
Unit 9	11.41	92.50	493	335
Total	43.77	342.25		
Paras				
Unit 3	0.00	29.86	0	0
Unit 4	5.60	45.88	250	162
Total	5.60	75.74		
Khaparkheda				
Unit 1	3.34	24.78	155	115
Unit 2	3.84	30.70	185	115
Unit 3	3.35	24.48	190	120
Unit 4	4.05	34.78	195	130
Unit 5	0.00	8.74	0	0
Total	14.59	123.48		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.41	27.39	197	125
Unit 5	0.00	0.00	0	0
Total	3.41	27.39		
Uran				
All Units	3.14	39.66	150	0
Total	3.14	39.66		
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)	0.26	2.83	22	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	2.83		
Koyna				
Stage 1-2	2.26	24.81	460	40
Stage 4	4.84	39.04	767	0
Stage 3	1.64	13.61	160	0
Total	8.75	77.46		
Hydro				
KDPH	0.44	3.55	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	2.27	40	0
RNGR+BHTSA	0.36	2.88	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	2.88	15	14
SMLHY_PTN	0.30	1.85	13	12
GHATGHAR	0.00	7.74	0	0
Total	1.82	21.17		
Wind				
Total	6.38	70.84	0	0
Total	6.38	70.84		
CPP				
APML(Mus)	25.53	201.58	0	0
JSWEL(Mus)	17.38	141.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.02	223.44	0	0
WPCL(Mus)	7.12	63.11	0	0
Other(Mus)	17.55	141.76	0	0
Total	93.61	771.67		
SOLAR				
Total	4.07	39.37	0	0
Total	4.07	39.37		
Tata				
Trombay 5	8.85	69.96	474	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.05	2.93	110	0
Trombay 7B	0.34	1.84	57	0
Trombay 8	4.52	35.87	234	138
TATA Hydro	4.59	33.40	412	0
Total	19.35	143.99		
AEML				
DTPS U-1&2	9.08	76.94	501	282
Total	9.08	76.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.00	1052.81	MSPGCL Total	148.72	1191.10
			MSPGCL Thml+Gas	138.14	1092.46	Koyna 1,2 & 4 Total	7.11	63.86
			MSPGCL Hydro	10.57	98.63	State Total	281.21	2293.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5256	112	140	5508	558	3505	0	0	5635	5460	-903	14128	0	14128	1623	15750	50.01
2	4887	106	130	5124	491	3500	0	0	5745	5283	-806	13592	0	13592	1517	15108	49.94
3	4448	112	150	4710	508	3501	0	0	5747	5553	-754	13518	0	13518	1457	14974	49.91
4	4535	112	130	4776	494	3500	0	0	5559	5649	-720	13700	0	13700	1422	15122	49.98
5	5118	122	150	5390	408	3483	0	0	5523	5522	-702	14100	0	14100	1428	15528	49.90
6	5785	110	150	6046	281	3700	0	0	6070	5863	-753	15136	0	15136	1509	16646	49.93
7	5954	106	130	6190	332	3992	0	2	6840	6284	-642	16158	0	16158	1639	17798	49.99
8	6042	304	150	6496	330	4251	0	52	6838	6823	-548	17404	0	17404	1814	19218	49.96
9	6130	944	140	7214	284	4456	0	153	6297	6345	-710	17742	0	17742	2084	19826	49.97
10	6121	1228	140	7488	297	4534	0	299	6589	6869	-856	18632	0	18632	2350	20982	49.99
11	6045	916	140	7102	275	4499	0	509	7319	7210	-964	18630	0	18630	2505	21136	50.01
12	6074	386	140	6600	206	4480	0	600	7609	7644	-972	18558	0	18558	2548	21106	50.04
13	5978	232	140	6350	153	4347	0	710	7725	7665	-1064	18160	0	18160	2517	20678	50.00
14	5846	314	140	6300	94	4064	0	608	7648	7771	-1070	17766	0	17766	2353	20120	50.05
15	5756	564	130	6450	77	3991	0	567	7639	7589	-1072	17602	0	17602	2306	19908	50.03
16	5628	676	150	6454	84	3591	0	408	7867	7144	-741	16940	0	16940	2318	19258	50.02
17	5482	938	130	6550	62	3465	0	134	7024	6886	-701	16396	0	16396	2301	18696	50.02
18	5743	1042	140	6926	82	3858	0	29	5893	6180	-707	16368	0	16368	2292	18660	50.06
19	5776	792	140	6708	95	4067	0	1	5910	5677	-787	15762	0	15762	2349	18110	49.99
20	5739	420	130	6288	170	4051	0	0	6059	6207	-850	15866	0	15866	2322	18188	50.04
21	5710	276	150	6136	171	3758	0	0	5986	6013	-1031	15046	0	15046	2186	17232	50.01
22	5635	260	135	6030	227	3748	0	0	5470	5733	-946	14792	0	14792	2054	16846	50.02
23	5659	270	68	5998	342	3640	0	0	5563	5465	-940	14504	0	14504	1899	16404	50.02
24	5651	232	0	5884	364	3629	0	0	5586	5385	-905	14356	0	14356	1777	16134	50.02
MUs	135.00	10.57	3.14	148.72	6.39	93.61	0.00	4.07	154.14	152.22	-20.14	384.86	0.00	384.86	48.57	433.43	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 08/Jan/2021

Position as on 6.30 Hrs of 09/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 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.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
TPC-G	Trombay 7B	60	02/01/2021	14.06	08/01/2021	17.11	Gas shortage	
TPC-G	Trombay 7A	120	02/01/2021	14.27	08/01/2021	12.11	Gas shortage	
MSPGCL	Uran Unit 5	108	04/01/2021	22.02	08/01/2021	21.46	Gas shortage	
MSPGCL	Paras Unit 3	250	06/01/2021	12.07		Continued.	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	08/01/2021	09.48		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	08/01/2021	20.43		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	08/01/2021	22.24		Continued.	Boiler protection operated.	
MSPGCL	Uran Unit 6	108	08/01/2021	22.24	09/01/2021	02.03	Boiler protection operated.	
MSPGCL	Uran Unit A0	120	08/01/2021	22.24	09/01/2021	05.52	Boiler protection operated.	
AEML	AEML Unit 1	250	09/01/2021	00.47		Continued.	Boiler License Renewal.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 09/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	07/01/2021	17.44	08/01/2021	07.27	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/01/2021	16.11		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
Karad - Jaigad - II	IntraState	06/01/2021	21.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/01/2021	22.30	08/01/2021	09.14	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	07/01/2021	22.33	08/01/2021	09.10	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	08/01/2021	02.20	08/01/2021	14.15	T	Distance Protection
Warora-Tirora-I	IntraState	08/01/2021	09.33	08/01/2021	20.17	PO	Auto Re-closed Disable.
Warora-Tirora-II	IntraState	08/01/2021	09.36	08/01/2021	20.14	PO	Annual Outage Maintenance Work.
Main Bus II @ Akola 2	IntraState	08/01/2021	10.15	08/01/2021	16.45	PO	Replacement of Old design CVT with new CVT as per OEM recommendation.
Bhusawal-Aurangabad	IntraState	08/01/2021	17.19		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	08/01/2021	22.20		Continued.	HT	Over Voltage
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 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	06/01/2021	08.30		Continued.	PO	applying high insulation resistance Coating on tertiary side Equipment of 501 MVA,400/220/30KV ICT 2Like 33KV PT,BPI,IPS Tube, LA & Tertiary Bushings.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	08/01/2021	19.35	09/01/2021	04.13	T	Differential protection
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)
Solapur(PG)- Jeur	InterState	08/01/2021	02.28	08/01/2021	04.04	T	Distance Protection
Khaparkhedda-Butibori 3	InterState	08/01/2021	11.33	08/01/2021	13.37	PO	R PH CB to line Isolator jumper Replacement Work at butibori-3.
Solapur(PG)- Jeur	InterState	08/01/2021	19.36	09/01/2021	21.44	EO	Insulator String replacement.
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.
220KV Sawangi- Bhokardan	IntraState	08/01/2021	09.00	08/01/2021	19.37	HT	In view of outage on 220KV Padegaon sawangi ckt.
Phulambri-Bhokardan	IntraState	08/01/2021	09.01	08/01/2021	19.27	HT	In view of outage on 220KV Padegaon sawangi ckt.

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 08/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 09/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padegaon-Sawangi	IntraState	08/01/2021	09.07	08/01/2021	19.23	PO	Making LILO Arrangement at LOC NO. 8 of 220KV WALUJ CHITEGAON LINE CKT 2 & LOC NO. 16 OF 220KV PADEGAON SAWANGI LINE CKT 1.
Waluj - Chitegaon I	IntraState	08/01/2021	09.18	08/01/2021	19.56	PO	Making LILO Arrangement at LOC NO. 8 of 220KV WALUJ CHITEGAON LINE CKT 2 & LOC NO. 16 OF 220KV PADEGAON SAWANGI LINE CKT 1.
Waluj - Chitegaon li	IntraState	08/01/2021	09.19	08/01/2021	21.03	PO	Making LILO Arrangement at LOC NO. 8 of 220KV WALUJ CHITEGAON LINE CKT 2 & LOC NO. 16 OF 220KV PADEGAON SAWANGI LINE CKT 1.
ALKUD - MENDHEGIRI CKT - 1	IntraState	08/01/2021	09.34	08/01/2021	14.14	PO	For pipe laying work by MKVDC in canal crossing in between Loc No.2 & 3.
ALKUD - MENDHEGIRI CKT - 2	IntraState	08/01/2021	09.34	08/01/2021	14.46	PO	For pipe laying work by MKVDC in canal crossing in between Loc No.2 & 3.
Goregaon Versova Line 2	IntraState	08/01/2021	09.54	08/01/2021	18.06	PO	Annual maintenance of bay connected equipment.
Kalwa - Colourchem	IntraState	08/01/2021	10.08	08/01/2021	16.42	PO	For B ph 220KV CT replacement work.
Uran - Kharghar I	IntraState	08/01/2021	10.49	08/01/2021	20.20	PO	Replacement of 220KV Main Bus-1 (Q1) isolator.
Chikhli-Jalna-I	IntraState	08/01/2021	11.04	08/01/2021	22.04	HT	To control overloading of 400KV AKOLA ICT.
Bhigwan-Baramat Iagro	IntraState	08/01/2021	11.25	08/01/2021	14.55	PO	Replacement of flash over insulator string @Loc 84.
ANANDNAGAR - PALAVA	IntraState	08/01/2021	13.15	08/01/2021	18.18	PO	Diagnostics Testing, Isolator Maintenance, other R & M work.
220 KV ICT Outages/Trippings							
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	01/01/2021	09.40		Continued.	PO	Routine Maintenance Work
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	08/01/2021	10.42	08/01/2021	17.10	PO	Quarterly Maintainance Work
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	08/01/2021	10.48	08/01/2021	18.52	PO	Bus Section outage for U Bolt replacement at 100/22kv Padghe S/s.
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	08/01/2021	11.10	08/01/2021	17.58	PO	Measurement of bushing Tan Delta of ICT II. attending oil.

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