

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jan/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.650	917.808	1) Gujrat	2.122	18.676
2) Hydro	7.477	88.059	2) Madhya Pradesh	9.933	64.120
3) Gas	3.350	36.515	3) Chattisgarh	6.310	46.210
Total MSPGCL	153.477	1042.382	4) Maharashtra	142.384	1014.620
B) 1) APML	26.968	176.051	5) Goa (Amona)	-1.124	-6.896
2) JSWEL	17.236	124.408	Total	159.625	1136.730
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.969	124.558
4) RPL(AMT)	28.203	197.416	b) Mumbai Drawl	19.665	125.988
5) WPCL	7.954	55.984	c) MSEDCL Bilateral *	48.852	347.375
6) Other IPP	17.846	124.204	Include PX	18.593	141.846
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.969	124.558
C) 1) TPCL Thermal	12.725	92.453	Include PX	9.449	61.258
2) TPCL Hydro	5.079	28.810	Standby	0.000	0.000
3) TPCL Gas	0.000	3.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.226	67.861	1) MSEDCL	404.382	2830.938
D) STATE			2) Mumbai Discoms	46.695	318.493
1) Thermal	262.808	1756.185	TOTAL STATE	451.077	3149.431
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	12.556	116.869			
3) Gas (A3+B7+C3)	3.350	39.896			
4) Wind	8.541	64.453			
6) SOLAR	4.197	35.298			
TOTAL STATE	291.452	2012.701			

* 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	6225	6282	6185	5316
MSPGCL Hydro	1188	298	308	108
MSPGCL Gas	130	130	140	140
MSPGCL Total Generation	7542	6710	6632	5564
Central Sector Receipt	7845	8120	5822	5684
WIND	390	379	326	237
CPP / IPP Thermal	4610	4488	4558	3312
CPP / IPP Gas	0	0	0	0
SOLAR	587	727	0	0
Exchange with Mumbai	-822	-811	-758	-667
MSEDCL DEMAND MET	20152	19614	16580	14130
Load Shedding	0	0	0	0
MSEDCL DEMAND	20152	19614	16580	14130
TPCL GENERATION	1066	1090	1051	412
AEML GENERATION	499	500	500	283
MUMBAI DEMAND	2387	2401	2309	1362
STATE DEMAND MET	22540	22014	18890	15492
STATE DEMAND	22540	22014	18890	15492
Frequency (Hz)	50.03	49.96	50.00	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 07.03 Hrs	49.78 Hz at 20.16 Hrs	49.98	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 07/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.04	19.78	155	90
Unit 7	2.34	16.38	110	80
Unit 8	11.86	88.22	535	447
Unit 9	12.19	85.77	550	353
Unit 10	11.79	33.42	570	464
Total	41.23	243.57		
Bhusawal				
Unit 3	3.78	13.82	190	140
Unit 4	10.22	51.86	480	200
Unit 5	0.00	0.00	0	0
Total	14.00	65.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.11	34.44	250	163
Unit 7	5.09	35.75	249	166
Unit 8	5.19	36.88	248	169
Total	15.39	107.07		
Chandrapur				
Unit 3	4.01	28.13	179	124
Unit 4	3.69	26.60	160	135
Unit 5	9.59	62.62	430	280
Unit 6	9.39	48.50	420	285
Unit 7	7.61	51.54	334	290
Unit 8	0.00	0.00	0	0
Unit 9	11.73	81.08	496	471
Total	46.01	298.48		
Paras				
Unit 3	0.00	29.86	0	0
Unit 4	5.91	40.28	250	240
Total	5.91	70.14		
Khaparkheda				
Unit 1	3.58	21.44	160	125
Unit 2	4.16	26.86	185	150
Unit 3	4.60	21.12	205	165
Unit 4	4.62	30.72	200	170
Unit 5	0.00	8.74	0	0
Total	16.97	108.89		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.14	23.98	143	123
Unit 5	0.00	0.00	0	0
Total	3.14	23.98		
Uran				
All Units	3.35	36.52	150	130
Total	3.35	36.52		
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	2.57	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.26	2.57		
Koyna				
Stage 1-2	2.01	22.54	275	40
Stage 4	1.47	34.20	475	0
Stage 3	0.93	11.97	160	0
Total	4.40	68.71		
Hydro				
KDPH	0.44	3.11	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.	0.34	1.91	40	0
RNGR+BHTSA	0.36	2.52	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	2.52	16	15
SMLHY_PTN	0.22	1.54	10	9
GHATGHAR	1.35	7.74	250	0
Total	3.07	19.34		
Wind				
Total	8.54	64.45	0	0
Total	8.54	64.45		
CPP				
APML(Mus)	26.97	176.05	0	0
JSWEL(Mus)	17.24	124.41	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.20	197.42	0	0
WPCL(Mus)	7.95	55.98	0	0
Other(Mus)	17.85	124.20	0	0
Total	98.21	678.06		
SOLAR				
Total	4.20	35.30	0	0
Total	4.20	35.30		
Tata				
Trombay 5	8.34	61.10	462	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.88	0	0
Trombay 7B	0.00	1.50	0	0
Trombay 8	4.38	31.35	234	137
TATA Hydro	5.08	28.81	415	0
Total	17.80	124.64		
AEML				
DTPS U-1&2	9.23	67.86	500	282
Total	9.23	67.86		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.65	917.81	MSPGCL Total	153.48	1042.38
			MSPGCL Thml+Gas	146.00	954.32	Koyna 1,2 & 4 Total	3.48	56.75
			MSPGCL Hydro	7.48	88.06	State Total	291.45	2012.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5551	102	150	5802	285	3820	0	0	5654	5462	-772	14598	0	14598	1516	16114	49.96
2	5456	108	140	5704	205	3546	0	0	5999	5661	-702	14414	0	14414	1419	15832	49.98
3	5316	108	140	5564	237	3312	0	0	5941	5684	-667	14130	0	14130	1362	15492	49.95
4	5348	102	140	5590	265	3339	0	0	5946	5799	-633	14360	0	14360	1328	15688	49.96
5	5400	98	150	5648	308	3430	0	0	6234	6264	-641	15008	0	15008	1336	16344	49.97
6	5811	108	140	6058	343	3604	0	0	6625	6640	-728	15918	0	15918	1425	17342	49.94
7	5980	230	140	6350	448	3952	0	6	7113	6761	-712	16806	0	16806	1537	18342	49.99
8	6132	536	140	6808	414	4301	0	51	7425	7285	-483	18376	0	18376	1736	20112	49.99
9	6153	810	150	7112	393	4536	0	194	7304	7373	-618	18990	0	18990	2002	20992	50.00
10	6216	1128	140	7484	359	4574	0	362	7212	7357	-723	19412	0	19412	2238	21650	49.99
11	6225	1188	130	7542	390	4610	0	587	7682	7845	-822	20152	0	20152	2387	22540	50.03
12	6274	750	150	7174	377	4539	0	688	8167	8040	-833	19986	0	19986	2426	22412	50.03
13	6282	298	130	6710	379	4488	0	727	8088	8120	-811	19614	0	19614	2401	22014	49.96
14	6269	148	130	6546	352	4433	0	651	8318	8215	-995	19202	0	19202	2263	21466	50.04
15	6235	228	140	6602	284	4264	0	408	8349	8257	-1107	18708	0	18708	2259	20968	49.99
16	6215	158	130	6502	318	4229	0	302	8355	8143	-845	18650	0	18650	2258	20908	49.93
17	6290	138	130	6558	324	4301	0	181	7432	7180	-773	17770	0	17770	2252	20022	49.96
18	6252	154	140	6546	297	4442	0	40	6215	6380	-673	17032	0	17032	2252	19284	50.00
19	6185	308	140	6632	326	4558	0	0	5856	5822	-758	16580	0	16580	2309	18890	50.00
20	5906	102	140	6148	395	4503	0	0	5855	5637	-932	15752	0	15752	2261	18012	49.97
21	5797	104	130	6030	451	4001	0	0	5766	5760	-1107	15136	0	15136	2116	17252	49.92
22	5761	334	150	6244	477	3812	0	0	5552	5528	-1222	14840	0	14840	2006	16846	49.97
23	5866	138	140	6144	449	4008	0	0	5499	5236	-1114	14724	0	14724	1863	16586	50.00
24	5730	104	140	5974	465	3605	0	0	5560	5176	-994	14226	0	14226	1743	15970	50.04
MUs	142.65	7.48	3.35	153.48	8.54	98.21	0.00	4.20	162.15	159.62	-19.67	404.38	0.00	404.38	46.69	451.08	49.98

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 07/Jan/2021

Position as on 6.30 Hrs of 08/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)	
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		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/01/2021	14.27		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/01/2021	22.02		Continued.	Gas shortage	
MSPGCL	Paras Unit 3	250	06/01/2021	12.07		Continued.	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 08/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400 KV 1500 MVA ICT II @ Aurangabad (Ektuni)	IntraState	07/01/2021	14.14	07/01/2021	21.44	PO	Restore the bph unit currently bypassed through rrs.
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	06/01/2021	17.39	07/01/2021	07.20	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/01/2021	17.44		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)Dismantaling of old towers 89 & 90
Karad - Jaigad - II	IntraState	06/01/2021	21.38		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/01/2021	21.55	07/01/2021	07.28	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	06/01/2021	22.00	07/01/2021	07.11	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/01/2021	22.30		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	07/01/2021	22.33		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	08/01/2021	02.20		Continued.	T	Distance Protection
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.
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
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.
Ranjangaon-Lonikand	IntraState	07/01/2021	06.42	07/01/2021	18.38	PO	Re-Stringing of Y- B PH Conductor
Walchandnagar-Bhigwan	IntraState	07/01/2021	11.30	07/01/2021	14.17	PO	Diagnostic Testing & Maintenance Work.
WARORA WANI-I	IntraState	07/01/2021	11.46	07/01/2021	14.27	PO	Relay testing work.
NERUL - SEAWOOD CABLE CKT - 1	IntraState	07/01/2021	12.12	07/01/2021	15.47	PO	Diagnostic & Bay Maintenance.
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
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	07/01/2021	10.45	07/01/2021	17.18	PO	Earth Wire Replacement.
220/132 Kv 100mva Cgl Ptr No 6 @Chinchwad	IntraState	07/01/2021	11.02	07/01/2021	17.54	PO	Earth Wire Replacement.

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 07/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 08/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132kV 100MVA ICT-2 @ Baramati	IntraState	07/01/2021	14.23	07/01/2021	15.46	PO	Oil Top Up In Main Conservator Tank.