

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.812	377.663	1) Gujrat	2.106	6.302
2) Hydro	12.581	41.938	2) Madhya Pradesh	7.579	21.056
3) Gas	6.878	19.827	3) Chattisgarh	7.050	19.900
Total MSPGCL	144.271	439.428	4) Maharashtra	147.040	440.410
B) 1) APMIL	26.481	66.324	5) Goa (Amona)	-0.644	-2.746
2) JSWEL	18.013	55.603	Total	163.131	484.922
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.842	50.962
4) RPL(AMT)	30.331	85.878	b) Mumbai Drawl	15.526	52.281
5) WPCL	8.047	24.034	c) MSEDCL Bilateral *	51.391	145.793
6) Other IPP	18.122	53.259	Include PX	21.840	56.303
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.842	50.962
C) 1) TPCL Thermal	12.888	40.041	Include PX	7.735	23.362
2) TPCL Hydro	2.621	9.496	Standby	0.000	0.000
3) TPCL Gas	0.000	3.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.992	29.320	1) MSEDCL	407.326	1210.361
D) STATE			2) Mumbai Discoms	41.027	134.519
1) Thermal	248.686	732.122	TOTAL STATE	448.353	1344.880
(A1+C1+C4+(B1-B6))					
2) Hydro	15.202	51.434			
(A2+C2)					
3) Gas	6.878	23.208			
(A3+B7+C3)					
4) Wind	8.399	35.428			
6) SOLAR	6.057	17.766			
TOTAL STATE	285.222	859.958			

* 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 2 Hrs
MSPGCL Thermal	5236	5138	5505	4934
MSPGCL Hydro	1244	1006	737	99
MSPGCL Gas	279	269	291	293
MSPGCL Total Generation	6759	6413	6533	5326
Central Sector Receipt	8685	8316	6051	5805
WIND	143	96	154	367
CPP / IPP Thermal	4610	4487	4208	3820
CPP / IPP Gas	0	0	0	0
SOLAR	934	949	0	0
Exchange with Mumbai	-643	-603	-588	-806
MSEDCL DEMAND MET	20488	19658	16358	14512
Load Shedding	0	0	0	0
MSEDCL DEMAND	20488	19658	16358	14512
TPCL GENERATION	849	857	780	416
AEML GENERATION	499	501	500	284
MUMBAI DEMAND	1991	1961	1868	1506
STATE DEMAND MET	22479	21619	18226	16018
STATE DEMAND	22479	21619	18226	16018
Frequency (Hz)	50.01	50.00	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.03 Hrs	49.82 Hz at 09.25 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 03/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.99	8.00	140	110
Unit 7	2.63	7.01	129	100
Unit 8	12.01	36.60	634	294
Unit 9	7.74	33.62	575	0
Unit 10	0.09	0.09	73	0
Total	25.46	85.32		
Bhusawal				
Unit 3	2.34	4.10	165	0
Unit 4	11.04	32.50	480	450
Unit 5	0.00	0.00	0	0
Total	13.39	36.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.72	15.15	250	138
Unit 7	5.21	15.42	248	155
Unit 8	5.24	15.94	247	169
Total	15.17	46.51		
Chandrapur				
Unit 3	4.17	12.14	176	155
Unit 4	3.87	11.37	165	159
Unit 5	7.98	23.60	435	215
Unit 6	9.82	10.68	416	390
Unit 7	7.30	22.16	310	290
Unit 8	0.00	0.00	0	0
Unit 9	11.49	34.57	493	450
Total	44.62	114.52		
Paras				
Unit 3	5.59	16.49	252	220
Unit 4	5.64	17.04	251	217
Total	11.23	33.52		
Khaparkheda				
Unit 1	3.17	9.90	160	110
Unit 2	4.06	11.77	180	155
Unit 3	0.00	6.98	0	0
Unit 4	4.40	12.87	190	165
Unit 5	0.00	8.74	0	0
Total	11.63	50.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.31	10.92	188	119
Unit 5	0.00	0.00	0	0
Total	3.31	10.92		
Uran				
All Units	6.88	19.83	294	263
Total	6.88	19.83		
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)	0.27	1.44	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.27	1.44		
Koyna				
Stage 1-2	2.90	9.84	490	35
Stage 4	5.54	18.13	722	0
Stage 3	1.54	5.58	240	0
Total	9.97	33.55		
Hydro				
KDPH	0.44	1.33	19	18
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.	0.23	0.69	40	0
RNGR+BHTSA	0.36	1.08	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	1.08	15	15
SMLHY_PTN	0.22	0.71	10	9
GHATGHAR	0.99	3.50	250	0
Total	2.61	8.38		
Wind				
Total	8.40	35.43	0	0
Total	8.40	35.43		
CPP				
APML(Mus)	26.48	66.32	0	0
JSWEL(Mus)	18.01	55.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	30.33	85.88	0	0
WPCL(Mus)	8.05	24.03	0	0
Other(Mus)	18.12	53.26	0	0
Total	100.99	285.10		
SOLAR				
Total	6.06	17.77	0	0
Total	6.06	17.77		
Tata				
Trombay 5	8.35	26.45	462	276
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	4.54	13.59	229	138
TATA Hydro	2.62	9.50	292	16
Total	15.51	52.92		
AEML				
DTPS U-1&2	9.99	29.32	501	282
Total	9.99	29.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.81	377.66	MSPGCL Total	144.27	439.43
			MSPGCL Thml+Gas	131.69	397.49	Koyna 1,2 & 4 Total	8.43	27.98
			MSPGCL Hydro	12.58	41.94	State Total	285.22	859.96

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5286	104	292	5682	464	4067	0	0	5739	5609	-897	14925	0	14925	1598	16523	50.02
2	4934	99	293	5326	367	3820	0	0	5986	5805	-806	14512	0	14512	1506	16018	49.96
3	4676	169	292	5137	491	3939	0	0	6004	6032	-747	14852	0	14852	1446	16298	49.95
4	4748	94	293	5135	442	3995	0	0	6324	6022	-715	14879	0	14879	1415	16294	50.02
5	4779	99	293	5171	433	4019	0	0	6469	6449	-717	15355	0	15355	1416	16771	49.98
6	5080	104	294	5478	496	4124	0	0	7014	6773	-711	16160	0	16160	1487	17647	49.99
7	5196	248	293	5737	553	4349	0	0	7229	7021	-435	17225	0	17225	1557	18782	50.03
8	5283	628	294	6205	670	4461	0	76	7437	7531	-406	18537	0	18537	1614	20151	50.01
9	5271	742	293	6306	517	4619	0	301	7495	7581	-505	18819	0	18819	1730	20549	50.00
10	5334	1179	292	6805	339	4628	0	540	7467	7604	-569	19347	0	19347	1844	21191	49.92
11	5271	1635	291	7197	252	4611	0	749	8004	7855	-631	20033	0	20033	1951	21984	49.94
12	5236	1244	279	6759	143	4610	0	934	8585	8685	-643	20488	0	20488	1991	22479	50.01
13	5138	1006	269	6413	96	4487	0	949	8643	8316	-603	19658	0	19658	1961	21619	50.00
14	5083	685	289	6057	81	4460	0	909	8497	8472	-508	19471	0	19471	1867	21338	50.01
15	5148	714	269	6131	99	4337	0	730	8449	8137	-440	18994	0	18994	1798	20792	50.03
16	5304	677	289	6270	48	4214	0	524	8383	8049	-430	18675	0	18675	1740	20415	49.96
17	5511	587	280	6378	63	4183	0	301	7606	7399	-495	17829	0	17829	1705	19534	49.98
18	5528	612	271	6411	73	4207	0	44	6304	6461	-501	16695	0	16695	1729	18424	50.00
19	5505	737	291	6533	154	4208	0	0	5890	6051	-588	16358	0	16358	1868	18226	49.97
20	5467	520	292	6279	271	4204	0	0	5682	5661	-643	15772	0	15772	1919	17691	49.97
21	5315	192	282	5789	521	4218	0	0	5470	5233	-762	14999	0	14999	1859	16858	50.00
22	5107	182	292	5581	596	4074	0	0	5708	5489	-1017	14723	0	14723	1783	16506	50.00
23	5218	137	292	5647	612	3652	0	0	5665	5448	-923	14436	0	14436	1668	16104	49.99
24	5394	187	263	5844	618	3508	0	0	5490	5448	-834	14584	0	14584	1575	16159	49.98
MUs	124.81	12.58	6.88	144.27	8.40	100.99	0.00	6.06	165.54	163.13	-15.53	407.33	0.00	407.33	41.03	448.35	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 03/Jan/2021

Position as on 6.30 Hrs of 04/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	
MSPGCL	Koradi Unit 10	660	25/12/2020	10.56	03/01/2021	22.40	Boiler Tube Leakage	
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	Khaparkhedda Unit 3	210	02/01/2021	17.30	04/01/2021	16.26	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	02/01/2021	22.35	03/01/2021	02.43	Boiler Pressure High.	
MSPGCL	Koradi Unit 9	660	03/01/2021	01.24	03/01/2021	04.29	Flame Failure	
MSPGCL	Bhusawal Unit 3	210	03/01/2021	19.37	04/01/2021	01.29	Stator Earth Fault	
MSPGCL	Bhusawal Unit 3	210	04/01/2021	02.28		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	04/01/2021	12.22		Continued.	switchboard Flash Over	
MSPGCL	Bhusawal Unit 4	500	04/01/2021	20.16		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	04/01/2021	22.02		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	02/01/2021	08.27	03/01/2021	16.58	PO	Annual Maintenance Work
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	02/01/2021	11.35	04/01/2021	09.18	PO	Replacement of damaged earthwire, replacement PID suspicious disc insulator and other maintenance work.(RFC 02.01.2020 17:30)
Dhule Sar'Sarovar II	InterState	04/01/2021	18.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34	03/01/2021	12.33	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59	03/01/2021	12.03	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
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
Khadka-Aurangabad (Waluj)	IntraState	02/01/2021	21.08	03/01/2021	07.53	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	02/01/2021	21.18	03/01/2021	10.18	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/01/2021	19.39	04/01/2021	15.34	HT	Heavy sparking Observed at B-Ph line isolator
Khadka-Aurangabad (Waluj)	IntraState	03/01/2021	20.21	04/01/2021	07.33	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	03/01/2021	22.11	04/01/2021	07.44	HT	Over Voltage
Padghe - Nagothane - I	IntraState	04/01/2021	14.40		Continued.	PO	Jumper Tighting and cold washing work
Khadka-Aurangabad (Waluj)	IntraState	04/01/2021	21.19		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	04/01/2021	22.13		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 Kv 500 MVA ICT-III @Kalwa	IntraState	03/01/2021	09.07	03/01/2021	17.54	PO	Testing Work
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	03/01/2021	10.13	03/01/2021	16.51	T	B-PH Bucchoz Fault.
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
Trombay - Kalwa	IntraState	16/12/2020	06.43		Continued.	PO	HTLS work.
Chikhli-Jalna-I	IntraState	02/01/2021	11.38	03/01/2021	20.47	T	LTS Operated.
Chikhli-Jalna-II	IntraState	02/01/2021	11.38	03/01/2021	20.50	T	LTS Operated.
BHIRA (T) - KARANJADE CKT - 7	IntraState	03/01/2021	00.50	03/01/2021	06.00	PO	Routine Maintenance Work
Trombay Carnac 6	IntraState	03/01/2021	07.38	03/01/2021	19.52	PO	Conductor replacement
Padghe - Jambhul 2	IntraState	03/01/2021	08.49	03/01/2021	18.27	PO	Fixing of additional Jumper

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 03/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 04/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Trombay-Salsette II	IntraState	03/01/2021	09.19	03/01/2021	18.58	T	Work in Vicinity.
Chikhli-Jalna-II	IntraState	03/01/2021	10.13	03/01/2021	17.10	T	LTS Operated.
Chikhli-Jalna-I	IntraState	03/01/2021	10.13	03/01/2021	17.08	T	LTS Operated.
EKLAHRE (GCR)Nashik-Airoli Knowledge Park	IntraState	04/01/2021	10.45		Continued.	PO	Breaker overhauling work
Adlabs - Pedambe	IntraState	04/01/2021	17.20		Continued.	PO	Annual Maintenance 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
220/33KV 100MVA ICT II @ chakan	IntraState	03/01/2021	09.34	03/01/2021	18.33	PO	Attending Oil Leakage
220/132kv 100MVA ICT-II @ Alephata	IntraState	03/01/2021	11.15	03/01/2021	17.19	PO	Testing Work
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	04/01/2021	16.28	04/01/2021	17.34	PO	Replacement work

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