

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jan/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.442	640.092	1) Gujrat	3.346	12.897
2) Hydro	10.730	64.056	2) Madhya Pradesh	11.688	42.579
3) Gas	3.410	29.785	3) Chattisgarh	6.510	33.260
Total MSPGCL	145.582	733.933	4) Maharashtra	143.443	730.628
B) 1) APLM	26.995	121.270	5) Goa (Amona)	-1.067	-4.715
2) JSWEL	17.940	90.738	Total	163.920	814.649
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.384	88.258
4) RPL(AMT)	27.018	140.925	b) Mumbai Drawl	18.265	88.753
5) WPCL	7.937	40.024	c) MSEDCL Bilateral *	50.311	250.241
6) Other IPP	17.593	88.028	Include PX	21.872	104.248
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.384	88.258
C) 1) TPCL Thermal	12.821	66.262	Include PX	9.219	42.291
2) TPCL Hydro	5.019	18.828	Standby	0.000	0.000
3) TPCL Gas	0.000	3.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.666	48.823	1) MSEDCL	399.030	2016.222
D) STATE			2) Mumbai Discoms	45.771	226.047
1) Thermal	251.412	1236.162	TOTAL STATE	444.801	2242.269
(A1+C1+C4+(B1-B6))					
2) Hydro	15.749	82.884			
(A2+C2)					
3) Gas	3.410	33.166			
(A3+B7+C3)					
4) Wind	5.942	49.963			
6) SOLAR	4.368	25.445			
TOTAL STATE	280.881	1427.620			

* 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	5667	5824	6051	4588
MSPGCL Hydro	580	614	818	106
MSPGCL Gas	150	130	130	140
MSPGCL Total Generation	6396	6568	6998	4834
Central Sector Receipt	8546	7744	6021	5819
WIND	177	109	212	188
CPP / IPP Thermal	4665	4628	4510	3463
CPP / IPP Gas	0	0	0	0
SOLAR	710	751	0	0
Exchange with Mumbai	-795	-798	-677	-617
MSEDCL DEMAND MET	19700	19002	17064	13686
Load Shedding	0	0	0	0
MSEDCL DEMAND	19700	19002	17064	13686
TPCL GENERATION	1109	1078	1070	419
AEML GENERATION	499	499	500	284
MUMBAI DEMAND	2403	2375	2247	1320
STATE DEMAND MET	22102	21376	19312	15006
STATE DEMAND	22102	21376	19312	15006
Frequency (Hz)	49.95	49.90	49.92	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 22.01 Hrs	49.74 Hz at 12.50 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 05/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.86	13.78	130	110
Unit 7	2.25	11.65	110	84
Unit 8	13.61	63.51	648	488
Unit 9	13.24	60.45	600	485
Unit 10	6.17	10.20	500	0
Total	38.13	159.58		
Bhusawal				
Unit 3	2.12	6.34	170	0
Unit 4	0.00	41.35	0	0
Unit 5	0.00	0.00	0	0
Total	2.12	47.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	24.22	250	156
Unit 7	4.96	25.68	245	154
Unit 8	5.05	26.38	254	159
Total	15.11	76.28		
Chandrapur				
Unit 3	4.02	20.10	177	124
Unit 4	3.88	19.09	168	140
Unit 5	9.76	43.10	442	275
Unit 6	9.55	29.53	426	280
Unit 7	7.24	36.48	314	280
Unit 8	0.00	0.00	0	0
Unit 9	11.65	57.73	495	475
Total	46.10	206.04		
Paras				
Unit 3	5.25	26.90	250	175
Unit 4	5.90	28.59	252	231
Total	11.15	55.48		
Khaparkheda				
Unit 1	2.52	15.06	120	95
Unit 2	4.10	19.80	175	160
Unit 3	4.39	12.24	190	172
Unit 4	4.57	21.78	191	190
Unit 5	0.00	8.74	0	0
Total	15.58	77.61		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	17.41	195	123
Unit 5	0.00	0.00	0	0
Total	3.24	17.41		
Uran				
All Units	3.41	29.78	150	130
Total	3.41	29.78		
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)	0.30	2.03	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.30	2.03		
Koyna				
Stage 1-2	3.72	16.86	535	40
Stage 4	3.48	25.32	565	0
Stage 3	1.34	8.51	238	0
Total	8.54	50.70		
Hydro				
KDPH	0.44	2.22	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.	0.26	1.18	40	0
RNGR+BHTSA	0.36	1.80	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	1.80	16	15
SMLHY_PTN	0.19	1.10	8	7
GHATGHAR	0.57	5.25	250	0
Total	2.19	13.36		
Wind				
Total	5.94	49.96	0	0
Total	5.94	49.96		
CPP				
APML(Mus)	27.00	121.27	0	0
JSWEL(Mus)	17.94	90.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.02	140.92	0	0
WPCL(Mus)	7.94	40.02	0	0
Other(Mus)	17.59	88.03	0	0
Total	97.48	480.98		
SOLAR				
Total	4.37	25.44	0	0
Total	4.37	25.44		
Tata				
Trombay 5	8.50	43.86	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	4.32	22.40	231	138
TATA Hydro	5.02	18.83	417	0
Total	17.84	88.47		
AEML				
DTPS U-1&2	9.67	48.82	501	282
Total	9.67	48.82		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.44	640.09	MSPGCL Total	145.58	733.93
			MSPGCL Thml+Gas	134.85	669.88	Koyna 1,2 & 4 Total	7.20	42.19
			MSPGCL Hydro	10.73	64.06	State Total	280.88	1427.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5011	100	150	5262	318	3483	0	0	5823	5654	-780	13936	0	13936	1503	15440	50.00
2	4956	100	140	5196	251	3566	0	0	5792	5563	-697	13880	0	13880	1412	15292	49.99
3	4617	100	150	4868	255	3533	0	0	5846	5725	-647	13734	0	13734	1350	15084	50.01
4	4588	106	140	4834	188	3463	0	0	5864	5819	-617	13686	0	13686	1320	15006	49.99
5	4904	102	150	5156	197	3476	0	0	6127	6124	-628	14324	0	14324	1332	15656	50.00
6	4941	106	140	5188	261	3478	0	0	7045	6989	-714	15202	0	15202	1414	16616	49.97
7	4987	126	150	5264	331	3613	0	1	7697	7714	-777	16146	0	16146	1533	17678	50.02
8	5175	242	140	5556	420	4243	0	35	8153	7860	-497	17618	0	17618	1724	19342	49.95
9	5260	982	150	6392	371	4506	0	184	7490	7819	-576	18696	0	18696	1998	20694	50.00
10	5371	1456	140	6966	245	4581	0	304	7401	7585	-667	19014	0	19014	2231	21246	50.01
11	5455	1220	140	6814	144	4593	0	553	8425	8161	-748	19518	0	19518	2353	21870	50.01
12	5667	580	150	6396	177	4665	0	710	8860	8546	-795	19700	0	19700	2403	22102	49.95
13	5824	614	130	6568	109	4628	0	751	8101	7744	-798	19002	0	19002	2375	21376	49.90
14	5769	518	130	6416	70	4509	0	709	8110	7796	-789	18712	0	18712	2237	20948	49.88
15	5770	462	140	6372	66	4355	0	580	8207	8183	-895	18660	0	18660	2206	20866	49.94
16	5857	648	140	6646	76	4261	0	359	8247	8000	-862	18480	0	18480	2181	20660	49.95
17	5894	674	130	6698	95	4316	0	148	7616	7483	-749	17990	0	17990	2181	20172	50.02
18	6004	730	150	6884	103	4376	0	34	6561	6572	-628	17340	0	17340	2180	19520	49.99
19	6051	818	130	6998	212	4510	0	0	6001	6021	-677	17064	0	17064	2247	19312	49.92
20	6081	426	150	6656	258	4489	0	0	6016	5649	-693	16360	0	16360	2216	18576	49.94
21	5918	140	140	6198	365	3974	0	0	6025	6016	-1026	15528	0	15528	2085	17612	49.99
22	5873	278	140	6290	500	3875	0	0	5897	5699	-1112	15252	0	15252	1898	17150	50.00
23	5775	98	140	6012	469	3615	0	0	5907	5761	-993	14864	0	14864	1744	16608	50.00
24	5694	108	150	5952	461	3375	0	0	5907	5437	-900	14324	0	14324	1648	15972	50.01
MUs	131.44	10.73	3.41	145.58	5.94	97.48	0.00	4.37	167.12	163.92	-18.27	399.03	0.00	399.03	45.77	444.80	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 05/Jan/2021

Position as on 6.30 Hrs of 06/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		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/01/2021	14.27		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	04/01/2021	02.28	05/01/2021	07.50	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	04/01/2021	12.22	05/01/2021	08.23	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 05/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 06/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 II	InterState	04/01/2021	18.02	05/01/2021	09.41	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/01/2021	09.46	06/01/2021	06.02	PO	Replacement of Damaged Earthwire(REFC 19.40Hrs)
Chandrapur Bhadravati I	InterState	05/01/2021	13.23	05/01/2021	19.58	PO	Isolator Alignment work
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)Dismentaling of old towers 89 & 90
Padghe - Nagothane - I	IntraState	04/01/2021	14.40	05/01/2021	08.29	PO	Jumper Tighting and cold washing work.(Through TBC)
Khadka-Aurangabad (Waluj)	IntraState	04/01/2021	21.19	05/01/2021	07.35	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	04/01/2021	22.13	05/01/2021	07.36	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/01/2021	23.41	06/01/2021	07.33	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
400/220kv 315 Mva ICT I @Karad	IntraState	05/01/2021	01.35	05/01/2021	05.32	T	Y-Phase OLTC Bucchohz PRV Optd.
400/220kv 315 Mva ICT II @Karad	IntraState	05/01/2021	01.35	05/01/2021	02.41	T	Tripped on REF
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.
Adlabs - Pedambe	IntraState	04/01/2021	17.20	05/01/2021	21.25	PO	Annual Maintenance Work
Karad - Vita Ckt- II	IntraState	05/01/2021	01.15	05/01/2021	14.43	T	Distance Protection
Karad - Vita Ckt- I	IntraState	05/01/2021	01.22	05/01/2021	20.26	T	Distance Protection
Vita-Khanapur(Mahuli Tap)	IntraState	05/01/2021	01.31	05/01/2021	02.01	T	Distance Protection
Vita-Hiwarwadi	IntraState	05/01/2021	01.31	05/01/2021	02.01	T	Distance Protection
Karad-Nerle	IntraState	05/01/2021	01.35	05/01/2021	07.45	T	insulator Decapping
Karad(400kv) - Wathar	IntraState	05/01/2021	01.35	05/01/2021	08.06	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	05/01/2021	10.50		Continued.	T	Cross arm bent at Loc. no.98,100 & 101.
PARANDA BARSHI	IntraState	05/01/2021	11.29	05/01/2021	14.45	PO	Line Maintenance work
Hingoli- Girawali	IntraState	05/01/2021	12.57	05/01/2021	16.28	PO	Replacement of Faulty Disc
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

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