

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Jan/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.987	508.650	1) Gujrat	3.249	9.551
2) Hydro	11.388	53.326	2) Madhya Pradesh	9.835	30.891
3) Gas	6.548	26.375	3) Chattisgarh	6.850	26.750
Total MSPGCL	148.923	588.351	4) Maharashtra	146.775	587.185
B) 1) APLM	27.951	94.275	5) Goa (Amona)	-0.902	-3.648
2) JSWEL	17.195	72.798	Total	165.807	650.729
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.912	69.873
4) RPL(AMT)	28.029	113.907	b) Mumbai Drawl	18.207	70.488
5) WPCL	8.053	32.087	c) MSEDCL Bilateral *	54.138	199.931
6) Other IPP	17.176	70.435	Include PX	26.073	82.376
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.912	69.873
C) 1) TPCL Thermal	13.400	53.441	Include PX	9.709	33.071
2) TPCL Hydro	4.313	13.809	Standby	0.000	0.000
3) TPCL Gas	0.000	3.381	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.837	39.157	1) MSEDCL	406.831	1617.192
D) STATE			2) Mumbai Discoms	45.757	180.276
1) Thermal	252.628	984.750	TOTAL STATE	452.588	1797.468
(A1+C1+C4+(B1-B6))					
2) Hydro	15.701	67.135			
(A2+C2)					
3) Gas	6.548	29.756			
(A3+B7+C3)					
4) Wind	8.593	44.021			
6) SOLAR	3.311	21.077			
TOTAL STATE	286.781	1146.739			

* 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	6025	5626	5534	4776
MSPGCL Hydro	1536	1008	820	116
MSPGCL Gas	291	280	282	292
MSPGCL Total Generation	7852	6914	6636	5184
Central Sector Receipt	8432	8570	5751	5441
WIND	376	141	97	704
CPP / IPP Thermal	4498	4484	4496	3393
CPP / IPP Gas	0	0	0	0
SOLAR	401	596	0	0
Exchange with Mumbai	-904	-777	-693	-659
MSEDCL DEMAND MET	20654	19928	16286	14064
Load Shedding	0	0	0	0
MSEDCL DEMAND	20654	19928	16286	14064
TPCL GENERATION	969	1075	1030	416
AEML GENERATION	500	499	499	283
MUMBAI DEMAND	2373	2351	2222	1358
STATE DEMAND MET	23028	22278	18508	15422
STATE DEMAND	23028	22278	18508	15422
Frequency (Hz)	50.01	49.97	50.01	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17.33 Hrs	49.72 Hz at 07.24 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 04/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.92	10.92	130	115
Unit 7	2.40	9.40	130	80
Unit 8	13.30	49.90	593	395
Unit 9	13.58	47.21	596	400
Unit 10	3.94	4.02	400	0
Total	36.13	121.45		
Bhusawal				
Unit 3	0.12	4.22	100	0
Unit 4	8.85	41.35	480	0
Unit 5	0.00	0.00	0	0
Total	8.97	45.57		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.97	19.12	250	123
Unit 7	5.30	20.72	249	162
Unit 8	5.39	21.33	250	170
Total	14.66	61.17		
Chandrapur				
Unit 3	3.94	16.08	176	129
Unit 4	3.84	15.21	167	135
Unit 5	9.74	33.34	440	280
Unit 6	9.30	19.98	415	285
Unit 7	7.08	29.24	320	284
Unit 8	0.00	0.00	0	0
Unit 9	11.52	46.08	495	410
Total	45.42	159.94		
Paras				
Unit 3	5.15	21.64	235	155
Unit 4	5.65	22.69	251	163
Total	10.80	44.33		
Khaparkheda				
Unit 1	2.63	12.53	120	90
Unit 2	3.92	15.70	180	115
Unit 3	0.87	7.85	164	0
Unit 4	4.34	17.21	192	130
Unit 5	0.00	8.74	0	0
Total	11.76	62.02		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	14.17	183	103
Unit 5	0.00	0.00	0	0
Total	3.24	14.17		
Uran				
All Units	6.55	26.38	303	130
Total	6.55	26.38		
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	1.73	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.30	1.73		
Koyna				
Stage 1-2	3.30	13.14	505	40
Stage 4	3.71	21.84	636	0
Stage 3	1.60	7.17	240	0
Total	8.61	42.16		
Hydro				
KDPH	0.44	1.78	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.	0.22	0.92	40	0
RNGR+BHTSA	0.36	1.44	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	1.44	16	15
SMLHY_PTN	0.21	0.92	9	8
GHATGHAR	1.18	4.68	250	0
Total	2.78	11.16		
Wind				
Total	8.59	44.02	0	0
Total	8.59	44.02		
CPP				
APML(Mus)	27.95	94.28	0	0
JSWEL(Mus)	17.20	72.80	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.03	113.91	0	0
WPCL(Mus)	8.05	32.09	0	0
Other(Mus)	17.18	70.44	0	0
Total	98.40	383.50		
SOLAR				
Total	3.31	21.08	0	0
Total	3.31	21.08		
Tata				
Trombay 5	8.91	35.36	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	4.49	18.08	231	140
TATA Hydro	4.31	13.81	384	0
Total	17.71	70.63		
AEML				
DTPS U-1&2	9.84	39.16	501	282
Total	9.84	39.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.99	508.65	MSPGCL Total	148.92	588.35
			MSPGCL Thml+Gas	137.54	535.02	Koyna 1,2 & 4 Total	7.01	34.99
			MSPGCL Hydro	11.39	53.33	State Total	286.78	1146.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	5494	96	272	5862	553	3681	0	0	5423	5194	-777	14514	0	14514	1490	16004	49.98
2	5472	102	273	5846	699	3524	0	0	5563	5061	-710	14420	0	14420	1410	15830	49.99
3	4776	116	292	5184	704	3393	0	0	5833	5441	-659	14064	0	14064	1358	15422	49.95
4	4519	252	293	5064	680	3389	0	0	5797	5811	-626	14318	0	14318	1326	15644	50.00
5	5021	112	293	5426	751	3409	0	0	5964	5841	-646	14780	0	14780	1345	16126	49.97
6	5247	96	283	5626	713	3412	0	0	6963	6769	-715	15806	0	15806	1414	17220	49.97
7	5703	112	294	6108	601	3714	0	0	7612	7558	-799	17182	0	17182	1527	18710	49.97
8	5961	610	303	6874	569	4170	0	37	7846	7576	-726	18500	0	18500	1719	20220	49.93
9	5976	780	293	7050	570	4407	0	151	7810	7626	-722	19082	0	19082	2003	21084	49.93
10	6076	1250	282	7608	453	4517	0	316	7834	7940	-851	19982	0	19982	2236	22218	49.94
11	6025	1536	291	7852	376	4498	0	401	8505	8432	-904	20654	0	20654	2373	23028	50.01
12	5907	1038	280	7224	205	4418	0	527	8946	8391	-912	19854	0	19854	2415	22268	49.99
13	5626	1008	280	6914	141	4484	0	596	8766	8570	-777	19928	0	19928	2351	22278	49.97
14	5479	736	269	6484	140	4450	0	512	8827	8951	-672	19866	0	19866	2217	22082	49.97
15	5461	616	289	6366	173	4436	0	374	8895	8624	-664	19308	0	19308	2194	21502	49.97
16	5457	504	280	6240	146	4422	0	253	8898	8641	-657	19046	0	19046	2187	21232	49.98
17	5456	262	269	5986	91	4486	0	122	7951	7849	-620	17914	0	17914	2182	20096	49.99
18	5511	340	290	6142	99	4441	0	22	6725	7104	-602	17206	0	17206	2162	19368	50.05
19	5534	820	282	6636	97	4496	0	0	5981	5751	-693	16286	0	16286	2222	18508	50.01
20	5555	386	291	6232	141	4403	0	0	6004	5741	-700	15818	0	15818	2209	18026	50.01
21	5250	148	292	5690	130	4263	0	0	5943	5923	-1029	14978	0	14978	2085	17062	50.01
22	5172	254	275	5700	134	4061	0	0	5815	5769	-1071	14594	0	14594	1936	16530	50.00
23	5207	112	152	5472	192	4100	0	0	5963	5788	-812	14740	0	14740	1770	16510	50.03
24	5102	104	130	5336	235	3830	0	0	6006	5456	-863	13994	0	13994	1626	15620	50.03
MUs	130.99	11.39	6.55	148.92	8.59	98.40	0.00	3.31	169.87	165.81	-18.21	406.83	0.00	406.83	45.76	452.59	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 04/Jan/2021

Position as on 6.30 Hrs of 05/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-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	Khaparkheda Unit 3	210	02/01/2021	17.30	04/01/2021	16.26	Boiler Tube Leakage	
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 04/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 05/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	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
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 - 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- Bableshtar - 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 - Bableshtar - 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
400/220kv 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.
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
Karad - Vita Ckt- II	IntraState	05/01/2021	01.15		Continued.	T	Distance Protection
Karad - Vita Ckt- I	IntraState	05/01/2021	01.22		Continued.	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(400kv) - Wathar	IntraState	05/01/2021	01.35		Continued.	T	Distance Protection
Karad-Nerle	IntraState	05/01/2021	01.35		Continued.	T	insulator Decapping
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
220/132 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