

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jan/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.648	1635.660	1) Gujrat	0.530	18.277
2) Hydro	9.909	130.019	2) Madhya Pradesh	11.609	119.913
3) Gas	6.670	63.097	3) Chattisgarh	6.200	77.140
Total MSPGCL	166.227	1828.776	4) Maharashtra	142.380	1715.361
B) 1) APLM	28.465	307.888	5) Goa (Amona)	-0.954	-12.772
2) JSWEL	15.476	208.683	Total	159.765	1917.919
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.944	227.482
4) RPL(AMT)	28.394	326.822	b) Mumbai Drawl	21.650	234.487
5) WPCL	7.935	93.302	c) MSEDCL Bilateral *	32.625	531.265
6) Other IPP	18.035	213.326	Include PX	4.703	179.816
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.944	227.482
C) 1) TPCL Thermal	13.884	158.371	Include PX	12.859	124.645
2) TPCL Hydro	4.949	47.774	Standby	0.000	0.000
3) TPCL Gas	2.275	14.949	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.937	107.185	1) MSEDCL	416.654	4824.803
D) STATE			2) Mumbai Discoms	52.695	562.768
1) Thermal	271.774	3051.237	TOTAL STATE	469.349	5387.571
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.858	177.793			
3) Gas (A3+B7+C3)	8.945	78.046			
4) Wind	7.440	98.140			
6) SOLAR	6.567	64.434			
TOTAL STATE	309.584	3469.650			

* 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	6363	6406	6429	5792
MSPGCL Hydro	800	540	190	104
MSPGCL Gas	266	266	269	281
MSPGCL Total Generation	7428	7212	6888	6178
Central Sector Receipt	7674	7535	6206	5795
WIND	536	581	199	244
CPP / IPP Thermal	4398	4391	4309	3520
CPP / IPP Gas	0	0	0	0
SOLAR	962	1029	0	0
Exchange with Mumbai	-1043	-979	-803	-942
MSEDCL DEMAND MET	19956	19768	16798	14794
Load Shedding	0	0	0	0
MSEDCL DEMAND	19956	19768	16798	14794
TPCL GENERATION	1166	1180	1168	532
AEML GENERATION	500	499	500	282
MUMBAI DEMAND	2709	2658	2471	1756
STATE DEMAND MET	22664	22426	19270	16550
STATE DEMAND	22664	22426	19270	16550
Frequency (Hz)	49.95	49.92	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14.03 Hrs	49.76 Hz at 12.11 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 12/Jan/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.19	35.00	160	105
Unit 7	0.00	17.25	0	0
Unit 8	10.94	146.75	495	385
Unit 9	11.76	145.08	555	435
Unit 10	12.40	93.57	538	480
Total	38.29	437.64		
Bhusawal				
Unit 3	1.41	29.72	180	0
Unit 4	10.90	104.38	475	450
Unit 5	10.99	34.54	480	450
Total	23.29	168.64		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.24	59.32	250	179
Unit 7	5.06	60.07	248	169
Unit 8	5.16	62.17	250	179
Total	15.46	181.56		
Chandrapur				
Unit 3	3.83	47.05	170	125
Unit 4	0.00	29.86	0	0
Unit 5	9.51	107.34	430	275
Unit 6	9.78	95.73	435	285
Unit 7	7.77	89.43	338	295
Unit 8	0.00	0.00	0	0
Unit 9	11.76	135.94	498	470
Total	42.65	505.35		
Paras				
Unit 3	5.81	48.42	258	155
Unit 4	5.66	67.52	250	161
Total	11.47	115.94		
Khaparkheda				
Unit 1	2.89	37.66	140	110
Unit 2	3.64	46.02	175	115
Unit 3	4.26	41.65	190	130
Unit 4	4.60	52.43	202	130
Unit 5	0.00	8.74	0	0
Total	15.38	186.50		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.09	40.03	144	121
Unit 5	0.00	0.00	0	0
Total	3.09	40.03		
Uran				
All Units	6.67	63.10	292	245
Total	6.67	63.10		
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)	0.10	3.74	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	3.74		
Koyna				
Stage 1-2	2.70	34.26	450	40
Stage 4	2.77	46.40	500	0
Stage 3	1.32	16.98	160	0
Total	6.79	97.65		
Hydro				
KDPH	0.44	5.33	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.16	0.16	51	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	2.87	40	0
RNGR+BHTSA	0.32	4.22	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	4.32	16	15
SMLHY_PTN	0.32	3.32	14	13
GHATGHAR	1.27	12.16	250	0
Total	3.12	32.37		
Wind				
Total	7.44	98.14	0	0
Total	7.44	98.14		
CPP				
APML(Mus)	28.46	307.89	0	0
JSWEL(Mus)	15.48	208.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.39	326.82	0	0
WPCL(Mus)	7.94	93.30	0	0
Other(Mus)	18.04	213.33	0	0
Total	98.30	1150.02		
SOLAR				
Total	6.57	64.43	0	0
Total	6.57	64.43		
Tata				
Trombay 5	9.26	104.13	473	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	8.57	54	50
Trombay 7B	1.02	6.38	44	41
Trombay 8	4.62	54.24	233	137
TATA Hydro	4.95	47.77	385	17
Total	21.11	221.09		
AEML				
DTPS U-1&2	9.94	107.18	501	282
Total	9.94	107.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.65	1635.66	MSPGCL Total	166.23	1828.78
			MSPGCL Thml+Gas	156.32	1698.76	Koyna 1,2 & 4 Total	5.47	80.67
			MSPGCL Hydro	9.91	130.02	State Total	309.58	3469.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	6329	104	281	6714	371	3770	0	0	5781	5512	-1004	15363	0	15363	1851	17214	50.00
2	5792	104	281	6178	244	3520	0	0	5953	5795	-942	14794	0	14794	1756	16550	49.99
3	5554	110	282	5946	200	3507	0	0	6095	6178	-888	14942	0	14942	1685	16628	50.00
4	5607	110	291	6008	202	3506	0	0	6136	6108	-810	15014	0	15014	1608	16622	49.99
5	6007	104	282	6394	232	3454	0	0	6064	6442	-794	15728	0	15728	1588	17316	49.97
6	6254	134	292	6680	250	3665	0	0	6483	6576	-814	16357	0	16357	1653	18010	49.97
7	6460	184	272	6916	319	4132	0	16	7036	6951	-851	17484	0	17484	1750	19234	49.99
8	6558	896	292	7746	396	4391	0	88	6793	7113	-657	19076	0	19076	1921	20998	50.02
9	6537	1384	292	8214	375	4557	0	262	6673	6606	-734	19280	0	19280	2192	21472	50.03
10	6428	1254	270	7952	329	4546	0	582	7148	7114	-888	19636	0	19636	2461	22096	50.01
11	6360	1100	279	7738	378	4506	0	853	7678	7392	-1007	19860	0	19860	2653	22514	50.02
12	6363	800	266	7428	536	4398	0	962	7895	7674	-1043	19956	0	19956	2709	22664	49.95
13	6406	540	266	7212	581	4391	0	1029	7552	7535	-979	19768	0	19768	2658	22426	49.92
14	6211	360	245	6816	464	4245	0	947	7586	7514	-886	19100	0	19100	2534	21634	50.03
15	6270	558	266	7094	400	4197	0	819	7738	7767	-920	19358	0	19358	2552	21910	50.02
16	6403	476	276	7154	370	4256	0	594	7769	7802	-887	19290	0	19290	2533	21822	50.00
17	6436	498	267	7202	312	4239	0	347	7141	7060	-863	18296	0	18296	2512	20808	49.97
18	6482	324	278	7084	206	4257	0	68	6601	6482	-834	17262	0	17262	2487	19750	50.02
19	6429	190	269	6888	199	4309	0	0	6414	6206	-803	16798	0	16798	2471	19270	49.95
20	6367	246	279	6892	196	4246	0	0	6382	6113	-795	16652	0	16652	2459	19112	49.95
21	6121	106	281	6508	194	3968	0	0	6134	5919	-840	15750	0	15750	2380	18130	49.99
22	6082	112	281	6474	223	4047	0	0	5897	6162	-1039	15868	0	15868	2202	18070	50.04
23	6079	102	291	6472	224	4044	0	0	6008	5873	-1186	15426	0	15426	2083	17510	50.01
24	6113	112	291	6516	239	4155	0	0	5991	5871	-1186	15596	0	15596	1997	17592	49.97
MUs	149.65	9.91	6.67	166.23	7.44	98.31	0.00	6.57	160.95	159.77	-21.65	416.65	0.00	416.65	52.70	469.35	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 12/Jan/2021

Position as on 6.30 Hrs of 13/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	12/01/2021	19.52	Turbine Bearing Vibration.	
MSPGCL	Koradi Unit 7	210	08/01/2021	09.48		Continued.	Flame Failure	
MSPGCL	Chandrapur Unit 4	210	11/01/2021	20.42	13/01/2021	01.21	Expansion high during set stabilization	
MSPGCL	Bhusawal Unit 3	210	12/01/2021	09.40		Continued.	To attend GT Hot Spot	
MSPGCL	Khaparkheda Unit 2	210	13/01/2021	03.58		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	13/01/2021	05.37		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 13/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	12/01/2021	06.13	12/01/2021	09.52	EO	Control System out of Service
Chandrapur - Padghe Hvdc Pole 2	IntraState	12/01/2021	11.07	12/01/2021	17.18	EO	Control System out of Service
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	11/01/2021	18.13		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)Dismentaling of old towers 89 & 90
Khadka-Aurangabad (Waluj)	IntraState	11/01/2021	22.38	12/01/2021	06.56	HT	Over Voltage
Warora -IEPL	IntraState	12/01/2021	11.29	12/01/2021	13.30	HT	DC leakage problem
Girwali-Solapur (Lamboti)	IntraState	12/01/2021	13.30	12/01/2021	16.00	EO	To attend Hot Spot
Nagothane - Dabhol I	IntraState	12/01/2021	17.44	13/01/2021	06.52	PO	Broken Earth wire (RFC 21.26Hrs)
Khadka-Aurangabad (Waluj)	IntraState	12/01/2021	20.46		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 315 Mva ICT I @ Akola (M)	IntraState	11/01/2021	20.22	12/01/2021	04.35	PO	Conventional mercury type buchholz relay replacement by new magnetic type buchholz relay of B-phase ICT-1.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	12/01/2021	10.00	12/01/2021	13.01	PO	Routine Maintenance Work
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)
Tillari Amona	InterState	12/01/2021	06.00	12/01/2021	06.57	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.
Tambati - Adlabs	IntraState	11/01/2021	11.01	12/01/2021	16.48	PO	CB Mechanism overhauling work and Routine maintenance work.
Ranjangaon-Lonikand	IntraState	11/01/2021	11.42		Continued.	PO	Serving & Overhauling of ABB Make C.B
Ghatghar - Bapgaon	IntraState	11/01/2021	17.51	12/01/2021	16.03	T	Distance Protection
Wardha - Wardha Rly Tss 2	IntraState	11/01/2021	20.50	12/01/2021	22.21	T	Bus bar protection operated due to bursting of Y ph metering PT of TSS ckt 2.
Gadchandur - Virur-I	IntraState	12/01/2021	08.35	12/01/2021	12.20	PO	Testing Work
Nagothane-Wadkhal-I	IntraState	12/01/2021	09.35	12/01/2021	13.36	PO	Replacement of damage conductor
Karad - Vita Ckt- I	IntraState	12/01/2021	10.28	12/01/2021	17.35	PO	To conversion SSN to DSN
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work

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 12/Jan/2021

Statement-VII

Position as on 6.30 Hrs of 13/Jan/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
GIS Bhandup - Borivali	IntraState	12/01/2021	11.48		Continued.	PO	Bay strengthening at Borivali
Nagothane-Wadkhal II	IntraState	12/01/2021	13.42	12/01/2021	19.47	PO	Replacement of Conductor
Lamboti - Pandharpur li	IntraState	12/01/2021	14.00	12/01/2021	20.00	EO	Replacement of Faulty Insulator String
Wadkhal- ARCL-1	IntraState	12/01/2021	16.15	12/01/2021	17.13	PO	AMR meter commissioning work
Wadkhal-ARCL-2	IntraState	12/01/2021	19.10	12/01/2021	19.34	PO	AMR meter commissioning work
220 KV ICT Outages/Trippings							
200/100KV 100MVA ICT-1@Satara MIDC	IntraState	12/01/2021	10.00	12/01/2021	18.00	PO	Quarterly Maintenance Work