

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Dec/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.541	3372.157	1) Gujrat	1.446	38.328
2) Hydro	17.359	220.356	2) Madhya Pradesh	5.557	164.402
3) Gas	6.335	157.215	3) Chattisgarh	5.050	148.360
Total MSPGCL	159.235	3749.728	4) Maharashtra	151.733	3304.862
B) 1) APLM	15.684	1253.305	5) Goa (Amona)	-1.100	-32.943
2) JSWEL	18.306	436.513	Total	162.686	3623.009
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.308	408.216
4) RPL(AMT)	25.336	146.348	b) Mumbai Drawl	15.462	470.594
5) WPCL	8.462	176.091	c) MSEDCL Bilateral *	38.228	851.188
6) Other IPP	17.993	417.975	Include PX	12.254	198.301
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.308	407.238
C) 1) TPCL Thermal	13.831	320.934	Include PX	8.141	233.816
2) TPCL Hydro	3.836	76.144	Standby	0.000	0.978
3) TPCL Gas	3.463	87.640	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.775	221.716	1) MSEDCL	406.292	9768.514
D) STATE			2) Mumbai Discoms	46.367	1177.028
1) Thermal	244.928	6345.039	TOTAL STATE	452.659	10945.542
(A1+C1+C4+(B1-B6))					
2) Hydro	21.195	296.500			
(A2+C2)					
3) Gas	9.798	244.855			
(A3+B7+C3)					
4) Wind	7.097	284.080			
6) SOLAR	6.955	152.059			
TOTAL STATE	289.973	7322.533			

* 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 2 Hrs
MSPGCL Thermal	5967	5631	5548	5196
MSPGCL Hydro	1774	1344	1108	146
MSPGCL Gas	272	248	231	295
MSPGCL Total Generation	8014	7224	6886	5636
Central Sector Receipt	8021	8188	6374	5353
WIND	239	94	337	453
CPP / IPP Thermal	3928	3772	3925	3110
CPP / IPP Gas	0	0	0	0
SOLAR	926	1020	0	0
Exchange with Mumbai	-657	-756	-724	-569
MSEDCL DEMAND MET	20470	19542	16798	13984
Load Shedding	0	0	0	0
MSEDCL DEMAND	20470	19542	16798	13984
TPCL GENERATION	1171	1084	1082	606
AEML GENERATION	499	500	500	283
MUMBAI DEMAND	2327	2340	2306	1458
STATE DEMAND MET	22798	21882	19104	15442
STATE DEMAND	22798	21882	19104	15442
Frequency (Hz)	50.05	49.98	50.03	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 11.01 Hrs	49.72 Hz at 03.40 Hrs	50	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 24/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.19	52.60	150	120
Unit 7	2.53	31.95	124	95
Unit 8	9.71	292.02	500	260
Unit 9	0.00	203.47	0	0
Unit 10	7.66	13.45	366	270
Total	23.09	593.49		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.63	232.54	480	72
Unit 5	8.34	252.84	495	0
Total	17.97	485.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	119.03	250	166
Unit 7	5.50	121.48	249	162
Unit 8	5.38	115.56	250	157
Total	16.43	356.07		
Chandrapur				
Unit 3	3.52	77.63	162	118
Unit 4	3.57	86.08	159	138
Unit 5	9.10	217.00	425	275
Unit 6	9.41	184.03	420	285
Unit 7	2.02	135.12	422	0
Unit 8	0.00	208.25	0	0
Unit 9	10.69	238.37	485	407
Total	38.32	1146.48		
Paras				
Unit 3	5.59	108.89	245	189
Unit 4	5.16	113.15	250	139
Total	10.76	222.04		
Khaparkheda				
Unit 1	3.36	81.51	155	115
Unit 2	4.02	89.82	185	115
Unit 3	3.72	9.98	168	130
Unit 4	4.32	98.83	190	130
Unit 5	9.58	213.32	405	385
Total	25.00	493.46		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.97	67.52	198	129
Unit 5	0.00	0.00	0	0
Total	3.97	75.22		
Uran				
All Units	6.34	157.22	306	216
Total	6.34	157.22		
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)	0.51	3.28	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.51	3.28		
Koyna				
Stage 1-2	4.14	75.90	540	45
Stage 4	7.68	59.99	753	0
Stage 3	2.89	29.76	320	0
Total	14.71	165.64		
Hydro				
KDPH	0.44	6.82	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.23	1.67	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	4.54	40	0
RNGR+BHTSA	0.36	8.40	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	10.64	12	11
GHATGHAR	1.14	22.64	250	0
Total	2.65	54.71		
Wind				
Total	7.10	284.08	0	0
Total	7.10	284.08		
CPP				
APML(Mus)	15.68	1253.30	0	0
JSWEL(Mus)	18.31	436.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	25.34	146.35	0	0
WPCL(Mus)	8.46	176.09	0	0
Other(Mus)	17.99	417.98	0	0
Total	85.78	2430.23		
SOLAR				
Total	6.96	152.06	0	0
Total	6.96	152.06		
Tata				
Trombay 5	9.19	212.29	461	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.11	54.22	117	57
Trombay 7B	1.36	33.42	67	45
Trombay 8	4.64	108.64	235	138
TATA Hydro	3.84	76.14	331	0
Total	21.13	484.72		
AEML				
DTPS U-1&2	9.78	221.72	501	282
Total	9.78	221.72		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.54	3372.16	MSPGCL Total	159.24	3749.73
			MSPGCL Thml+Gas	141.88	3529.37	Koyna 1,2 & 4 Total	11.82	135.89
			MSPGCL Hydro	17.36	220.36	State Total	289.97	7322.53

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Dec/2020

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	4901	206	295	5402	565	3127	0	0	5518	5809	-626	14276	0	14276	1549	15826	50.02
2	5196	146	295	5636	453	3110	0	0	5492	5353	-569	13984	0	13984	1458	15442	49.99
3	5295	116	305	5716	348	3098	0	0	5488	5466	-504	14124	0	14124	1390	15514	49.99
4	5370	136	295	5800	326	3104	0	0	5507	5412	-460	14182	0	14182	1347	15530	49.86
5	5967	106	295	6368	304	3163	0	0	5492	5572	-473	14934	0	14934	1359	16292	50.02
6	6232	96	306	6634	264	3235	0	0	6420	6823	-543	16412	0	16412	1426	17838	49.99
7	6131	222	295	6648	333	3342	0	1	7169	6697	-368	16652	0	16652	1550	18202	50.02
8	6047	1042	296	7386	336	3778	0	94	7205	7349	-273	18670	0	18670	1696	20366	50.03
9	6081	1364	305	7750	307	3913	0	390	7421	7749	-447	19662	0	19662	1934	21596	50.02
10	6011	1646	294	7950	323	3975	0	706	7563	7549	-562	19942	0	19942	2176	22118	50.04
11	5967	1774	272	8014	239	3928	0	926	7834	8021	-657	20470	0	20470	2327	22798	50.05
12	5761	1682	291	7734	168	3896	0	1018	8100	8248	-725	20340	0	20340	2377	22716	50.03
13	5631	1344	248	7224	94	3772	0	1020	8102	8188	-756	19542	0	19542	2340	21882	49.98
14	5608	1028	222	6858	91	3795	0	1003	8224	8078	-661	19164	0	19164	2223	21386	50.00
15	5619	868	222	6708	74	3801	0	820	8416	8369	-693	19080	0	19080	2242	21322	49.97
16	5569	476	216	6260	81	3844	0	629	8651	8330	-669	18476	0	18476	2252	20728	49.98
17	5500	1286	238	7024	115	3927	0	306	7232	7258	-631	18000	0	18000	2244	20244	49.97
18	5480	1474	231	7186	191	3961	0	42	6291	6539	-620	17298	0	17298	2246	19544	50.02
19	5548	1108	231	6886	337	3925	0	0	6218	6374	-724	16798	0	16798	2306	19104	50.03
20	5636	458	241	6334	437	3828	0	0	6222	6097	-748	15948	0	15948	2313	18262	50.00
21	5671	254	232	6158	463	3416	0	0	6152	6124	-1020	15140	0	15140	2145	17286	49.97
22	5461	260	233	5954	421	3386	0	0	5851	5908	-988	14680	0	14680	1959	16640	50.03
23	5459	182	243	5884	431	3280	0	0	5837	5720	-895	14420	0	14420	1799	16218	50.01
24	5400	88	234	5722	396	3177	0	0	5806	5653	-850	14098	0	14098	1709	15808	49.98
MUs	135.54	17.36	6.33	159.23	7.10	85.78	0.00	6.95	162.21	162.69	-15.46	406.29	0.00	406.29	46.37	452.66	50.00

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 24/Dec/2020

Position as on 6.30 Hrs of 25/Dec/2020

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	
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	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
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-5	660	16/12/2020	03.50		Continued.	Zero schedule.	
IPP	Adani U-1	660	16/12/2020	10.58		Continued.	Withdrawal For RSD.	
MSPGCL	Bhusawal Unit 4	500	21/12/2020	20.41	24/12/2020	00.19	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	22/12/2020	22.38		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	
MSPGCL	Chandrapur Unit 7	500	24/12/2020	06.25		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	24/12/2020	21.15		Continued.	Due to clinker formed inside the bottom ash hopper	
MSPGCL	Uran Unit 6	108	25/12/2020	00.16		Continued.	Filter replacement.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 25/Dec/2020

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	23/12/2020	13.49	24/12/2020	06.32	PO	Replacement Of Damaged Earth wire,Replacement PID Suspicious Disc Insulator And Other Maintenance Work.(RFC 18.35)
Chakan Talegaon(Pg)	InterState	23/12/2020	22.24	24/12/2020	05.06	EO	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	24/12/2020	19.01		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	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		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Bhusawal-Aurangabad	IntraState	23/12/2020	20.04	24/12/2020	07.24	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	23/12/2020	21.17	24/12/2020	04.56	EO	Attending Hot Spot
Padghe - Nagothane - I	IntraState	23/12/2020	22.48	24/12/2020	08.35	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	24/12/2020	10.11	24/12/2020	15.05	PO	AMP work.
Khadka-Aurangabad (Waluj)	IntraState	24/12/2020	18.08		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	10/09/2020	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 I @ Kudus	IntraState	24/12/2020	12.32	24/12/2020	18.28	EO	Safety purpose for erection ICT-2.
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/12/2020	00.06		Continued.	PO	Oil Filtration 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)
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.
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
New Koyna - Niwali	IntraState	24/12/2020	08.30	24/12/2020	18.23	PO	Cold & Chemical washing Washing of insulators, tree cutting work at loc nos. 1-13, 6-195, 1-53
Vita - Ghatnandre	IntraState	24/12/2020	10.00	24/12/2020	18.10	PO	Cold washing of insulators
Roma-Bhavegar	IntraState	24/12/2020	10.07	24/12/2020	18.03	PO	Diagnostic testing work.
Taloja II - OCIL-I	IntraState	24/12/2020	10.11	24/12/2020	13.38	PO	R ph LA replacement work at taloja ss. & R ph CT hot spot attending work at ocil end
Chinchwad-Hinjewadi I	IntraState	24/12/2020	11.14	24/12/2020	18.37	HT	Load management.
Sahara-Urse	IntraState	24/12/2020	11.36	24/12/2020	17.42	HT	For load management.
TALEGAON - TALEGAON ambi (PG) -I	IntraState	24/12/2020	12.22	24/12/2020	17.30	PO	Half yearly maintenance Diagnostic testing work.
Adlabs - Pedambe	IntraState	24/12/2020	13.48	24/12/2020	15.05	T	R-Ph, 9.56KM, 4.27K AMP, Line tripped from pedambe end only.
Ranjangaon-Lonikand	IntraState	24/12/2020	16.27	24/12/2020	20.10	PO	Replacement R ph LA having 1000 micro Amp leakage current.

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