

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Dec/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.225	3236.616	1) Gujrat	1.446	36.882
2) Hydro	13.125	202.997	2) Madhya Pradesh	5.913	158.845
3) Gas	6.842	150.880	3) Chattisgarh	5.510	143.310
Total MSPGCL	153.192	3590.493	4) Maharashtra	142.366	3153.129
B) 1) APML	30.151	1237.621	5) Goa (Amona)	-1.202	-31.843
2) JSWEL	18.905	418.207	Total	154.033	3460.323
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.433	390.907
4) RPL(AMT)	23.615	121.012	b) Mumbai Drawl	14.946	455.132
5) WPCL	7.971	167.629	c) MSEDCL Bilateral *	36.856	812.960
6) Other IPP	17.887	399.982	Include PX	8.672	186.048
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.433	389.930
C) 1) TPCL Thermal	13.775	307.103	Include PX	8.064	225.675
2) TPCL Hydro	3.271	72.308	Standby	0.000	0.978
3) TPCL Gas	4.412	84.177	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.696	211.941	1) MSEDCL	405.617	9362.222
D) STATE			2) Mumbai Discoms	46.101	1130.661
1) Thermal	255.225	6100.111	TOTAL STATE	451.718	10492.883
(A1+C1+C4+(B1-B6))					
2) Hydro	16.396	275.305			
(A2+C2)					
3) Gas	11.254	235.057			
(A3+B7+C3)					
4) Wind	7.517	276.983			
6) SOLAR	7.292	145.104			
TOTAL STATE	297.684	7032.560			

* 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	5871	5678	5873	4602
MSPGCL Hydro	1090	826	614	112
MSPGCL Gas	280	270	282	296
MSPGCL Total Generation	7240	6774	6768	5010
Central Sector Receipt	8064	7746	6201	5592
WIND	87	71	289	383
CPP / IPP Thermal	4564	4503	4669	3645
CPP / IPP Gas	0	0	0	0
SOLAR	1032	1059	0	0
Exchange with Mumbai	-759	-738	-695	-453
MSEDCL DEMAND MET	20229	19414	17232	14178
Load Shedding	0	0	0	0
MSEDCL DEMAND	20229	19414	17232	14178
TPCL GENERATION	1109	1111	1103	600
AEML GENERATION	498	497	501	282
MUMBAI DEMAND	2366	2346	2299	1335
STATE DEMAND MET	22595	21760	19532	15512
STATE DEMAND	22595	21760	19532	15512
Frequency (Hz)	49.99	50.00	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.01 Hrs	49.79 Hz at 07.50 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 23/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.76	49.40	190	125
Unit 7	2.80	29.42	134	96
Unit 8	10.81	282.32	495	406
Unit 9	0.00	203.47	0	0
Unit 10	4.70	5.79	330	0
Total	22.07	570.40		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	222.91	0	0
Unit 5	11.52	244.50	500	335
Total	11.52	467.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.35	113.48	239	97
Unit 7	5.14	115.98	248	156
Unit 8	5.16	110.18	250	157
Total	13.65	339.64		
Chandrapur				
Unit 3	3.66	74.11	165	122
Unit 4	3.52	82.50	155	135
Unit 5	9.59	207.90	430	280
Unit 6	9.31	174.62	420	280
Unit 7	9.90	133.10	460	275
Unit 8	0.00	208.25	0	0
Unit 9	11.35	227.68	485	459
Total	47.33	1108.16		
Paras				
Unit 3	5.55	103.30	250	170
Unit 4	5.22	107.98	244	109
Total	10.76	211.28		
Khaparkheda				
Unit 1	3.50	78.14	160	105
Unit 2	3.82	85.80	180	115
Unit 3	3.46	6.27	160	128
Unit 4	3.97	94.51	190	130
Unit 5	9.65	203.74	418	390
Total	24.42	468.46		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.48	63.55	195	126
Unit 5	0.00	0.00	0	0
Total	3.48	71.25		
Uran				
All Units	6.84	150.88	307	235
Total	6.84	150.88		
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)	0.46	2.78	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.46	2.78		
Koyna				
Stage 1-2	2.96	71.76	505	40
Stage 4	5.48	52.31	750	0
Stage 3	1.51	26.87	240	0
Total	9.94	150.94		
Hydro				
KDPH	0.44	6.38	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.23	1.44	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	4.34	40	0
RNGR+BHTSA	0.36	8.04	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	10.36	20	19
GHATGHAR	1.49	21.50	250	0
Total	3.18	52.06		
Wind				
Total	7.52	276.98	0	0
Total	7.52	276.98		
CPP				
APML(Mus)	30.15	1237.62	0	0
JSWEL(Mus)	18.90	418.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	23.62	121.01	0	0
WPCL(Mus)	7.97	167.63	0	0
Other(Mus)	17.89	399.98	0	0
Total	98.53	2344.45		
SOLAR				
Total	7.29	145.10	0	0
Total	7.29	145.10		
Tata				
Trombay 5	9.19	203.10	473	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	52.11	117	116
Trombay 7B	1.60	32.07	68	66
Trombay 8	4.58	104.00	236	137
TATA Hydro	3.27	72.31	229	0
Total	21.46	463.59		
AEML				
DTPS U-1&2	9.70	211.94	501	281
Total	9.70	211.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.22	3236.62	MSPGCL Total	153.19	3590.49
			MSPGCL Thml+Gas	140.07	3387.50	Koyna 1,2 & 4 Total	8.43	124.07
			MSPGCL Hydro	13.12	203.00	State Total	297.68	7032.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5334	102	235	5672	511	3467	0	0	5350	5230	-622	14258	0	14258	1540	15798	49.98
2	4897	92	286	5276	454	3510	0	0	5468	5400	-554	14085	0	14085	1449	15534	49.96
3	4868	98	295	5260	425	3603	0	0	5441	5348	-499	14138	0	14138	1380	15518	49.99
4	4602	112	296	5010	383	3645	0	0	5465	5592	-453	14178	0	14178	1335	15512	49.97
5	5461	144	296	5900	470	3749	0	0	5476	5258	-461	14916	0	14916	1343	16260	50.01
6	5593	108	307	6008	499	3772	0	0	6187	5793	-536	15536	0	15536	1420	16956	49.99
7	5680	210	306	6196	502	3916	0	43	6801	6467	-470	16654	0	16654	1521	18175	50.00
8	5786	1466	297	7550	373	4325	0	133	6588	6571	-281	18670	0	18670	1686	20356	49.99
9	5740	1622	296	7658	277	4338	0	492	6916	7219	-456	19528	0	19528	1930	21458	50.02
10	5766	1636	295	7696	230	4560	0	769	7191	7347	-603	20000	0	20000	2154	22154	50.04
11	5869	1288	293	7450	168	4556	0	915	7506	7743	-697	20136	0	20136	2315	22451	50.02
12	5871	1090	280	7240	87	4564	0	1032	7838	8064	-759	20229	0	20229	2366	22595	49.99
13	5678	826	270	6774	71	4503	0	1059	7687	7746	-738	19414	0	19414	2346	21760	50.00
14	5643	556	268	6466	57	4460	0	1006	7914	7876	-640	19226	0	19226	2233	21458	49.99
15	5620	268	278	6166	43	4402	0	813	8076	7932	-649	18706	0	18706	2242	20948	49.97
16	5686	474	268	6428	95	4524	0	653	7818	7748	-648	18800	0	18800	2250	21050	50.01
17	5850	722	268	6840	47	4532	0	330	7075	6837	-618	17968	0	17968	2227	20195	50.00
18	5858	820	280	6958	139	4656	0	47	6269	6210	-606	17404	0	17404	2219	19623	49.99
19	5873	614	282	6768	289	4669	0	0	5972	6201	-695	17232	0	17232	2299	19532	50.03
20	5924	236	282	6442	359	4423	0	0	6017	5997	-701	16520	0	16520	2260	18780	50.02
21	5796	104	283	6182	363	3920	0	0	5696	5556	-988	15033	0	15033	2123	17156	50.00
22	5750	238	293	6282	538	3699	0	0	5567	5284	-877	14926	0	14926	1978	16904	50.03
23	5263	98	294	5656	566	3432	0	0	5566	5171	-746	14078	0	14078	1810	15888	50.00
24	4817	204	294	5314	571	3304	0	0	5424	5443	-649	13984	0	13984	1674	15658	50.03
MUs	133.23	13.12	6.84	153.19	7.52	98.53	0.00	7.29	155.31	154.03	-14.95	405.62	0.00	405.62	46.10	451.72	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 23/Dec/2020

Position as on 6.30 Hrs of 24/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00	23/12/2020	02.48	Zero Schedule By MSEDCL.	
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)	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30	23/12/2020	01.25	Zero Schedule By MSEDCL.	
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	Khaparkheda Unit 3	210	22/12/2020	08.27	23/12/2020	11.09	Reheat protection	
MSPGCL	Koradi Unit 9	660	22/12/2020	22.38		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	23/12/2020	12.15	23/12/2020	15.23	Turbine Tripped.	
IPP	Adani U-3	660	23/12/2020	23.59		Continued.	Turbine Bearing Vibration.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 24/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 II	InterState	19/12/2020	20.02	23/12/2020	11.06	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/12/2020	12.45		Continued.	PO	Replacement of damaged earthwire,disc insulator & O.M.work (RFC @ 15:55hrs)
Dhule Sar'Sarovar I	InterState	23/12/2020	13.49		Continued.	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
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).
Padghe - Nagothane - I	IntraState	22/12/2020	02.04	23/12/2020	10.59	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	22/12/2020	19.43	23/12/2020	07.01	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/12/2020	19.47	23/12/2020	06.37	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	23/12/2020	06.53	23/12/2020	21.25	PO	Shifting of line on ERS towers for erection of proposed tower below the existing line for railways height raising work.
Chandrapur-II - Nanded ckt II	IntraState	23/12/2020	09.48	23/12/2020	17.51	PO	Diagnostic Testing work.
Bhusawal-Aurangabad	IntraState	23/12/2020	20.04		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	23/12/2020	21.17	24/12/2020	04.56	PO	Attending Hot Spot
Padghe - Nagothane - I	IntraState	23/12/2020	22.48		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
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.
Koradi-Butibori Rly Tss	IntraState	18/12/2020	09.04		Continued.	PO	For loop in loop out work at LOC. no.38 & Loc no.55.
Butibori-Abhijeet	IntraState	18/12/2020	09.10		Continued.	PO	For loop in loop out work at Loc no.38 & Loc no.55.
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
New Koyana - Niwali	IntraState	23/12/2020	09.40	23/12/2020	18.11	PO	Foe Cold & Chemical Washing, Washing Of Insulator< Tree Cutting.
Vita - Ghatnandre	IntraState	23/12/2020	10.00	23/12/2020	17.34	PO	Cold Washing Insulator.
Nadgaonpeth-Amravati	IntraState	23/12/2020	10.33	23/12/2020	17.31	PO	For Diagnostic Testing Work.
Gadchandur - Virur-I	IntraState	23/12/2020	11.24	23/12/2020	17.20	PO	Testing Work
Osmanabad - Barshi	IntraState	23/12/2020	11.39	23/12/2020	16.42	PO	Work At Barshi.

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 23/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 24/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar-Gangapur	IntraState	23/12/2020	14.30	23/12/2020	19.30	PO	Replacement Of Jumper With Jump Cone At Location No. 323.324.328.329.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil Filtration Work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	23/12/2020	11.21	23/12/2020	18.27	PO	Routine Maintenance Work