

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Dec/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.326	3103.391	1) Gujrat	0.390	35.436
2) Hydro	18.703	189.872	2) Madhya Pradesh	5.380	152.932
3) Gas	6.810	144.038	3) Chattisgarh	5.890	137.800
Total MSPGCL	154.839	3437.301	4) Maharashtra	144.540	3010.763
B) 1) APLM	31.109	1207.470	5) Goa (Amona)	-1.336	-30.641
2) JSWEL	19.241	399.302	Total	154.864	3306.290
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.059	374.475
4) RPL(AMT)	15.852	97.397	b) Mumbai Drawl	14.480	440.186
5) WPCL	7.908	159.658	c) MSEDCL Bilateral *	37.904	776.105
6) Other IPP	18.334	382.095	Include PX	8.045	177.376
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.059	373.497
C) 1) TPCL Thermal	14.114	293.328	Include PX	8.273	217.611
2) TPCL Hydro	3.516	69.037	Standby	0.000	0.978
3) TPCL Gas	4.415	79.765	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.904	202.245	1) MSEDCL	404.397	8956.605
D) STATE			2) Mumbai Discoms	46.429	1084.560
1) Thermal	245.788	5844.886	TOTAL STATE	450.826	10041.165
(A1+C1+C4+(B1-B6))					
2) Hydro	22.219	258.909			
(A2+C2)					
3) Gas	11.225	223.803			
(A3+B7+C3)					
4) Wind	9.442	269.466			
6) SOLAR	7.288	137.812			
TOTAL STATE	295.962	6734.876			

* 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	5469	5478	5760	4730
MSPGCL Hydro	1622	1161	1046	189
MSPGCL Gas	280	279	282	295
MSPGCL Total Generation	7371	6918	7088	5214
Central Sector Receipt	8435	7995	5967	5070
WIND	205	151	375	744
CPP / IPP Thermal	4077	3999	4195	3496
CPP / IPP Gas	0	0	0	0
SOLAR	1047	1083	0	0
Exchange with Mumbai	-762	-801	-684	-510
MSEDCL DEMAND MET	20373	19345	16941	14014
Load Shedding	0	0	0	0
MSEDCL DEMAND	20373	19345	16941	14014
TPCL GENERATION	1098	1019	1109	602
AEML GENERATION	496	497	498	282
MUMBAI DEMAND	2356	2317	2291	1394
STATE DEMAND MET	22729	21662	19232	15408
STATE DEMAND	22729	21662	19232	15408
Frequency (Hz)	50.02	50.03	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.01 Hrs	49.8 Hz at 09.45 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 22/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.68	45.65	180	115
Unit 7	2.61	26.63	125	90
Unit 8	9.13	271.50	575	245
Unit 9	9.52	203.47	475	0
Unit 10	1.08	1.08	190	0
Total	26.03	548.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	222.91	0	0
Unit 5	11.16	232.99	500	280
Total	11.16	455.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.31	110.13	250	103
Unit 7	5.23	110.84	249	158
Unit 8	0.92	105.02	184	0
Total	10.46	325.99		
Chandrapur				
Unit 3	3.66	70.45	165	123
Unit 4	3.60	78.98	155	140
Unit 5	8.76	198.31	440	275
Unit 6	9.35	165.31	430	280
Unit 7	10.06	123.20	465	275
Unit 8	0.00	208.25	0	0
Unit 9	11.29	216.33	490	455
Total	46.72	1060.83		
Paras				
Unit 3	5.58	97.75	250	155
Unit 4	1.63	102.77	235	0
Total	7.20	200.52		
Khaparkheda				
Unit 1	3.61	74.64	165	115
Unit 2	3.92	81.98	185	115
Unit 3	2.48	2.80	141	0
Unit 4	4.27	90.54	192	135
Unit 5	9.61	194.08	405	385
Total	23.90	444.04		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.86	60.07	193	124
Unit 5	0.00	0.00	0	0
Total	3.86	67.77		
Uran				
All Units	6.81	144.04	307	254
Total	6.81	144.04		
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)	0.27	2.31	30	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.27	2.31		
Koyna				
Stage 1-2	5.62	68.80	575	45
Stage 4	7.03	46.84	750	0
Stage 3	2.75	25.35	320	0
Total	15.41	140.99		
Hydro				
KDPH	0.44	5.93	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.49	1.20	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	4.16	40	0
RNGR+BHTSA	0.36	7.68	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	9.88	20	19
GHATGHAR	1.36	20.02	250	0
Total	3.29	48.88		
Wind				
Total	9.44	269.47	0	0
Total	9.44	269.47		
CPP				
APML(Mus)	31.11	1207.47	0	0
JSWEL(Mus)	19.24	399.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.85	97.40	0	0
WPCL(Mus)	7.91	159.66	0	0
Other(Mus)	18.33	382.10	0	0
Total	92.44	2245.92		
SOLAR				
Total	7.29	137.81	0	0
Total	7.29	137.81		
Tata				
Trombay 5	9.39	193.91	472	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	49.30	117	116
Trombay 7B	1.61	30.46	68	66
Trombay 8	4.72	99.42	239	135
TATA Hydro	3.52	69.04	366	0
Total	22.04	442.13		
AEML				
DTPS U-1&2	9.90	202.24	500	280
Total	9.90	202.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.33	3103.39	MSPGCL Total	154.84	3437.30
			MSPGCL Thml+Gas	136.14	3247.43	Koyna 1,2 & 4 Total	12.66	115.64
			MSPGCL Hydro	18.70	189.87	State Total	295.96	6734.88

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4886	99	295	5280	838	3494	0	0	5380	5376	-685	14303	0	14303	1606	15909	49.97
2	4829	99	295	5223	819	3490	0	0	5382	5077	-589	14020	0	14020	1509	15528	49.98
3	4734	104	296	5134	739	3502	0	0	5318	5215	-546	14044	0	14044	1441	15485	50.00
4	4730	189	295	5214	744	3496	0	0	5258	5070	-510	14014	0	14014	1394	15408	49.99
5	4975	244	296	5515	660	3470	0	0	5355	5500	-510	14635	0	14635	1392	16027	50.00
6	5465	159	295	5919	485	3482	0	0	5971	6242	-563	15564	0	15564	1463	17028	49.98
7	5659	367	307	6333	358	3735	0	11	6600	6421	-273	16585	0	16585	1574	18159	49.99
8	5667	1404	306	7377	335	4024	0	150	6536	6645	-305	18226	0	18226	1729	19955	49.95
9	5424	1865	296	7585	212	4145	0	459	6254	7277	-338	19340	0	19340	1973	21313	49.93
10	5353	1963	293	7609	210	4157	0	776	6819	7335	-449	19638	0	19638	2189	21827	49.89
11	5398	1902	272	7572	177	4098	0	955	7926	8215	-628	20389	0	20389	2325	22714	49.97
12	5469	1622	280	7371	205	4077	0	1047	8410	8435	-762	20373	0	20373	2356	22729	50.02
13	5478	1161	279	6918	151	3999	0	1083	7997	7995	-801	19345	0	19345	2317	21662	50.03
14	5496	1296	258	7050	96	4049	0	911	7643	7751	-686	19171	0	19171	2207	21378	50.04
15	5450	504	278	6232	78	3994	0	820	8084	7658	-660	18122	0	18122	2199	20321	49.99
16	5350	763	269	6382	68	4047	0	661	7787	7683	-591	18250	0	18250	2217	20467	50.02
17	5468	1538	269	7275	81	4111	0	373	7020	7008	-581	18267	0	18267	2221	20488	49.96
18	5636	1401	280	7317	209	4162	0	42	6340	6487	-598	17620	0	17620	2217	19836	49.97
19	5760	1046	282	7088	375	4195	0	0	6058	5967	-684	16941	0	16941	2291	19232	50.00
20	5799	498	283	6580	508	4122	0	0	6029	6026	-656	16580	0	16580	2257	18838	50.03
21	5725	116	283	6124	569	3925	0	0	5875	5848	-784	15682	0	15682	2135	17817	50.01
22	5745	151	294	6190	535	3680	0	0	5435	5220	-842	14783	0	14783	1966	16749	50.03
23	5508	106	254	5868	498	3485	0	0	5416	5250	-743	14358	0	14358	1774	16132	50.01
24	5322	106	255	5683	492	3507	0	0	5389	5163	-696	14149	0	14149	1677	15826	50.02
MUs	129.33	18.70	6.81	154.84	9.44	92.44	0.00	7.29	154.28	154.86	-14.48	404.40	0.00	404.40	46.43	450.83	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 22/Dec/2020

Position as on 6.30 Hrs of 23/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	Koradi Unit 10	660	09/11/2020	01.28	22/12/2020	16.30	Air heater problem(Converted in to Annual Overhaul.From	
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	Parli Unit 8	250	20/12/2020	17.24	22/12/2020	17.42	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	21/12/2020	20.41		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	22/12/2020	08.10	22/12/2020	23.35	Electrical protection.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Tripping for 22/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 23/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/Tripping							
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		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	22/12/2020	12.20	22/12/2020	12.43	HT	To take L/R in service at akola end.
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(MS)- Dhule(BDTCL) -1	InterState	22/12/2020	13.56	22/12/2020	15.26	T	Bus bar protection operated at bus-1.
Dhule Khandwa II	InterState	22/12/2020	13.56	22/12/2020	15.45	T	Bus bar protection operated at bus-1.
Dhule Sar'Sarovar I	InterState	22/12/2020	13.56	22/12/2020	16.01	T	Bus bar protection operated at bus-1.
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		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	22/12/2020	13.56	22/12/2020	15.44	T	Bus bar protection operated at bus-1.
Dhule- Bableshwar - 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
400 KV ICT Outages/Tripping							
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
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	22/12/2020	13.56	22/12/2020	14.48	T	Bus bar protection operated at bus-1.
400/15.75 KV 250MVA GT II @ Chandrapur	IntraState	22/12/2020	17.48	22/12/2020	19.02	PO	AMR meter installation.
220 KV LINE Outages/Tripping							
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.
Adlabs - Pedambe	IntraState	21/12/2020	06.50	22/12/2020	14.26	PO	Erection of New Tower
Mahad - Pedambe	IntraState	21/12/2020	07.36	22/12/2020	14.25	PO	Erection of New Tower
Chinchwad- Parvati	IntraState	21/12/2020	12.06		Continued.	PO	CB Overhauling work
Mumewadi -Halkarni ckt-II	IntraState	22/12/2020	07.27	22/12/2020	18.08	PO	Testing & Commissioning of new control & relay panels.
Malharpeth - Karad(400kv)	IntraState	22/12/2020	09.36	22/12/2020	14.19	PO	CRM vales of 220kv.
ALKUD - MENDHEGIRI CKT - 1	IntraState	22/12/2020	13.35	22/12/2020	17.57	PO	Jumpering for metering bay.
Dhule - Dondaicha Ckt	IntraState	22/12/2020	13.56	22/12/2020	15.03	T	Bus bar protection operated at bus-1.
Dhule-Amalner(220kv)	IntraState	22/12/2020	13.56	22/12/2020	15.13	T	Bus bar protection operated at bus-1.

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 22/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 23/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 KV 100MVA ICT-I @ Ghatodi	IntraState	17/12/2020	11.32		Continued.	PO	For oil Filtration Work.
220/132kv 100 Mva Ict 2 @Peth	IntraState	22/12/2020	10.02	22/12/2020	15.07	PO	Replacement of 198Kv LA for 220/132Kv 100MVA ICT-2 (HV side)
220/132 KV 100MVA ICT-II @ Bhokar	IntraState	22/12/2020	12.05	22/12/2020	18.15	PO	Testing & maintenance work.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	22/12/2020	14.44	22/12/2020	22.35	T	Internal fault, Master trip.