

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.917	128.917	1) Gujrat	1.551	1.551
2) Hydro	18.681	18.681	2) Madhya Pradesh	8.784	8.784
3) Gas	6.675	6.675	3) Chattisgarh	7.620	7.620
Total MSPGCL	154.273	154.273	4) Maharashtra	138.666	138.666
B) 1) APMIL	74.059	74.059	5) Goa (Amona)	-1.476	-1.476
2) JSWEL	19.158	19.158	Total	155.145	155.145
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.909	20.909
4) RPL(AMT)	0.020	0.020	b) Mumbai Drawl	24.780	24.780
5) WPCL	8.097	8.097	c) MSEDCL Bilateral *	40.143	40.143
6) Other IPP	16.712	16.712	Include PX	9.361	9.361
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.909	20.909
C) 1) TPCL Thermal	14.077	14.077	Include PX	12.717	12.717
2) TPCL Hydro	3.037	3.037	Standby	0.000	0.000
3) TPCL Gas	3.218	3.218	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.973	9.973	1) MSEDCL	416.392	416.392
D) STATE			2) Mumbai Discoms	55.085	55.085
1) Thermal	271.013	271.013	TOTAL STATE	471.477	471.477
(A1+C1+C4+(B1-B6))					
2) Hydro	21.718	21.718			
(A2+C2)					
3) Gas	9.893	9.893			
(A3+B7+C3)					
4) Wind	7.288	7.288			
6) SOLAR	6.420	6.420			
TOTAL STATE	316.332	316.332			

* 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	5192	5156	5430	5634
MSPGCL Hydro	1824	1601	747	72
MSPGCL Gas	266	267	289	271
MSPGCL Total Generation	7282	7024	6466	5977
Central Sector Receipt	7880	7936	5824	5238
WIND	359	350	288	363
CPP / IPP Thermal	5085	5055	5189	4487
CPP / IPP Gas	0	0	0	0
SOLAR	952	952	0	0
Exchange with Mumbai	-1326	-1339	-901	-1046
MSEDCL DEMAND MET	20232	19978	16866	15019
Load Shedding	0	0	0	0
MSEDCL DEMAND	20232	19978	16866	15019
TPCL GENERATION	933	913	1231	551
AEML GENERATION	499	500	499	283
MUMBAI DEMAND	2758	2752	2631	1880
STATE DEMAND MET	22990	22730	19497	16899
STATE DEMAND	22990	22730	19497	16899
Frequency (Hz)	50.00	49.99	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.01 Hrs	49.85 Hz at 04.15 Hrs	50.01	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 01/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	1.34	1.34	150	0
Unit 7	0.00	0.00	0	0
Unit 8	13.75	13.75	603	440
Unit 9	8.53	8.53	550	0
Unit 10	0.00	0.00	0	0
Total	23.61	23.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.46	11.46	500	445
Unit 5	11.06	11.06	490	400
Total	22.53	22.53		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.74	4.74	245	139
Unit 7	5.42	5.42	249	173
Unit 8	5.62	5.62	250	197
Total	15.78	15.78		
Chandrapur				
Unit 3	4.08	4.08	173	161
Unit 4	3.78	3.78	165	140
Unit 5	9.44	9.44	426	384
Unit 6	9.66	9.66	417	385
Unit 7	0.00	0.00	0	0
Unit 8	11.06	11.06	475	450
Unit 9	2.99	2.99	475	0
Total	41.00	41.00		
Paras				
Unit 3	4.58	4.58	240	150
Unit 4	5.58	5.58	240	203
Total	10.15	10.15		
Khaparkheda				
Unit 1	3.89	3.89	165	160
Unit 2	3.74	3.74	170	135
Unit 3	0.00	0.00	0	0
Unit 4	4.53	4.53	190	170
Unit 5	0.00	0.00	0	0
Total	12.16	12.16		
Nasik				
Unit 3	3.68	3.68	175	126
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.68	3.68		
Uran				
All Units	6.68	6.68	292	266
Total	6.68	6.68		
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)	0.05	0.05	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.05		
Koyna				
Stage 1-2	5.64	5.64	575	45
Stage 4	8.26	8.26	750	0
Stage 3	2.98	2.98	320	0
Total	16.89	16.89		
Hydro				
KDPH	0.00	0.00	0	0
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.	0.13	0.13	40	0
RNGR+BHTSA	0.35	0.35	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	0.33	14	13
GHATGHAR	0.98	0.98	147	0
Total	1.80	1.80		
Wind				
Total	7.29	7.29	0	0
Total	7.29	7.29		
CPP				
APML(Mus)	74.06	74.06	0	0
JSWEL(Mus)	19.16	19.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.02	0.02	0	0
WPCL(Mus)	8.10	8.10	0	0
Other(Mus)	16.71	16.71	0	0
Total	118.05	118.05		
SOLAR				
Total	6.42	6.42	0	0
Total	6.42	6.42		
Tata				
Trombay 5	9.26	9.26	463	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.90	1.90	112	62
Trombay 7B	1.32	1.32	65	49
Trombay 8	4.82	4.82	232	136
TATA Hydro	3.04	3.04	424	2
Total	20.33	20.33		
AEML				
DTPS U-1&2	9.97	9.97	500	280
Total	9.97	9.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.92	128.92	MSPGCL Total	154.27	154.27
			MSPGCL Thml+Gas	135.59	135.59	Koyna 1,2 & 4 Total	13.90	13.90
			MSPGCL Hydro	18.68	18.68	State Total	316.33	316.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5728	72	291	6091	413	4544	0	0	5852	5395	-1116	15327	0	15327	2014	17341	49.98
2	5634	72	271	5977	363	4487	0	0	5855	5238	-1046	15019	0	15019	1880	16899	50.00
3	5670	77	291	6038	305	4328	0	0	5784	5518	-968	15221	0	15221	1779	17000	49.99
4	5660	82	290	6032	262	4422	0	0	5544	5421	-905	15232	0	15232	1714	16946	49.99
5	5699	72	282	6053	187	4503	0	0	5739	5958	-872	15829	0	15829	1702	17531	50.00
6	5906	196	281	6383	172	5012	0	0	5806	5974	-639	16902	0	16902	1768	18670	49.97
7	5380	827	291	6498	230	5072	0	5	6522	6739	-529	18015	0	18015	1832	19847	50.01
8	4945	1392	292	6629	232	5127	0	123	6857	7121	-637	18595	0	18595	1957	20552	50.05
9	4947	1562	281	6790	196	5191	0	465	6908	7122	-863	18901	0	18901	2201	21102	50.05
10	4994	1684	280	6958	225	5208	0	704	7147	7170	-1077	19188	0	19188	2481	21669	50.05
11	5112	1723	268	7103	336	5146	0	854	7535	7851	-1253	20037	0	20037	2683	22720	50.00
12	5192	1824	266	7282	359	5085	0	952	7833	7880	-1326	20232	0	20232	2758	22990	50.00
13	5156	1601	267	7024	350	5055	0	952	8006	7936	-1339	19978	0	19978	2752	22730	49.99
14	5146	1005	266	6417	291	5054	0	840	7920	7774	-1263	19113	0	19113	2669	21782	50.05
15	5119	1314	266	6699	308	5044	0	745	7902	7933	-1288	19441	0	19441	2691	22132	50.04
16	5166	1554	268	6988	326	5062	0	532	7690	7536	-1228	19216	0	19216	2699	21915	50.00
17	5345	1074	277	6696	273	5112	0	225	7008	6895	-929	18272	0	18272	2662	20934	50.01
18	5463	1057	268	6788	287	5131	0	23	6137	6167	-842	17554	0	17554	2599	20153	50.01
19	5430	747	289	6466	288	5189	0	0	5984	5824	-901	16866	0	16866	2631	19497	50.01
20	5433	384	270	6087	290	5128	0	0	6001	5723	-913	16315	0	16315	2558	18873	49.99
21	5405	130	279	5814	383	4828	0	0	5795	5575	-1162	15438	0	15438	2431	17869	49.98
22	5440	84	280	5804	402	4823	0	0	5479	5464	-1138	15355	0	15355	2308	17663	50.04
23	5470	74	281	5825	393	4950	0	0	5521	5339	-1245	15262	0	15262	2189	17451	50.02
24	5477	74	280	5831	417	4545	0	0	5855	5592	-1301	15084	0	15084	2127	17211	50.02
MUs	128.92	18.68	6.68	154.27	7.29	118.05	0.00	6.42	156.68	155.14	-24.78	416.39	0.00	416.39	55.08	471.48	50.01

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 01/Dec/2020

Position as on 6.30 Hrs of 02/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		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital 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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41	01/12/2020	11.05	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	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-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15	01/12/2020	23.23	Zero Schedule By MSEDCL	
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	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Nasik Unit 4	210	27/11/2020	20.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Khaparkheda Unit 5	500	30/11/2020	07.59	02/12/2020	06.56	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	01/12/2020	06.23	01/12/2020	09.56	Fire on Boiler Feed Pump	
MSPGCL	Chandrapur Unit 9	500	01/12/2020	07.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 02/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	30/11/2020	19.39	01/12/2020	11.14	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/12/2020	18.28		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).
Dhule- Bableshtar - I	IntraState	30/11/2020	18.01	01/12/2020	07.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2020	18.10	01/12/2020	07.22	HT	Over Voltage
Akola - Bhusawal	IntraState	01/12/2020	08.38	01/12/2020	17.15	PO	For Conversion Of CT Ratio From 1000 To 2000 amp & Routine bay Maintenance Work.
Dhule - Bableshtar - II	IntraState	01/12/2020	17.22	02/12/2020	07.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/12/2020	19.42	02/12/2020	06.57	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)
Tillari Amona	InterState	02/11/2020	14.30	02/12/2020	07.14	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.(Charge From Tillari end only)
PARLY (PG) - OLD GCR PARLI	InterState	01/12/2020	10.53	01/12/2020	17.51	PO	Tightening Of loose Nut bolts of Cut point locations 1,3,5,9.
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 - Mulund	IntraState	29/11/2020	06.57		Continued.	PO	Stringing of HTLS conductor
Sawantwadi-Bidri	IntraState	01/12/2020	08.15	01/12/2020	20.15	PO	For Chemical Washing of Insulator of the Line.
Oni Kharepatan Line	IntraState	01/12/2020	08.31	01/12/2020	10.15	PO	For Cold Washing Of Insulator Strings At Loc. Nos 297-345.
Talandge(400kv)- Ichalkaranji ckt-2	IntraState	01/12/2020	09.27	01/12/2020	13.58	PO	Quarterly Maintenance Work.CT C & Tan Delta Testing.CB CRM & timing Testing.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	01/12/2020	09.30	01/12/2020	18.15	PO	R,Y,B Phase Conductor restraining at loc No 132 to 151.
Mahad - Pedambe	IntraState	01/12/2020	13.00	01/12/2020	18.50	PO	For Chemical washing of insulator strings at loc Nos 86=103 Which are located in Chemically Contaminated area of lote(P) MIDC area & Cold Washing At Loc nos.34,86,104-134.
220 KV ICT Outages/Trippings							
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	01/12/2020	10.22	01/12/2020	18.20	PO	132KV B ph LA replacement work.

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