

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Dec/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	154.131	1526.832	1) Gujrat	2.284	23.219
2) Hydro	7.628	83.770	2) Madhya Pradesh	9.843	76.953
3) Gas	6.213	73.642	3) Chattisgarh	7.220	69.200
Total MSPGCL	167.972	1684.244	4) Maharashtra	133.564	1484.232
B) 1) APLM	67.156	753.921	5) Goa (Amona)	-1.278	-17.227
2) JSWEL	15.110	199.901	Total	151.633	1636.377
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.765	188.390
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	23.727	247.902
5) WPCL	7.349	78.008	c) MSEDCL Bilateral *	30.615	351.843
6) Other IPP	17.587	186.399	Include PX	4.462	66.092
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.765	187.412
C) 1) TPCL Thermal	12.391	146.771	Include PX	12.815	112.942
2) TPCL Hydro	4.328	33.637	Standby	0.000	0.978
3) TPCL Gas	3.213	39.826	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.279	98.499	1) MSEDCL	415.756	4537.936
D) STATE			2) Mumbai Discoms	51.938	566.636
1) Thermal	282.003	3021.376	TOTAL STATE	467.694	5104.572
(A1+C1+C4+(B1-B6))					
2) Hydro	11.956	117.407			
(A2+C2)					
3) Gas	9.426	113.468			
(A3+B7+C3)					
4) Wind	8.450	142.220			
6) SOLAR	4.226	73.723			
TOTAL STATE	316.061	3468.194			

* 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 24 Hrs
MSPGCL Thermal	6851	6941	6700	5294
MSPGCL Hydro	1176	794	96	94
MSPGCL Gas	281	280	289	140
MSPGCL Total Generation	8308	8016	7086	5528
Central Sector Receipt	7299	7238	6452	5521
WIND	143	89	180	574
CPP / IPP Thermal	4993	4975	4483	3978
CPP / IPP Gas	0	0	0	0
SOLAR	636	633	0	0
Exchange with Mumbai	-1006	-1051	-1229	-1070
MSEDCL DEMAND MET	20374	19900	16972	14532
Load Shedding	0	0	0	0
MSEDCL DEMAND	20374	19900	16972	14532
TPCL GENERATION	1049	1000	916	636
AEML GENERATION	499	499	282	282
MUMBAI DEMAND	2554	2550	2427	1988
STATE DEMAND MET	22928	22450	19398	16520
STATE DEMAND	22928	22450	19398	16520
Frequency (Hz)	49.98	49.97	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.77 Hz at 09.14 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 11/Dec/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	23.18	0	0
Unit 7	0.00	10.70	0	0
Unit 8	14.43	141.36	670	530
Unit 9	12.66	79.67	531	510
Unit 10	0.00	0.00	0	0
Total	27.08	254.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.66	117.13	500	280
Unit 5	10.66	117.12	500	285
Total	21.32	234.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.22	55.12	250	186
Unit 7	5.05	56.09	248	178
Unit 8	5.38	59.25	251	197
Total	15.65	170.46		
Chandrapur				
Unit 3	3.26	40.17	167	0
Unit 4	3.55	39.44	160	135
Unit 5	8.97	99.43	435	275
Unit 6	8.61	96.55	405	279
Unit 7	8.87	22.45	458	271
Unit 8	11.13	121.21	480	449
Unit 9	11.53	92.64	497	460
Total	55.92	511.88		
Paras				
Unit 3	5.45	57.65	250	132
Unit 4	5.52	47.89	250	187
Total	10.98	105.54		
Khaparkheda				
Unit 1	3.59	40.72	165	55
Unit 2	2.62	41.28	180	0
Unit 3	0.00	0.00	0	0
Unit 4	4.14	45.57	190	140
Unit 5	9.59	90.84	405	388
Total	19.93	218.41		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.25	23.69	147	129
Unit 5	0.00	0.00	0	0
Total	3.25	31.40		
Uran				
All Units	6.21	73.64	292	131
Total	6.21	73.64		
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	0.91	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.91		
Koyna				
Stage 1-2	2.54	32.74	450	45
Stage 4	1.86	19.83	491	0
Stage 3	0.92	11.31	160	0
Total	5.33	63.87		
Hydro				
KDPH	0.44	1.04	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.22	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	1.72	40	0
RNGR+BHTSA	0.34	3.82	15	7
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	3.78	19	18
GHATGHAR	0.83	9.32	246	0
Total	2.30	19.90		
Wind				
Total	8.45	142.22	0	0
Total	8.45	142.22		
CPP				
APML(Mus)	67.16	753.92	0	0
JSWEL(Mus)	15.11	199.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	7.35	78.01	0	0
Other(Mus)	17.59	186.40	0	0
Total	107.20	1249.27		
SOLAR				
Total	4.23	73.72	0	0
Total	4.23	73.72		
Tata				
Trombay 5	7.96	96.56	465	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	24.30	114	50
Trombay 7B	1.30	15.52	66	38
Trombay 8	4.43	50.21	232	137
TATA Hydro	4.33	33.64	410	0
Total	19.93	220.23		
AEML				
DTPS U-1&2	8.28	98.50	500	282
Total	8.28	98.50		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	154.13	1526.83	MSPGCL Total	167.97	1684.24
			MSPGCL Thml+Gas	160.34	1600.47	Koyna 1,2 & 4 Total	4.41	52.56
			MSPGCL Hydro	7.63	83.77	State Total	316.06	3468.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	6074	96	289	6460	663	3949	0	0	5621	5412	-974	15510	0	15510	1996	17506	49.99
2	5850	96	280	6226	621	3947	0	0	5636	5515	-910	15400	0	15400	1872	17272	50.00
3	5585	112	280	5976	594	3939	0	0	5561	5616	-869	15256	0	15256	1769	17026	50.00
4	5630	142	290	6062	636	3928	0	0	5549	5600	-855	15370	0	15370	1701	17072	49.97
5	6377	96	281	6754	694	3934	0	0	5573	5477	-844	16016	0	16016	1686	17702	49.97
6	6669	106	290	7066	759	3972	0	0	6037	5915	-897	16814	0	16814	1737	18552	49.95
7	6758	96	291	7146	773	4379	0	8	6682	6351	-846	17810	0	17810	1802	19612	50.01
8	6839	238	282	7358	511	4965	0	95	6660	6708	-616	19022	0	19022	1937	20958	50.03
9	6845	810	291	7946	273	5011	0	286	6541	6819	-715	19620	0	19620	2167	21786	49.96
10	6876	1176	292	8344	196	4990	0	463	6833	6624	-851	19766	0	19766	2408	22174	49.93
11	6851	1176	281	8308	143	4993	0	636	7422	7299	-1006	20374	0	20374	2554	22928	49.98
12	6916	954	291	8162	101	4997	0	659	7599	7437	-1058	20298	0	20298	2574	22872	49.98
13	6941	794	280	8016	89	4975	0	633	7575	7238	-1051	19900	0	19900	2550	22450	49.97
14	6990	338	280	7608	40	4884	0	539	7566	7428	-1057	19442	0	19442	2411	21852	50.05
15	7022	220	279	7522	56	4831	0	455	7725	7728	-1191	19400	0	19400	2368	21768	50.02
16	7043	200	288	7532	36	4955	0	300	7565	7320	-1077	19066	0	19066	2369	21434	49.99
17	6869	156	269	7294	45	4998	0	133	6747	6637	-990	18118	0	18118	2370	20488	49.98
18	6768	116	279	7164	87	4919	0	19	6326	5783	-1105	16866	0	16866	2355	19222	49.99
19	6700	96	289	7086	180	4483	0	0	6186	6452	-1229	16972	0	16972	2427	19398	50.00
20	6563	102	226	6890	252	4179	0	0	5915	5647	-1181	15788	0	15788	2395	18182	49.97
21	5736	166	174	6076	330	4017	0	0	5759	5768	-1104	15088	0	15088	2276	17364	49.98
22	5506	146	140	5792	406	4000	0	0	5824	5609	-1118	14690	0	14690	2165	16854	50.01
23	5429	96	131	5656	391	3979	0	0	5671	5729	-1113	14642	0	14642	2061	16704	49.98
24	5294	94	140	5528	574	3978	0	0	5620	5521	-1070	14532	0	14532	1988	16520	50.00
MUs	154.13	7.63	6.21	167.97	8.45	107.20	0.00	4.23	154.19	151.63	-23.73	415.76	0.00	415.76	51.94	467.69	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 11/Dec/2020

Position as on 6.30 Hrs of 12/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	Koyana 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 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	
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	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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)	
MSPGCL	Koradi Unit 7	210	06/12/2020	12.54		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	08/12/2020	17.30		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 6	210	08/12/2020	17.57		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Khaparkheda Unit 2	210	11/12/2020	16.05		Continued.	GT oil Leakage	
MSPGCL	Uran Unit 6	108	11/12/2020	20.25	12/12/2020	06.08	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	11/12/2020	22.10		Continued.	BTL	
MSPGCL	Khaparkheda Unit 1	210	11/12/2020	23.38		Continued.	Boiler Validity Extension	
MSPGCL	Paras Unit 3	250	11/12/2020	23.47		Continued.	Boiler Validity Extension	
TPC-G	Trombay 7B	60	12/12/2020	00.07		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	12/12/2020	00.42		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 12/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	10/12/2020	19.31		Continued.	PO	Over Voltage
Lamboti - Solapur (PG)	InterState	11/12/2020	05.40	11/12/2020	18.42	T	Distance Protection
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	10/12/2020	19.28	11/12/2020	07.03	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	11/12/2020	09.47	12/12/2020	06.40	PO	Testing Work
koaradi II - Wardha(PG)	IntraState	11/12/2020	11.36	11/12/2020	19.44	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	11/12/2020	19.55		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
400/11.5 kV 80MVA ST 4B @ Deepnagar	IntraState	11/12/2020	09.37	11/12/2020	16.31	PO	Quarterly Maintainance Work
400/220KV 500MVA ICT-II@Tapitanda	IntraState	11/12/2020	12.17	11/12/2020	19.20	PO	ICT-II Unit diagnostic testing carried out
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	11/12/2020	19.14	12/12/2020	01.05	PO	Attending DC Leakage
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)
WARDHA WARDHA (PG) (DEOLI)	InterState	11/12/2020	09.44	12/12/2020	02.13	PO	Replacement work
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
Butibori-Indorama	IntraState	08/12/2020	06.39		Continued.	PO	Breaker replacement CT PT Replacement IR Measurement & Meter Replacement Work.(Two Days Outage)
Hinganghat - Hinganghat Rly TSS-2	IntraState	09/12/2020	14.35		Continued.	PO	For AMR Project Testing & Commissioning Work.
Apta - Kalwa1	IntraState	11/12/2020	08.50	11/12/2020	19.16	PO	Maintenance Work
Uran - Jnpt	IntraState	11/12/2020	10.45	11/12/2020	23.59	PO	Retrofitting of Diffrential cum distance protection relay at JNPT & ONGC Stn.
220 KV ICT Outages/Trippings							
220/132 kV 100MVA ICT-I @ Ghatodi	IntraState	09/12/2020	11.30	11/12/2020	00.16	PO	For Measurement Of C & Tan delta Of HV & LV Bushing,Winding HV & LV CT By TCC Akola.
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	10/12/2020	09.06		Continued.	PO	For Inspection OF OLTC Diverter Switches Work.
220/22 Kv 50 Mva Bhel Ptr 1 @Kamba	IntraState	11/12/2020	10.20	11/12/2020	18.25	PO	NGR commissioning work

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