

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Dec/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.848	1372.701	1) Gujrat	2.303	20.935
2) Hydro	7.833	76.142	2) Madhya Pradesh	7.407	67.110
3) Gas	6.698	67.429	3) Chattisgarh	6.660	61.980
Total MSPGCL	167.379	1516.272	4) Maharashtra	140.275	1350.668
B) 1) APLM	68.827	686.765	5) Goa (Amona)	-1.435	-15.949
2) JSWEL	17.295	184.791	Total	155.210	1484.744
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.278	168.624
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	24.306	224.175
5) WPCL	7.645	70.659	c) MSEDCL Bilateral *	35.106	321.228
6) Other IPP	17.330	168.812	Include PX	7.112	61.630
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.278	167.647
C) 1) TPCL Thermal	13.701	134.380	Include PX	12.494	100.128
2) TPCL Hydro	3.494	29.309	Standby	0.000	0.978
3) TPCL Gas	3.305	36.613	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.046	90.220	1) MSEDCL	424.489	4122.180
D) STATE			2) Mumbai Discoms	53.852	514.698
1) Thermal	286.692	2739.373	TOTAL STATE	478.341	4636.878
(A1+C1+C4+(B1-B6))					
2) Hydro	11.327	105.451			
(A2+C2)					
3) Gas	10.003	104.042			
(A3+B7+C3)					
4) Wind	8.845	133.770			
6) SOLAR	6.264	69.497			
TOTAL STATE	323.131	3152.133			

* 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 3 Hrs
MSPGCL Thermal	6559	6669	6831	5638
MSPGCL Hydro	1498	598	98	94
MSPGCL Gas	267	276	268	291
MSPGCL Total Generation	8324	7542	7196	6024
Central Sector Receipt	7568	7648	5821	5507
WIND	190	114	386	466
CPP / IPP Thermal	5079	5091	5036	4104
CPP / IPP Gas	0	0	0	0
SOLAR	880	947	0	0
Exchange with Mumbai	-1134	-1147	-1118	-887
MSEDCL DEMAND MET	20906	20196	17322	15214
Load Shedding	0	0	0	0
MSEDCL DEMAND	20906	20196	17322	15214
TPCL GENERATION	997	1012	1145	575
AEML GENERATION	499	499	296	282
MUMBAI DEMAND	2630	2658	2559	1744
STATE DEMAND MET	23536	22854	19880	16958
STATE DEMAND	23536	22854	19880	16958
Frequency (Hz)	50.07	50.02	50.05	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 16.03 Hrs	49.86 Hz at 22.07 Hrs	50.02	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 10/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	13.22	126.93	600	524
Unit 9	12.37	67.01	524	442
Unit 10	0.00	0.00	0	0
Total	25.59	227.82		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.91	106.48	500	280
Unit 5	10.96	106.46	505	285
Total	21.88	212.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.30	49.89	250	176
Unit 7	5.20	51.03	248	176
Unit 8	5.39	53.88	248	196
Total	15.88	154.80		
Chandrapur				
Unit 3	3.59	36.91	165	123
Unit 4	3.55	35.89	158	125
Unit 5	9.04	90.46	445	275
Unit 6	8.42	87.94	400	273
Unit 7	7.55	13.57	410	257
Unit 8	11.63	110.08	500	465
Unit 9	11.59	81.10	497	466
Total	55.37	455.96		
Paras				
Unit 3	5.30	52.19	250	186
Unit 4	5.19	42.37	248	188
Total	10.49	94.56		
Khaparkheda				
Unit 1	3.67	37.12	165	135
Unit 2	3.84	38.67	180	140
Unit 3	0.00	0.00	0	0
Unit 4	3.84	41.43	190	140
Unit 5	9.04	81.25	400	315
Total	20.40	198.48		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.24	20.44	150	128
Unit 5	0.00	0.00	0	0
Total	3.24	28.15		
Uran				
All Units	6.70	67.43	291	265
Total	6.70	67.43		
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)	0.06	0.85	46	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.85		
Koyna				
Stage 1-2	2.62	30.19	500	40
Stage 4	1.80	17.96	500	0
Stage 3	1.20	10.39	240	0
Total	5.62	58.54		
Hydro				
KDPH	0.44	0.59	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.	0.16	1.47	40	0
RNGR+BHTSA	0.34	3.48	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.37	3.33	16	15
GHATGHAR	0.90	8.50	250	0
Total	2.22	17.60		
Wind				
Total	8.84	133.77	0	0
Total	8.84	133.77		
CPP				
APML(Mus)	68.83	686.76	0	0
JSWEL(Mus)	17.30	184.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	7.64	70.66	0	0
Other(Mus)	17.33	168.81	0	0
Total	111.10	1142.07		
SOLAR				
Total	6.26	69.50	0	0
Total	6.26	69.50		
Tata				
Trombay 5	9.04	88.60	469	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.96	22.39	117	71
Trombay 7B	1.34	14.23	67	53
Trombay 8	4.66	45.78	235	136
TATA Hydro	3.49	29.31	357	0
Total	20.50	200.30		
AEML				
DTPS U-1&2	9.05	90.22	500	282
Total	9.05	90.22		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.85	1372.70	MSPGCL Total	167.38	1516.27
			MSPGCL Thml+Gas	159.55	1440.13	Koyna 1,2 & 4 Total	4.42	48.16
			MSPGCL Hydro	7.83	76.14	State Total	323.13	3152.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5892	104	290	6286	500	4126	0	0	5631	5570	-1091	15392	0	15392	1953	17344	49.99
2	5985	100	270	6354	499	4099	0	0	5537	5258	-949	15262	0	15262	1830	17092	50.01
3	5638	94	291	6024	466	4104	0	0	5532	5507	-887	15214	0	15214	1744	16958	50.00
4	5856	90	280	6226	483	4101	0	0	5351	5566	-857	15518	0	15518	1691	17210	50.01
5	6295	94	290	6678	433	4117	0	0	5355	5463	-843	15848	0	15848	1674	17522	50.00
6	6554	274	290	7118	413	4382	0	0	5817	5673	-877	16708	0	16708	1730	18438	50.01
7	6596	94	291	6980	522	4940	0	7	6802	6393	-672	18170	0	18170	1804	19974	50.02
8	6607	294	291	7192	419	5153	0	126	6980	7080	-740	19230	0	19230	1944	21174	50.01
9	6657	1078	290	8026	215	5194	0	397	6635	6515	-766	19580	0	19580	2184	21764	50.00
10	6604	1144	279	8026	208	5135	0	670	7115	7049	-899	20190	0	20190	2444	22634	50.01
11	6559	1498	267	8324	190	5079	0	880	7566	7568	-1134	20906	0	20906	2630	23536	50.07
12	6618	902	267	7786	162	5090	0	921	7848	7933	-1136	20756	0	20756	2697	23454	50.05
13	6669	598	276	7542	114	5091	0	947	7894	7648	-1147	20196	0	20196	2658	22854	50.02
14	6690	272	265	7228	133	4987	0	893	8049	7866	-1179	19928	0	19928	2548	22476	50.04
15	6740	178	265	7182	95	4972	0	724	8129	8194	-1234	19934	0	19934	2537	22470	50.04
16	6820	178	277	7274	113	4994	0	445	7999	7809	-946	19690	0	19690	2564	22254	50.06
17	6898	118	266	7282	113	5035	0	210	7103	6969	-818	18790	0	18790	2550	21340	50.01
18	6881	162	278	7322	232	5038	0	44	6340	6105	-861	17880	0	17880	2543	20422	50.01
19	6831	98	268	7196	386	5036	0	0	6029	5821	-1118	17322	0	17322	2559	19880	50.05
20	6614	88	289	6990	524	4496	0	0	6213	5824	-1123	16712	0	16712	2495	19206	50.02
21	6030	92	279	6402	672	4103	0	0	6031	5729	-1295	15610	0	15610	2412	18022	50.01
22	5630	102	279	6012	728	3956	0	0	5934	5994	-1246	15444	0	15444	2304	17748	50.02
23	5588	98	280	5966	667	3950	0	0	5947	5961	-1271	15272	0	15272	2209	17482	49.98
24	5596	88	280	5964	558	3919	0	0	5749	5715	-1217	14938	0	14938	2148	17086	50.03
MUs	152.85	7.83	6.70	167.38	8.85	111.10	0.00	6.26	157.59	155.21	-24.31	424.49	0.00	424.49	53.85	478.34	50.02

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 10/Dec/2020

Position as on 6.30 Hrs of 11/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 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)	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 11/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
Chandrapur-II - Warora - I	InterState	09/12/2020	13.17	10/12/2020	00.44	PO	Conductor & Earthwire H/W tightening work.
Dhule Sar'Sarovar II	InterState	09/12/2020	17.31	10/12/2020	06.44	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/12/2020	19.31		Continued.	PO	Over Voltage
Lamboti - Solapur (PG)	InterState	11/12/2020	05.40		Continued.	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).
Akola II - RPL(Rattanindia) Ckt I	IntraState	09/12/2020	11.23	10/12/2020	14.35	HT	For Load Management.
Khadka-Aurangabad (Waluj)	IntraState	09/12/2020	18.40	10/12/2020	06.19	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	09/12/2020	19.34	10/12/2020	06.25	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	10/12/2020	09.11	10/12/2020	18.54	PO	For Conductor & Earthwire H/W tightening Work.
Nagothane - Dabhol-II	IntraState	10/12/2020	12.57	10/12/2020	16.56	PO	Emergency Tree Cutting Work.
Bhusawal-Aurangabad	IntraState	10/12/2020	19.28		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 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	10/12/2020	10.32	10/12/2020	13.05	PO	CTR Maintenance Work.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	10/12/2020	14.19	10/12/2020	18.25	PO	Half yearly maintenance work & Diagnostic Testing.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	10/12/2020	18.40	10/12/2020	21.21	T	HV Side Tripped On PDR.
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 - 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.
GIS KONDHWA NANDED CITY	IntraState	10/12/2020	09.09	10/12/2020	16.58	PO	HYM,Replacement of R- PH Main BUS Twin Conductor.
Dhamangaon New- Tss -I	IntraState	10/12/2020	09.10	10/12/2020	18.15	PO	Commissioning Of New AMR Metre
Malharpeth - Karad(400kv)	IntraState	10/12/2020	09.35	10/12/2020	14.21	PO	For CT Tan Delta & CB.
Valve-Jamde	IntraState	10/12/2020	11.02	10/12/2020	17.15	PO	For Replacement Of 220KV CT,R & B Phase.
Mudshingi-Wathar	IntraState	10/12/2020	11.20	10/12/2020	17.17	T	For Load Management At Kolhapur ICT.
Hingoli- Girawali	IntraState	10/12/2020	11.47	10/12/2020	19.06	PO	For Replacement Of Flash over disc insulator at LOC.No.242 B Ph

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 10/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 11/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Karad-Nerle	IntraState	10/12/2020	13.24	10/12/2020	14.52	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	10/12/2020	14.02	10/12/2020	20.20	PO	Fro Replacement Of R & Y PH LA,Diagnostic Testing & Maintenance Work.
Dahanu-Viraj	IntraState	10/12/2020	14.02	10/12/2020	18.24	PO	Travelling Wave Fault Locator (TWFL) Commissioning
Karad(400kv) -Nigade	IntraState	10/12/2020	15.02	10/12/2020	17.12	PO	For CT Delta Testing.
Mumewadi -Halkarni ckt-I	IntraState	10/12/2020	17.03	10/12/2020	17.29	HT	sparking due to On BUS On Hotline rope.
Mumewadi -Halkarni ckt-II	IntraState	10/12/2020	17.03	10/12/2020	17.29	HT	sparking due to On BUS On Hotline rope.
Halkarni-Mahalaxmi line	IntraState	10/12/2020	17.03	10/12/2020	17.29	HT	sparking due to On BUS On Hotline rope.
220kv Halkarni- Tillary	IntraState	10/12/2020	17.03	10/12/2020	17.29	HT	sparking due to On BUS On Hotline rope.
Shivajinagar-Gangapur	IntraState	10/12/2020	17.47	10/12/2020	20.08	PO	Line Maintenance work
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.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	10/12/2020	11.01	10/12/2020	15.28	PO	Winding Resistance & SFRA Testing.
220/132 kV 200MVA ICT II @ Girwali	IntraState	10/12/2020	15.29	10/12/2020	20.28	PO	Winding Resistance & SFRA Testing.

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