

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Dec/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.673	1956.315	1) Gujrat	2.926	30.946
2) Hydro	7.717	106.079	2) Madhya Pradesh	9.857	106.453
3) Gas	6.855	92.992	3) Chattisgarh	6.300	88.860
Total MSPGCL	154.245	2155.386	4) Maharashtra	134.835	1878.943
B) 1) APML	47.941	922.631	5) Goa (Amona)	-1.562	-20.797
2) JSWEL	18.156	251.728	Total	152.356	2084.405
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.549	239.599
4) RPL(AMT)	0.000	31.045	b) Mumbai Drawl	17.233	302.572
5) WPCL	6.745	98.979	c) MSEDCL Bilateral *	38.542	459.254
6) Other IPP	17.255	239.314	Include PX	10.615	91.601
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.549	238.622
C) 1) TPCL Thermal	13.448	187.526	Include PX	11.550	144.683
2) TPCL Hydro	3.803	42.644	Standby	0.000	0.978
3) TPCL Gas	3.242	47.064	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.484	126.178	1) MSEDCL	389.276	5729.611
D) STATE			2) Mumbai Discoms	47.209	705.983
1) Thermal	252.702	3813.716	TOTAL STATE	436.485	6435.594
(A1+C1+C4+(B1-B6))					
2) Hydro	11.520	148.723			
(A2+C2)					
3) Gas	10.097	140.056			
(A3+B7+C3)					
4) Wind	6.012	162.329			
6) SOLAR	3.799	86.366			
TOTAL STATE	284.130	4351.190			

* 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 4 Hrs
MSPGCL Thermal	6394	6075	6334	4525
MSPGCL Hydro	436	488	676	98
MSPGCL Gas	292	281	280	291
MSPGCL Total Generation	7122	6844	7290	4914
Central Sector Receipt	7652	8160	5611	5259
WIND	90	66	126	416
CPP / IPP Thermal	4466	3748	4061	3478
CPP / IPP Gas	0	0	0	0
SOLAR	530	561	0	0
Exchange with Mumbai	-788	-749	-629	-599
MSEDCL DEMAND MET	19072	18630	16458	13468
Load Shedding	0	0	0	0
MSEDCL DEMAND	19072	18630	16458	13468
TPCL GENERATION	1072	1110	1111	553
AEML GENERATION	498	499	498	282
MUMBAI DEMAND	2358	2358	2238	1434
STATE DEMAND MET	21430	20988	18696	14902
STATE DEMAND	21430	20988	18696	14902
Frequency (Hz)	50.02	50.03	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22:01 Hrs	49.79 Hz at 07:26 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 14/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	11.92	178.33	536	376
Unit 9	11.91	116.38	533	375
Unit 10	0.00	0.00	0	0
Total	23.84	328.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.03	149.40	500	280
Unit 5	10.04	150.02	500	280
Total	20.07	299.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.73	69.89	250	178
Unit 7	4.62	70.47	248	166
Unit 8	4.95	74.57	244	193
Total	14.30	214.93		
Chandrapur				
Unit 3	1.04	41.21	126	0
Unit 4	3.62	50.44	160	140
Unit 5	8.67	126.70	425	275
Unit 6	8.34	122.93	400	276
Unit 7	8.99	51.07	450	274
Unit 8	10.59	154.38	475	275
Unit 9	11.02	127.27	498	288
Total	52.27	673.99		
Paras				
Unit 3	0.50	60.67	188	0
Unit 4	5.26	63.92	246	188
Total	5.76	124.58		
Khaparkheda				
Unit 1	3.56	46.22	160	140
Unit 2	3.80	50.86	185	140
Unit 3	0.00	0.00	0	0
Unit 4	3.49	57.55	165	135
Unit 5	9.43	119.28	400	375
Total	20.29	273.90		
Nasik				
Unit 3	0.00	7.70	0	0
Unit 4	3.15	33.20	142	127
Unit 5	0.00	0.00	0	0
Total	3.15	40.91		
Uran				
All Units	6.86	92.99	292	279
Total	6.86	92.99		
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	1.00	33	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	1.00		
Koyna				
Stage 1-2	3.12	40.77	510	40
Stage 4	1.50	24.67	250	0
Stage 3	1.08	14.14	142	0
Total	5.69	79.58		
Hydro				
KDPH	0.44	2.38	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.	0.22	2.45	40	0
RNGR+BHTSA	0.36	4.91	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	5.23	20	19
GHATGHAR	0.52	11.31	245	0
Total	2.02	26.50		
Wind				
Total	6.01	162.33	0	0
Total	6.01	162.33		
CPP				
APML(Mus)	47.94	922.63	0	0
JSWEL(Mus)	18.16	251.73	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	31.04	0	0
WPCL(Mus)	6.74	98.98	0	0
Other(Mus)	17.26	239.31	0	0
Total	90.10	1543.70		
SOLAR				
Total	3.80	86.37	0	0
Total	3.80	86.37		
Tata				
Trombay 5	8.97	123.68	463	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.92	28.84	116	62
Trombay 7B	1.32	18.22	67	48
Trombay 8	4.48	63.85	230	137
TATA Hydro	3.80	42.64	318	0
Total	20.49	277.23		
AEML				
DTPS U-1&2	9.48	126.18	500	280
Total	9.48	126.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.67	1956.32	MSPGCL Total	154.24	2155.39
			MSPGCL Thml+Gas	146.53	2049.31	Koyna 1,2 & 4 Total	4.62	65.44
			MSPGCL Hydro	7.72	106.08	State Total	284.13	4351.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5135	92	291	5518	338	3458	0	0	5418	5402	-729	13988	0	13988	1621	15608	50.03
2	5063	98	291	5452	398	3474	0	0	5481	5188	-653	13858	0	13858	1546	15404	50.01
3	4694	92	281	5068	414	3471	0	0	5465	5384	-603	13734	0	13734	1465	15198	50.00
4	4525	98	291	4914	416	3478	0	0	5468	5259	-599	13468	0	13468	1434	14902	50.01
5	4607	104	291	5002	484	3436	0	0	5530	5621	-616	13926	0	13926	1451	15378	49.96
6	5722	124	281	6126	495	3478	0	0	5834	5569	-679	14990	0	14990	1515	16504	50.01
7	6250	178	281	6710	486	3512	0	1	6630	6236	-774	16170	0	16170	1598	17768	50.01
8	6362	318	280	6960	442	4020	0	69	6998	6781	-753	17520	0	17520	1746	19266	49.93
9	6402	406	291	7100	242	4391	0	268	6864	6851	-586	18266	0	18266	2027	20292	49.91
10	6413	468	292	7172	219	4425	0	421	7264	6918	-721	18434	0	18434	2244	20678	50.00
11	6394	436	292	7122	90	4466	0	530	7989	7652	-788	19072	0	19072	2358	21430	50.02
12	6120	398	291	6810	86	4060	0	590	8442	7953	-817	18682	0	18682	2404	21086	50.02
13	6075	488	281	6844	66	3748	0	561	8122	8160	-749	18630	0	18630	2358	20988	50.03
14	6209	398	289	6896	43	3831	0	513	7786	7466	-764	17986	0	17986	2348	20334	50.04
15	6185	324	280	6788	38	3564	0	436	8217	7920	-713	18034	0	18034	2260	20294	50.03
16	6216	480	279	6974	50	3488	0	248	7694	7518	-625	17654	0	17654	2245	19898	50.00
17	6279	652	279	7210	69	3926	0	146	6628	6764	-562	17554	0	17554	2233	19786	49.97
18	6333	660	279	7272	120	4024	0	16	5896	5888	-599	16722	0	16722	2238	18960	49.98
19	6334	676	280	7290	126	4061	0	0	5849	5611	-629	16458	0	16458	2238	18696	50.02
20	6342	310	280	6932	204	3948	0	0	5621	5329	-688	15726	0	15726	2289	18014	50.02
21	5908	290	291	6488	269	3558	0	0	5662	5803	-875	15244	0	15244	2077	17320	50.00
22	5383	256	281	5920	302	3431	0	0	5759	6103	-941	14816	0	14816	1954	16770	50.05
23	5353	254	291	5898	322	3397	0	0	5791	5600	-914	14302	0	14302	1832	16134	50.02
24	5369	116	292	5776	293	3452	0	0	5779	5380	-856	14046	0	14046	1729	15774	50.01
MUs	139.67	7.72	6.86	154.25	6.01	90.10	0.00	3.80	156.19	152.36	-17.23	389.28	0.00	389.28	47.21	436.49	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 14/Dec/2020

Position as on 6.30 Hrs of 15/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	
MSPGCL	Chandrapur Unit 3	210	11/12/2020	22.10	14/12/2020	12.05	Boiler Tube Leakage	
IPP	Adani U-2	660	12/12/2020	21.41	15/12/2020	07.28	APH-B hot PA Bellow leakage	
MSPGCL	Paras Unit 3	250	14/12/2020	02.40	15/12/2020	16.15	Boiler Tube Leakage	
IPP	Adani U-4	660	15/12/2020	23.48		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 15/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	13/12/2020	13.18	14/12/2020	10.57	HT	Over Voltage
Dabhol Nagothane I	InterState	14/12/2020	11.52	14/12/2020	20.13	PO	Faulty string replacement work
Dhule Sar'Sarovar I	InterState	14/12/2020	15.17		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	15/12/2020	16.36		Continued.	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).
Khadka-Aurangabad (Waluj)	IntraState	13/12/2020	19.14	14/12/2020	09.55	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	13/12/2020	19.53	14/12/2020	08.44	HT	Over Voltage
Padghe - Nagothane - I	IntraState	13/12/2020	22.12	14/12/2020	10.09	HT	Over Voltage
Chakan-Talegaon (Pgcil)	IntraState	14/12/2020	10.43	14/12/2020	17.16	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	14/12/2020	17.51	15/12/2020	07.13	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	14/12/2020	19.36	15/12/2020	07.22	HT	Over Voltage
Nagothane - Dabhol I	IntraState	15/12/2020	09.22	15/12/2020	19.25	PO	Faulty string replacement Work & cold washing.
Alkud-Kolhapur(Talandage)	IntraState	15/12/2020	09.35	15/12/2020	13.45	PO	AMR Meter commissioning Quarterly Maint. Work & Diagnostic Testing Work
Khadka - Bableshwar	IntraState	15/12/2020	11.31	15/12/2020	18.23	PO	400kV CGL make CB pole and mechanism overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	15/12/2020	19.20		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	15/12/2020	19.38		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
167 Mva Spare Ict @Lamboti	IntraState	14/12/2020	10.15	15/12/2020	17.57	PO	Replacement of tertiary bushing.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	15/12/2020	11.12	15/12/2020	11.44	PO	To isolator alignment of 29A ISOLATOR .
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	15/12/2020	15.51	PO	Stringing of HTLS conductor
Parli(U-VIII) GCR CKT	IntraState	13/12/2020	21.05	14/12/2020	00.20	EO	Attend De-capping at Loc no 12 of 220KV Parbhani NTPS Unit 8 line.
Kharghar-Borivali ckt II	IntraState	14/12/2020	02.10	14/12/2020	10.40	T	Distance Protection
Mudshingi-Belewadi	IntraState	14/12/2020	09.10	14/12/2020	20.57	PO	Tan Delta Measurment of CTs
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	14/12/2020	09.30	14/12/2020	10.46	PO	Quarterly Maintenance Work
Chandrapur GCR - Cpurrytss1	IntraState	14/12/2020	10.11	14/12/2020	19.12	PO	AMR Meter wiring and commissioning work
REL Borivali Aarey Line	IntraState	14/12/2020	11.24	14/12/2020	15.34	PO	Jumper disconnection and connection work

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 14/Dec/2020

Statement-VII

Position as on 6.30 Hrs of 15/Dec/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Balapur-Malegaon	IntraState	14/12/2020	11.55	14/12/2020	18.03	PO	Fixing of missing Nut Bolt
Taloja II - OCIL-I	IntraState	15/12/2020	07.33	15/12/2020	19.58	PO	AMR meter commission & CT PT TESTING.
Mahad-Kandalgaon	IntraState	15/12/2020	08.10	15/12/2020	13.44	PO	Diagnosis tests work. & RM WORK.
Kolhapur-Bidri	IntraState	15/12/2020	09.19	15/12/2020	18.26	PO	Insulator cleaning work.
Vita - Mhaishal	IntraState	15/12/2020	09.25	15/12/2020	15.16	EO	Fault finding.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	15/12/2020	09.53	15/12/2020	20.28	PO	1) Amr meter wiring and commissioning work (h.o. scheme) 2) main cb timing and crm work 3) routine maintenance of isolators and bay.
Pedambe-Nerle	IntraState	15/12/2020	14.05	15/12/2020	17.50	PO	Bay R & M WORK.
Ghatghar - Jindal	IntraState	15/12/2020	15.00	15/12/2020	16.08	PO	AMR Panel commissioning work.
Pedambe-Pophali	IntraState	15/12/2020	18.15	15/12/2020	18.45	EO	Oil top up.
Trombay Salsette 1 Backbay	IntraState	15/12/2020	23.43		Continued.	PO	Metro work.
220 KV ICT Outages/Trippings							
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	10/12/2020	09.06	14/12/2020	05.57	PO	For Inspection OF OLTC Diverter Switches Work.
220/132KV 200MVA ICT-II @ Miraj	IntraState	14/12/2020	09.47	14/12/2020	17.10	PO	Attending Oil Leakage
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	14/12/2020	10.26	14/12/2020	17.50	PO	Testing Work
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	14/12/2020	11.30		Continued.	PO	Filtration of Oil of Main tank and Routine Maint.work

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