

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.771	2624.624	1) Gujrat	-0.091	40.542
2) Hydro	4.919	130.010	2) Madhya Pradesh	7.049	111.023
3) Gas	1.687	112.869	3) Chattisgarh	5.860	108.520
Total MSPGCL	156.377	2867.503	4) Maharashtra	103.627	2317.546
B) 1) APML	60.688	1227.970	5) Goa (Amona)	-1.684	-27.289
2) JSWEL	24.770	468.708	Total	114.761	2550.342
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.744	418.642
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.055	454.902
5) WPCL	7.243	118.314	c) MSEDCL Bilateral *	29.592	632.141
6) Other IPP	8.568	173.245	Include PX	-0.193	55.783
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.744	417.064
C) 1) TPCL Thermal	15.843	219.317	Include PX	6.369	153.149
2) TPCL Hydro	5.896	97.813	Standby	0.000	1.578
3) TPCL Gas	4.394	85.556	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.157	196.415	1) MSEDCL	363.588	7272.751
D) STATE			2) Mumbai Discoms	56.345	1054.000
1) Thermal	277.040	5028.593	TOTAL STATE	419.933	8326.751
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.815	227.823			
3) Gas (A3+B7+C3)	6.081	198.425			
4) Wind	6.354	219.191			
6) SOLAR	4.882	102.380			
TOTAL STATE	305.172	5776.412			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6423	6483	6583	5421
MSPGCL Hydro	217	291	981	93
MSPGCL Gas	12	20	30	130
MSPGCL Total Generation	6652	6794	7594	5644
Central Sector Receipt	5638	4864	4841	3962
WIND	134	161	195	444
CPP / IPP Thermal	4027	4575	4793	3882
CPP / IPP Gas	0	0	0	0
SOLAR	671	42	0	0
Exchange with Mumbai	-902	-817	-854	-680
MSEDCL DEMAND MET	16220	15619	16569	13252
Load Shedding	0	0	0	0
MSEDCL DEMAND	16220	15619	16569	13252
TPCL GENERATION	1311	1231	1248	854
AEML GENERATION	500	499	501	250
MUMBAI DEMAND	2713	2547	2603	1784
STATE DEMAND MET	18933	18166	19172	15036
STATE DEMAND	18933	18166	19172	15036
Frequency (Hz)	49.97	49.97	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 22.00 Hrs	49.76 Hz at 14.25 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 20/Oct/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.10	174.70	490	373
Unit 9	11.14	140.10	485	380
Unit 10	8.52	163.20	365	350
Total	29.76	478.00		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.64	194.00	495	275
Unit 5	9.68	193.72	495	275
Total	19.32	387.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.60	67.97	248	167
Unit 7	4.85	69.13	248	162
Unit 8	4.96	74.80	250	168
Total	14.41	211.89		
Chandrapur				
Unit 3	3.60	14.79	160	120
Unit 4	3.59	59.23	155	117
Unit 5	9.16	188.81	418	275
Unit 6	9.54	171.07	420	295
Unit 7	0.00	0.00	0	0
Unit 8	11.18	205.08	470	455
Unit 9	11.17	203.95	470	450
Total	48.23	842.94		
Paras				
Unit 3	5.06	91.19	242	190
Unit 4	5.02	100.31	237	190
Total	10.08	191.50		
Khaparkheda				
Unit 1	3.27	66.88	160	110
Unit 2	3.74	77.90	175	125
Unit 3	3.90	71.28	180	140
Unit 4	3.90	79.04	180	140
Unit 5	9.77	199.08	450	370
Total	24.58	494.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.39	18.38	195	118
Unit 5	0.00	0.00	0	0
Total	3.39	18.38		
Uran				
All Units	1.69	112.87	243	0
Total	1.69	112.87		
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)	0.07	14.78	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	14.78		
Koyna				
Stage 1-2	1.96	50.33	360	35
Stage 4	0.78	23.69	451	0
Stage 3	0.62	18.03	80	0
Total	3.37	92.05		
Hydro				
KDPH	0.00	4.02	0	0
VTRNA	0.00	0.49	0	0
TILLARI	0.00	3.99	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	6.69	40	0
RNGR+BHTSA	0.31	3.26	15	0
BHANDARDRA	0.16	0.80	15	0
ELDARY	0.37	10.36	16	15
SMLHY_PTN	0.19	3.50	9	8
GHATGHAR	0.21	4.84	107	0
Total	1.55	37.96		
Wind				
Total	6.35	219.19	0	0
Total	6.35	219.19		
CPP				
APML(Mus)	60.69	1227.97	0	0
JSWEL(Mus)	24.77	468.71	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.24	118.31	0	0
Other(Mus)	8.57	173.24	0	0
Total	101.27	1988.24		
SOLAR				
Total	4.88	102.38	0	0
Total	4.88	102.38		
Tata				
Trombay 5	10.31	180.21	445	393
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	55.61	118	116
Trombay 7B	1.59	29.94	67	65
Trombay 8	5.53	39.11	234	228
TATA Hydro	5.90	97.81	459	3
Total	26.13	402.69		
AEML				
DTPS U-1&2	10.16	196.42	502	249
Total	10.16	196.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.77	2624.62	MSPGCL Total	156.38	2867.50
			MSPGCL Thml+Gas	151.46	2737.49	Koyna 1,2 & 4 Total	2.75	74.02
			MSPGCL Hydro	4.92	130.01	State Total	305.17	5776.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Oct/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	6193	99	120	6412	285	3983	0	0	4401	4314	-1038	13956	0	13956	2146	16102	49.99
2	5994	94	130	6218	337	3977	0	0	4321	4162	-874	13820	0	13820	1994	15814	50.00
3	5848	108	120	6076	375	3979	0	0	4246	3975	-757	13648	0	13648	1864	15512	49.98
4	5421	93	130	5644	444	3882	0	0	4410	3962	-680	13252	0	13252	1784	15036	50.00
5	5632	97	120	5849	465	3877	0	0	4464	4161	-663	13689	0	13689	1746	15435	49.99
6	6268	167	98	6533	473	4011	0	0	4629	4755	-678	15094	0	15094	1789	16883	50.00
7	6627	152	0	6779	443	4637	0	10	4676	4408	-692	15585	0	15585	1830	17415	49.97
8	6677	172	0	6849	310	4827	0	145	4889	4906	-709	16328	0	16328	1966	18294	49.94
9	6568	185	0	6753	264	4665	0	344	5376	5054	-748	16332	0	16332	2213	18545	49.99
10	6511	217	0	6728	203	4145	0	538	5363	4877	-781	15710	0	15710	2502	18212	49.99
11	6423	217	12	6652	134	4027	0	671	5509	5638	-902	16220	0	16220	2713	18933	49.97
12	6289	199	30	6518	125	3984	0	766	5725	5542	-1066	15869	0	15869	2833	18702	50.01
13	5918	183	30	6131	170	3975	0	718	5715	4885	-1012	14867	0	14867	2800	17667	49.95
14	5570	163	80	5813	173	3971	0	603	5647	5279	-901	14938	0	14938	2712	17650	49.98
15	5580	318	34	5932	224	3958	0	488	5583	5471	-924	15149	0	15149	2735	17884	49.89
16	5944	153	0	6097	262	4012	0	365	5312	5384	-875	15245	0	15245	2682	17927	49.99
17	6427	83	6	6516	195	4142	0	192	4949	5101	-818	15328	0	15328	2617	17945	49.96
18	6483	291	20	6794	161	4575	0	42	4791	4864	-817	15619	0	15619	2547	18166	49.97
19	6583	981	30	7594	195	4793	0	0	4864	4841	-854	16569	0	16569	2603	19172	50.01
20	6651	582	70	7303	249	4818	0	0	5045	5038	-857	16551	0	16551	2591	19142	50.02
21	6690	109	90	6889	259	4621	0	0	5081	4704	-882	15591	0	15591	2507	18098	50.01
22	6688	92	138	6918	194	4254	0	0	4733	4543	-819	15090	0	15090	2410	17500	50.03
23	6623	82	186	6891	213	4146	0	0	4705	4485	-853	14882	0	14882	2389	17271	50.02
24	6163	82	243	6488	201	4010	0	0	4591	4412	-855	14256	0	14256	2372	16628	50.00
MUs	149.77	4.92	1.69	156.38	6.35	101.27	0.00	4.88	119.03	114.76	-20.06	363.59	0.00	363.59	56.35	419.93	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 20/Oct/2020

Position as on 6.30 Hrs of 21/Oct/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		Continued.	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	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
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		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	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Ghatghar Unit-1	125	30/09/2020	18.05		Continued.	Turbine Guide Bearing problem	
AEML	AEML Unit 2	250	17/10/2020	04.49	20/10/2020	06.34	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/10/2020	17.10	20/10/2020	21.16	Turbine Vibration very high	
MSPGCL	Uran Unit A0	120	20/10/2020	05.43	20/10/2020	13.52	Feed Water Pump tripped on discharge pressure Low	
MSPGCL	Uran Unit 6	108	20/10/2020	05.45	20/10/2020	10.20	Feed Water Pump tripped on discharge pressure Low	
MSPGCL	Uran Unit 6	108	20/10/2020	14.15	20/10/2020	16.52	Feed Water Pump Problem.	
MSPGCL	Uran Unit A0	120	20/10/2020	14.15	20/10/2020	20.35	Feed Water Pump Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor.
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	19/10/2020	18.51	20/10/2020	06.51	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/10/2020	17.06		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).
Khadka-Aurangabad (Waluj)	IntraState	20/10/2020	00.15	20/10/2020	06.45	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/10/2020	20.16		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	20/10/2020	23.37		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
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	20/10/2020	11.59	20/10/2020	14.08	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS 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
Jejuri- Ismt- Lonand	IntraState	19/10/2020	22.59		Continued.	PO	Replacement of line isolator.
Apta - Kalwa1	IntraState	20/10/2020	00.25	20/10/2020	04.06	PO	To attend Hot Spot
Apta - Taloja	IntraState	20/10/2020	00.43	20/10/2020	03.30	PO	To attend Hot Spot
Temghar - Kalwa	IntraState	20/10/2020	01.55	20/10/2020	04.20	EO	To control line loading.
Kalwa 52B Interconnector CB	IntraState	20/10/2020	06.00		Continued.	HT	To control line loading.
Hinganghat - Bhugaon	IntraState	20/10/2020	11.06	20/10/2020	13.26	EO	Attending Hot Spot
Butibori - Khaperkheda	IntraState	20/10/2020	11.58	20/10/2020	15.05	PO	For replacement Of RPH CB to Line isolator Damage Jumper.
Gadchandur-Ultratech I	IntraState	20/10/2020	12.30	20/10/2020	16.14	PO	For AMR Project.
Kharghar - Nerul	IntraState	20/10/2020	12.46	20/10/2020	13.14	T	Distance Protection Z-1,Y-Ph.15.25KA.5.5KM From
Nerul-Trombay	IntraState	20/10/2020	12.46	20/10/2020	15.40	T	Distance Protection Z-2, 7.7 KA, 18.61KM From Trombay.
Loteparshuram- Dasturi Line	IntraState	20/10/2020	16.20	20/10/2020	20.10	T	Distance Protection
Gadchandur-Ultratech II	IntraState	20/10/2020	16.55	20/10/2020	17.20	PO	For AMR Project.
Kandalgaon - ONGC Panvel	IntraState	20/10/2020	17.41		Continued.	T	Distance Protection
Apta - Tambati	IntraState	20/10/2020	17.44	20/10/2020	18.05	T	Tripped Only from APTA end.
Padgha - Temghar I	IntraState	20/10/2020	22.36	21/10/2020	02.12	EO	B PH CT Sparking.

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 20/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 21/Oct/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 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	20/10/2020	12.00	20/10/2020	13.56	PO	For Replacement Of Damaged Gaskets in Supports Of WTI & OTI Of ICT2 & Refxing Of WTI & OTI.
220/132KV 100MVA -1@Alephata	IntraState	20/10/2020	13.05	20/10/2020	16.25	PO	For Diagnostic Testing & Line side isolator Alignment Work.
100 MVA ICT I at Kandalgaon	IntraState	20/10/2020	13.27	20/10/2020	14.53	EO	Attending Hot Spot