

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Oct/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.034	2474.853	1) Gujrat	-0.234	40.633
2) Hydro	5.194	125.091	2) Madhya Pradesh	6.608	103.974
3) Gas	5.387	111.182	3) Chattisgarh	5.430	102.660
Total MSPGCL	159.615	2711.126	4) Maharashtra	102.282	2213.919
B) 1) APLM	61.663	1167.282	5) Goa (Amona)	-1.667	-25.605
2) JSWEL	24.641	443.938	Total	112.419	2435.581
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.590	398.898
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	28.135	434.847
5) WPCL	7.332	111.071	c) MSEDCL Bilateral *	28.782	602.549
6) Other IPP	8.486	164.677	Include PX	-0.982	55.977
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.590	397.320
C) 1) TPCL Thermal	13.332	203.474	Include PX	9.127	146.780
2) TPCL Hydro	3.308	91.917	Standby	0.000	1.578
3) TPCL Gas	4.396	81.162	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.991	186.258	1) MSEDCL	356.122	6909.163
D) STATE			2) Mumbai Discoms	54.162	997.655
1) Thermal	269.479	4751.553	TOTAL STATE	410.284	7906.818
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.502	217.008			
3) Gas (A3+B7+C3)	9.783	192.344			
4) Wind	4.652	212.837			
6) SOLAR	5.449	97.498			
TOTAL STATE	297.865	5471.240			

* 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 3 Hrs
MSPGCL Thermal	6405	6757	6839	5307
MSPGCL Hydro	198	373	1130	90
MSPGCL Gas	258	146	120	269
MSPGCL Total Generation	6861	7276	8089	5666
Central Sector Receipt	5205	4651	4553	4142
WIND	42	155	236	330
CPP / IPP Thermal	4232	4409	4871	3878
CPP / IPP Gas	0	0	0	0
SOLAR	661	36	0	0
Exchange with Mumbai	-1485	-1122	-1112	-1028
MSEDCL DEMAND MET	15516	15405	16637	12988
Load Shedding	0	0	0	0
MSEDCL DEMAND	15516	15405	16637	12988
TPCL GENERATION	918	1102	1142	615
AEML GENERATION	249	249	248	146
MUMBAI DEMAND	2652	2473	2502	1789
STATE DEMAND MET	18168	17878	19139	14777
STATE DEMAND	18168	17878	19139	14777
Frequency (Hz)	50.00	49.93	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:02 Hrs	49.75 Hz at 18:30 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 19/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	11.74	164.60	597	370
Unit 9	10.95	128.96	490	373
Unit 10	8.46	154.68	360	330
Total	31.15	448.24		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.36	184.36	500	275
Unit 5	9.10	184.05	495	280
Total	18.47	368.41		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.66	63.36	236	113
Unit 7	4.96	64.28	248	169
Unit 8	5.34	69.83	252	170
Total	13.96	197.48		
Chandrapur				
Unit 3	3.41	11.20	155	115
Unit 4	3.39	55.64	155	119
Unit 5	8.85	179.65	425	275
Unit 6	9.06	161.53	425	284
Unit 7	0.00	0.00	0	0
Unit 8	11.12	193.90	475	455
Unit 9	11.03	192.78	470	440
Total	46.85	794.71		
Paras				
Unit 3	4.94	86.13	228	189
Unit 4	5.20	95.30	234	196
Total	10.14	181.42		
Khaparkheda				
Unit 1	3.14	63.62	150	105
Unit 2	4.00	74.15	185	140
Unit 3	3.84	67.38	175	140
Unit 4	3.94	75.14	185	140
Unit 5	10.06	189.31	470	320
Total	24.98	469.60		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.48	14.99	189	125
Unit 5	0.00	0.00	0	0
Total	3.48	14.99		
Uran				
All Units	5.39	111.18	270	120
Total	5.39	111.18		
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)	0.10	14.70	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	14.70		
Koyna				
Stage 1-2	1.82	48.36	435	35
Stage 4	0.98	22.90	514	0
Stage 3	0.53	17.41	80	0
Total	3.32	88.68		
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.	0.36	6.38	40	0
RNGR+BHTSA	0.36	2.95	15	14
BHANDARDRA	0.17	0.64	15	0
ELDARY	0.44	9.99	22	15
SMLHY_PTN	0.19	3.30	8	8
GHATGHAR	0.35	4.63	125	0
Total	1.87	36.41		
Wind				
Total	4.65	212.84	0	0
Total	4.65	212.84		
CPP				
APML(Mus)	61.66	1167.28	0	0
JSWEL(Mus)	24.64	443.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.33	111.07	0	0
Other(Mus)	8.49	164.68	0	0
Total	102.12	1886.97		
SOLAR				
Total	5.45	97.50	0	0
Total	5.45	97.50		
Tata				
Trombay 5	8.73	169.90	445	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	52.80	118	116
Trombay 7B	1.59	28.36	67	65
Trombay 8	4.60	33.58	233	140
TATA Hydro	3.31	91.92	331	2
Total	21.04	376.55		
AEML				
DTPS U-1&2	4.99	186.26	250	145
Total	4.99	186.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.03	2474.85	MSPGCL Total	159.62	2711.13
			MSPGCL Thml+Gas	154.42	2586.04	Koyna 1,2 & 4 Total	2.79	71.27
			MSPGCL Hydro	5.19	125.09	State Total	297.86	5471.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5719	90	268	6077	377	3900	0	0	4399	4251	-1247	13358	0	13358	2038	15396	49.99
2	5468	85	259	5812	380	3892	0	0	4442	4107	-1140	13051	0	13051	1901	14952	50.02
3	5307	90	269	5666	330	3878	0	0	4378	4142	-1028	12988	0	12988	1789	14777	49.99
4	5302	82	270	5654	323	3857	0	0	4326	4302	-968	13168	0	13168	1726	14894	50.00
5	5781	87	269	6137	292	3894	0	0	4294	4316	-932	13707	0	13707	1689	15396	50.01
6	6236	85	269	6590	183	4038	0	0	4495	4353	-979	14185	0	14185	1730	15915	49.99
7	6421	87	270	6778	127	4489	0	10	4799	4824	-994	15234	0	15234	1779	17013	49.97
8	6368	86	269	6723	98	4729	0	143	4799	5025	-1126	15592	0	15592	1912	17504	49.99
9	6338	198	269	6805	32	4884	0	407	4800	4933	-1257	15804	0	15804	2165	17969	49.97
10	6378	198	268	6844	27	4680	0	618	5240	5065	-1518	15716	0	15716	2450	18166	50.00
11	6405	198	258	6861	42	4232	0	661	5576	5205	-1485	15516	0	15516	2652	18168	50.00
12	6119	138	257	6514	42	3954	0	824	5640	5438	-1387	15385	0	15385	2751	18136	50.01
13	5714	131	268	6113	76	3941	0	770	5596	5288	-1247	14941	0	14941	2654	17595	50.02
14	5480	136	257	5873	185	3921	0	785	5360	5204	-1300	14668	0	14668	2573	17241	50.03
15	5725	258	256	6239	167	3924	0	590	5337	5377	-1367	14930	0	14930	2596	17526	49.94
16	6151	96	258	6505	173	3966	0	391	5363	5274	-1384	14925	0	14925	2587	17512	49.99
17	6489	91	267	6847	202	4051	0	214	5102	4686	-1296	14704	0	14704	2548	17252	50.00
18	6757	373	146	7276	155	4409	0	36	4585	4651	-1122	15405	0	15405	2473	17878	49.93
19	6839	1130	120	8089	236	4871	0	0	4565	4553	-1112	16637	0	16637	2502	19139	49.94
20	6938	897	120	7955	202	4906	0	0	4619	4469	-1093	16439	0	16439	2487	18926	50.01
21	6882	239	130	7251	244	4849	0	0	4558	4283	-1026	15601	0	15601	2383	17984	49.99
22	6828	197	120	7145	220	4487	0	0	4127	4383	-1000	15235	0	15235	2291	17526	50.02
23	6793	121	120	7034	224	4324	0	0	4390	4361	-1069	14874	0	14874	2253	17127	50.02
24	6596	101	130	6827	315	4046	0	0	4317	3929	-1058	14059	0	14059	2233	16292	49.98
MUs	149.03	5.19	5.39	159.62	4.65	102.12	0.00	5.45	115.11	112.42	-28.14	356.12	0.00	356.12	54.16	410.28	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 19/Oct/2020

Position as on 6.30 Hrs of 20/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 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	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	Koyna Unit 1	70	19/10/2020	08.05	19/10/2020	17.30	Maintenance work	
MSPGCL	Uran Unit 5	108	19/10/2020	17.10		Continued.	Turbine Vibration very high	
MSPGCL	Uran Unit A0	120	20/10/2020	05.43		Continued.	Feed Water Pump tripped on discharge pressure Low	
MSPGCL	Uran Unit 6	108	20/10/2020	05.45		Continued.	Feed Water Pump tripped on discharge pressure Low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 20/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 I	InterState	18/10/2020	17.10	19/10/2020	09.08	HT	Over Voltage
Dhule(MS)- Dhule(BDTCL) -1	InterState	19/10/2020	09.44	19/10/2020	18.03	PO	For 400KV LA Base Insulators change.
Dhule Sar'Sarovar II	InterState	19/10/2020	18.51		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 - Bableshwar - II	IntraState	18/10/2020	16.39	19/10/2020	09.00	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/10/2020	20.05	19/10/2020	06.53	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/10/2020	02.52	19/10/2020	09.22	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	19/10/2020	09.44	19/10/2020	18.03	PO	For 400KV LA Base Insulators change.
Ektuni-Bableshwar ckt I	IntraState	19/10/2020	11.06	19/10/2020	13.17	EO	For attending the hot spot on 29C R phase bottom isolator
Chandrapur - Parli	IntraState	19/10/2020	16.39	19/10/2020	21.29	T	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/10/2020	00.15		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
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
Hingoli- Girawali	IntraState	18/10/2020	12.36	19/10/2020	00.22	T	Distance Protection
Sawantwadi-Bidri	IntraState	19/10/2020	00.59	19/10/2020	09.55	HT	Over Voltage
Hingoli- Girawali	IntraState	19/10/2020	01.27	19/10/2020	18.02	T	Isolator problem.
Virur - Virur Rly Tss 2	IntraState	19/10/2020	07.57	19/10/2020	18.39	T	Y-PH CB Pole Burst.
Gadchandur - Virur-I	IntraState	19/10/2020	08.02	19/10/2020	08.34	T	Air leakage in pipe line due to bursting of TSS-2 Line CB.
New Koyna - Pedambe	IntraState	19/10/2020	08.25	19/10/2020	12.05	PO	For Y phase CT to L.S. Isolator jumper replacement work.
AKOLA ANJANGAON (VIHIGAON) CKT-I	IntraState	19/10/2020	09.52	19/10/2020	16.50	PO	Flashover Disc Replacement
Gadchandur - Virur-II	IntraState	19/10/2020	10.49	19/10/2020	11.36	T	Y PH LA OF TSS CKT 2 Burst.
Gadchandur - Virur-I	IntraState	19/10/2020	10.49	19/10/2020	11.05	T	Y PH LA OF TSS CKT 2 Burst.

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 19/Oct/2020

Statement-VII

Position as on 6.30 Hrs of 20/Oct/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedambe-Nerle	IntraState	19/10/2020	13.50	19/10/2020	20.37	PO	Conductor replacement.
Adlabs - Pedambe	IntraState	19/10/2020	19.52	19/10/2020	22.05	EO	To attend hot spot.
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.

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