

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.334	2312.433	1) Gujrat	0.665	262.063
2) Hydro	6.068	124.952	2) Madhya Pradesh	7.903	190.772
3) Gas	10.637	190.320	3) Chattisgarh	5.510	70.080
Total MSPGCL	118.039	2627.705	4) Maharashtra	106.486	2606.995
B) 1) APMIL	46.528	781.353	5) Goa (Amona)	-0.330	-9.592
2) JSWEL	20.663	391.681	Total	120.234	3120.318
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.308	632.051
4) RPL(AMT)	18.315	422.817	b) Mumbai Drawl	26.730	705.877
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.983	465.110
6) Other IPP	8.180	171.037	Include PX	-0.941	90.428
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.308	632.051
C) 1) TPCL Thermal	12.551	261.335	Include PX	2.520	248.412
2) TPCL Hydro	1.734	76.442	Standby	0.000	0.000
3) TPCL Gas	4.339	73.317	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.821	135.585	1) MSEDCL	321.344	7081.087
D) STATE			2) Mumbai Discoms	50.177	1252.553
1) Thermal	212.392	4476.241	TOTAL STATE	371.521	8333.640
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	7.802	201.394			
3) Gas (A3+B7+C3)	14.976	263.637			
4) Wind	13.445	157.815			
6) SOLAR	2.670	114.238			
TOTAL STATE	251.285	5213.325			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4229	4269	4363	4041
MSPGCL Hydro	119	204	411	61
MSPGCL Gas	439	457	439	439
MSPGCL Total Generation	4787	4930	5213	4541
Central Sector Receipt	5888	5422	6242	3961
WIND	459	324	317	876
CPP / IPP Thermal	4178	3918	4288	3745
CPP / IPP Gas	0	0	0	0
SOLAR	242	412	0	0
Exchange with Mumbai	-1047	-1372	-1214	-931
MSEDCL DEMAND MET	14507	13634	14846	12192
Load Shedding	0	0	0	0
MSEDCL DEMAND	14507	13634	14846	12192
TPCL GENERATION	875	773	873	655
AEML GENERATION	251	191	190	191
MUMBAI DEMAND	2173	2336	2277	1777
STATE DEMAND MET	16680	15970	17123	13969
STATE DEMAND	16680	15970	17123	13969
Frequency (Hz)	50.02	50.01	50.04	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.77 Hz at 05.13 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 20/Oct/2019

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	8.32	42.67	444	180
Unit 9	10.97	213.66	490	384
Unit 10	7.76	199.94	460	100
Total	27.04	456.27		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	174.16	0	0
Unit 5	8.75	87.05	405	350
Total	8.75	261.21		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	40.35	0	0
Unit 7	4.97	97.10	212	202
Unit 8	0.00	71.04	0	0
Total	4.97	208.49		
Chandrapur				
Unit 3	3.89	62.95	165	135
Unit 4	3.83	72.08	162	141
Unit 5	8.04	163.61	365	290
Unit 6	8.71	167.75	370	350
Unit 7	0.00	0.00	0	0
Unit 8	8.64	179.00	360	360
Unit 9	8.60	173.90	360	340
Total	41.71	819.29		
Paras				
Unit 3	4.44	79.13	196	168
Unit 4	0.00	0.00	0	0
Total	4.44	79.13		
Khaparkheda				
Unit 1	0.00	30.23	0	0
Unit 2	0.00	35.13	0	0
Unit 3	0.00	44.89	0	0
Unit 4	1.70	55.69	165	0
Unit 5	8.83	193.02	376	360
Total	10.53	358.96		
Nasik				
Unit 3	0.00	24.52	0	0
Unit 4	0.00	31.55	0	0
Unit 5	3.88	73.01	172	149
Total	3.88	129.08		
Uran				
All Units	10.64	190.32	457	436
Total	10.64	190.32		
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)	0.22	13.40	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.22	13.40		
Koyna				
Stage 1-2	2.62	55.95	470	40
Stage 4	1.44	28.58	434	0
Stage 3	0.99	19.88	154	0
Total	5.05	104.41		
Hydro				
KDPH	0.43	4.46	36	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.67	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	5.69	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	0.97	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	3.85	17	16
GHATGHAR	0.00	2.90	0	0
Total	1.02	20.54		
Wind				
Total	13.44	157.82	0	0
Total	13.44	157.82		
CPP				
APML(Mus)	46.53	781.35	0	0
JSWEL(Mus)	20.66	391.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	18.32	422.82	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	8.18	171.04	0	0
Total	93.69	1766.89		
SOLAR				
Total	2.67	114.24	0	0
Total	2.67	114.24		
Tata				
Trombay 5	7.86	165.57	482	285
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	45.47	117	106
Trombay 7B	1.58	27.85	67	62
Trombay 8	4.70	95.77	207	186
TATA Hydro	1.73	76.44	184	0
Total	18.62	411.09		
AEML				
DTPS U-1&2	4.82	135.58	251	190
Total	4.82	135.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.33	2312.43	MSPGCL Total	118.04	2627.70
			MSPGCL Thml+Gas	111.97	2502.75	Koyna 1,2 & 4 Total	4.06	84.53
			MSPGCL Hydro	6.07	124.95	State Total	251.28	5213.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/Oct/2019

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	3778	196	441	4415	734	3781	0	0	4926	4921	-1185	12666	0	12666	2077	14743	49.94
2	3890	61	451	4402	733	3774	0	0	4754	4525	-1110	12324	0	12324	1954	14278	50.01
3	3973	56	448	4477	866	3757	0	0	4323	4246	-1002	12344	0	12344	1847	14191	49.97
4	4041	61	439	4541	876	3745	0	0	4121	3961	-931	12192	0	12192	1777	13969	49.97
5	4085	61	440	4586	868	3736	0	0	4449	4050	-931	12309	0	12309	1765	14074	50.00
6	4104	56	449	4609	811	3716	0	0	4775	4697	-971	12862	0	12862	1804	14666	49.94
7	4140	61	450	4651	689	3749	0	8	5036	5315	-983	13429	0	13429	1831	15260	50.00
8	4161	111	441	4713	649	3928	0	60	5435	5597	-931	14016	0	14016	1888	15904	49.99
9	4147	111	450	4708	634	4113	0	154	5750	5735	-925	14419	0	14419	2018	16437	50.01
10	4229	119	439	4787	459	4178	0	242	5769	5888	-1047	14507	0	14507	2173	16680	50.02
11	4280	198	439	4917	419	4165	0	302	5732	5654	-1157	14300	0	14300	2304	16604	50.00
12	4277	253	436	4966	397	4083	0	365	5672	5546	-1323	14034	0	14034	2362	16396	50.00
13	4269	204	457	4930	324	3918	0	412	5459	5422	-1372	13634	0	13634	2336	15970	50.01
14	4300	162	436	4898	335	3792	0	387	5251	5295	-1281	13426	0	13426	2261	15687	50.05
15	4270	101	438	4809	404	3772	0	345	5520	5232	-1249	13313	0	13313	2214	15527	50.01
16	4300	93	436	4829	427	3774	0	252	5271	5112	-1172	13222	0	13222	2176	15398	50.02
17	4347	118	448	4913	333	3773	0	121	5180	5073	-1084	13129	0	13129	2121	15250	49.97
18	4336	523	438	5297	339	3768	0	22	5171	5424	-1095	13755	0	13755	2144	15899	49.97
19	4363	411	439	5213	317	4288	0	0	6178	6242	-1214	14846	0	14846	2277	17123	50.04
20	4400	393	439	5232	360	4269	0	0	6130	5823	-1216	14468	0	14468	2258	16726	50.02
21	4385	675	451	5511	461	3914	0	0	5207	5090	-1170	13806	0	13806	2231	16037	50.02
22	4455	891	439	5785	613	3886	0	0	4192	4079	-1133	13230	0	13230	2197	15427	50.03
23	4433	769	441	5643	689	3906	0	0	3982	3702	-1130	12810	0	12810	2121	14931	50.02
24	4371	384	452	5207	708	3901	0	0	4308	3605	-1118	12303	0	12303	2039	14342	50.05
MUs	101.33	6.07	10.64	118.04	13.45	93.69	0.00	2.67	122.59	120.23	-26.73	321.34	0.00	321.34	50.17	371.52	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 20/Oct/2019

Position as on 6.30 Hrs of 21/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn on shaft seal water leakage. Converted to AOH from 1 Nov 2019.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Koyna Unit 10	80	05/08/2019	20.05		Continued.	Stator Earth Fault	
MSPGCL	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
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 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
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	Adani U-1	660	19/09/2019	01.43		Continued.	Due to Low Coal Stock.	
AEML	AEML Unit 2	250	07/10/2019	21.18		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Nasik Unit 4	210	09/10/2019	23.59		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 3	210	13/10/2019	19.57		Continued.	Zero Schedule	
MSPGCL	Khaparkheda Unit 4	210	14/10/2019	23.51	20/10/2019	08.16	Zero Schedule	
MSPGCL	Parli Unit 8	250	16/10/2019	01.36		Continued.	Flame Failure (Converted To Zero Schedule DT.23.10.2019 18.00.hrs)	
MSPGCL	Parli Unit 6	250	17/10/2019	23.25		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	18/10/2019	04.18		Continued.	Generator Vibration High.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Oct/2019

Position as on 6.30 Hrs of 21/Oct/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	19/10/2019	22.35		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 9	660	21/10/2019	01.18		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	21/10/2019	22.58		Continued.	APH Hot PA Bellow Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2019

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2019

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	19/10/2019	23.13		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	19/10/2019	23.57	20/10/2019	09.42	T	Over Voltage
Padgha Tarapur I	InterState	20/10/2019	01.35	20/10/2019	10.03	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	20/10/2019	21.28	21/10/2019	07.16	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/10/2019	21.50		Continued.	T	Over Voltage
Dhule Khandwa I	InterState	21/10/2019	22.06		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/10/2019	03.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/10/2019	08.20		Continued.	PO	Relay Retrofitting,while charging at 22.10hrs tripped on Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	19/10/2019	19.15		Continued.	HT	Over Voltage
Alkud-Kolhapur(Talandage)	IntraState	21/10/2019	02.06	21/10/2019	06.59	T	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.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 are Damaged.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	20/10/2019	08.25	20/10/2019	19.42	PO	Pending scada work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
PARLY (PG) - OSMANABAD	InterState	15/10/2019	08.04	20/10/2019	12.41	PO	Tower Shifting Work of NH Crossing
Boisar(MS) - Boisar (PG) II	InterState	20/10/2019	07.45	20/10/2019	11.11	PO	Attending Hot Spot
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Lonand-Baramati	IntraState	17/09/2019	11.13		Continued.	HT	To Control Overloading of Lonand-Jejuri Line.
Badnera-Akola li	IntraState	16/10/2019	08.07		Continued.	PO	Erection Of inline 220Kv Towers.
Badnera-Akola I	IntraState	16/10/2019	08.07		Continued.	PO	Erection Of inline 220Kv Towers.
Trombay - Kalwa	IntraState	19/10/2019	20.16	20/10/2019	16.36	PO	Tower Pilling Work
Raymond - Washala	IntraState	19/10/2019	22.40	20/10/2019	04.59	T	LBB operated
Nasik - Raymond	IntraState	19/10/2019	22.40	20/10/2019	04.58	T	LBB operated
Trombay Salsette 1 Backbay	IntraState	20/10/2019	07.38	20/10/2019	09.51	PO	Tree Trimming work
Kharghar-Borivali ckt II	IntraState	20/10/2019	08.53	20/10/2019	16.12	PO	Replacement of Tension Clamp By Dead End
Kalwa-TIFIL	IntraState	20/10/2019	09.03	20/10/2019	15.40	PO	Replacement of Tension Clamp By Dead End
Abhijeet-Wardha-I	IntraState	20/10/2019	09.21	20/10/2019	15.45	PO	Laying OPGW cable work
Uran - Hoc 1	IntraState	20/10/2019	10.39	20/10/2019	18.24	PO	Desmantling of line at HOC S/S
OSMANABAD BARSHI	IntraState	20/10/2019	13.05	20/10/2019	16.06	PO	Jumpering Work
Niwali - Pawas Line	IntraState	20/10/2019	16.25	20/10/2019	17.40	PO	Routine Maintenance Work
New Koyna - Niwali	IntraState	20/10/2019	16.25	20/10/2019	22.44	PO	Routine Maintenance Work
Butibori - Khaperkheda	IntraState	20/10/2019	21.58	20/10/2019	23.19	T	Faulty indication
Nanded - Parli Ext. Ckt II	IntraState	21/10/2019	07.50	21/10/2019	13.48	T	Distance Protection
Trombay - Kalwa	IntraState	21/10/2019	20.04		Continued.	PO	Construction work
220 KV ICT Outages/Trippings							

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/2019

Statement-VII

Position as on 6.30 Hrs of 21/Oct/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	19/10/2019	22.40	20/10/2019	05.01	T	LBB operated
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	19/10/2019	22.40	20/10/2019	16.36	T	LBB operated
220/22 Kv 50 Mva Ngef Ptr 1 @Kandalgaon	IntraState	20/10/2019	11.30	20/10/2019	16.35	PO	Cold Welding Work
220/132 KV 200 MVA ICT - 2 @ CHINCHWAD 2	IntraState	20/10/2019	16.07	20/10/2019	17.03	PO	Heavy Backup Relay Optd.