

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.071	1156.049	1) Gujrat	6.407	39.767
2) Hydro	5.976	121.462	2) Madhya Pradesh	15.926	145.632
3) Gas	6.166	57.809	3) Chattisgarh	7.170	76.020
Total MSPGCL	132.213	1335.320	4) Maharashtra	108.493	1076.984
B) 1) APML	69.462	679.455	5) Goa (Amona)	-0.594	-5.874
2) JSWEL	24.125	236.825	Total	137.402	1332.529
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.581	196.333
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.899	207.578
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	23.611	244.967
6) Other IPP	16.243	151.827	Include PX	1.473	20.688
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.581	196.333
C) 1) TPCL Thermal	14.087	141.206	Include PX	10.205	74.746
2) TPCL Hydro	3.569	31.859	Standby	0.000	0.000
3) TPCL Gas	2.458	24.101	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.240	79.325	1) MSEDCL	376.706	3689.440
D) STATE			2) Mumbai Discoms	50.253	484.068
1) Thermal	249.228	2444.687	TOTAL STATE	426.959	4173.508
(A1+C1+C4+(B1-B6))					
2) Hydro	9.545	153.321			
(A2+C2)					
3) Gas	8.624	81.910			
(A3+B7+C3)					
4) Wind	16.227	109.259			
6) SOLAR	5.933	51.803			
TOTAL STATE	289.557	2840.980			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5218	5247	5253	4486
MSPGCL Hydro	376	622	173	146
MSPGCL Gas	278	227	222	288
MSPGCL Total Generation	5872	6096	5648	4920
Central Sector Receipt	7500	6828	6341	3804
WIND	644	594	267	1102
CPP / IPP Thermal	5014	5021	4991	3794
CPP / IPP Gas	0	0	0	0
SOLAR	900	913	0	0
Exchange with Mumbai	-1351	-1340	-1338	-614
MSEDCL DEMAND MET	18579	18112	15909	13006
Load Shedding	0	0	0	0
MSEDCL DEMAND	18579	18112	15909	13006
TPCL GENERATION	1022	986	965	571
AEML GENERATION	250	250	219	191
MUMBAI DEMAND	2623	2576	2522	1376
STATE DEMAND MET	21202	20688	18431	14382
STATE DEMAND	21202	20688	18431	14382
Frequency (Hz)	50.06	50.04	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 12.01 Hrs	49.76 Hz at 16.24 Hrs	50.01	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/Jan/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	10.44	117.51	530	345
Unit 9	10.67	116.51	545	370
Unit 10	10.25	67.71	500	330
Total	31.36	301.72		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.31	34.39	250	190
Unit 7	5.44	40.39	248	194
Unit 8	5.40	53.84	250	195
Total	16.15	128.62		
Chandrapur				
Unit 3	4.27	41.71	190	162
Unit 4	4.07	38.60	180	160
Unit 5	8.51	85.34	365	335
Unit 6	10.57	104.32	475	360
Unit 7	0.00	0.00	0	0
Unit 8	10.31	106.06	475	360
Unit 9	10.23	103.26	480	360
Total	47.96	479.30		
Paras				
Unit 3	4.94	49.35	250	120
Unit 4	5.30	52.03	255	188
Total	10.24	101.38		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	3.22	0	0
Unit 5	10.21	100.60	490	360
Total	10.21	103.82		
Nasik				
Unit 3	4.15	41.21	187	157
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.15	41.21		
Uran				
All Units	6.17	57.81	297	222
Total	6.17	57.81		
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	0.70	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.70		
Koyna				
Stage 1-2	1.88	31.86	205	20
Stage 4	0.42	50.28	170	0
Stage 3	0.79	17.59	150	0
Total	3.08	99.73		
Hydro				
KDPH	0.44	2.55	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	4.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.30	80	0
RNGR+BHTSA	0.39	3.29	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.42	3.21	28	14
GHATGHAR	1.00	6.66	125	0
Total	2.89	21.73		
Wind				
Total	16.23	109.26	0	0
Total	16.23	109.26		
CPP				
APML(Mus)	69.46	679.46	0	0
JSWEL(Mus)	24.12	236.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	16.24	151.83	0	0
Total	109.83	1068.11		
SOLAR				
Total	5.93	51.80	0	0
Total	5.93	51.80		
Tata				
Trombay 5	9.04	90.23	478	273
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.39	13.40	65	53
Trombay 7B	1.06	10.70	49	41
Trombay 8	5.04	50.98	244	183
TATA Hydro	3.57	31.86	294	0
Total	20.11	197.17		
AEML				
DTPS U-1&2	5.24	79.32	250	190
Total	5.24	79.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.07	1156.05	MSPGCL Total	132.21	1335.32
			MSPGCL Thml+Gas	126.24	1213.86	Koyna 1,2 & 4 Total	2.29	82.14
			MSPGCL Hydro	5.98	121.46	State Total	289.56	2840.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jan/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	4439	106	287	4832	1068	3794	0	0	4869	4486	-797	13383	0	13383	1559	14942	50.01
2	4483	91	288	4862	1142	3767	0	0	4281	3991	-683	13079	0	13079	1446	14525	50.02
3	4486	146	288	4920	1102	3794	0	0	3694	3804	-614	13006	0	13006	1376	14382	49.99
4	4537	91	289	4917	1086	3796	0	0	3806	3886	-580	13105	0	13105	1342	14447	50.02
5	4648	120	289	5057	1108	3821	0	0	4161	4261	-600	13647	0	13647	1362	15009	50.00
6	5061	135	288	5484	1122	4124	0	0	5003	5226	-743	15213	0	15213	1507	16720	50.01
7	5326	132	297	5755	1038	4649	0	1	5901	5638	-846	16235	0	16235	1719	17954	50.00
8	5390	239	289	5918	995	4904	0	52	6555	6487	-771	17585	0	17585	1915	19500	50.02
9	5329	386	286	6001	810	5007	0	252	6376	6369	-950	17489	0	17489	2158	19647	49.95
10	5400	589	283	6272	856	4852	0	519	6627	6471	-1194	17776	0	17776	2392	20168	49.98
11	5341	457	282	6080	723	5028	0	744	6971	6772	-1268	18079	0	18079	2570	20649	50.05
12	5218	376	278	5872	644	5014	0	900	7272	7500	-1351	18579	0	18579	2623	21202	50.06
13	5247	622	227	6096	594	5021	0	913	6801	6828	-1340	18112	0	18112	2576	20688	50.04
14	5223	311	232	5766	410	5004	0	878	6817	6725	-1190	17593	0	17593	2449	20042	50.03
15	5170	329	223	5722	417	4957	0	770	6852	6841	-1189	17518	0	17518	2484	20002	50.00
16	5243	264	222	5729	286	4983	0	539	6985	6842	-1195	17184	0	17184	2508	19692	49.99
17	5308	289	232	5829	224	5007	0	312	6398	6298	-1153	16517	0	16517	2510	19027	49.89
18	5227	173	222	5622	190	5009	0	53	6015	5998	-1148	15724	0	15724	2507	18231	50.02
19	5253	173	222	5648	267	4991	0	0	6024	6341	-1338	15909	0	15909	2522	18431	50.00
20	5108	252	233	5593	304	4914	0	0	5831	5487	-1371	14927	0	14927	2450	17377	49.99
21	4781	241	222	5244	373	4483	0	0	5470	5698	-1254	14544	0	14544	2309	16853	49.97
22	4809	273	233	5315	326	4350	0	0	5369	5179	-1188	13982	0	13982	2154	16136	50.02
23	4585	93	222	4900	477	4405	0	0	5307	5289	-1143	13928	0	13928	1984	15912	50.02
24	4459	88	232	4779	665	4156	0	0	5130	4985	-993	13592	0	13592	1831	15423	50.05
MUs	120.07	5.98	6.17	132.21	16.23	109.83	0.00	5.93	138.51	137.40	-24.90	376.71	0.00	376.71	50.25	426.96	50.01

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/Jan/2020

Position as on 6.30 Hrs of 11/Jan/2020

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.	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem (Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	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	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	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage (Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jan/2020

Position as on 6.30 Hrs of 11/Jan/2020

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	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	31/12/2019	03.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from (10.25hrs DT. 01-01-2020)	
MSPGCL	Khaparkheda Unit 2	210	31/12/2019	16.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58		Continued.	Zero Schedule By MSEDCL	

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

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	10/01/2020	09.10	10/01/2020	16.28	PO	Bay Maintenance Work.
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
Padgha Tarapur II	InterState	09/01/2020	09.11		Continued.	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	09/01/2020	19.25	10/01/2020	08.45	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/01/2020	18.29		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/01/2020	18.03	10/01/2020	08.10	HT	Over Voltage
Bus Coupler @ Padgha	IntraState	10/01/2020	08.32		Continued.	PO	Bus Section 7 Conductor Replacement
Bhusawal-Aurangabad	IntraState	10/01/2020	17.15		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.
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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Bhugaon-WardhaPG (Deoli)	IntraState	09/01/2020	14.48	10/01/2020	02.56	PO	Routine Maintenance Work
Dhule - Dondaicha Ckt	IntraState	10/01/2020	07.42	10/01/2020	15.30	PO	For Replacement of Y & B phase CTs. Replacement Of Copper Clamp By Al Clamp.
Paras-Balapuri li	IntraState	10/01/2020	07.53	10/01/2020	16.55	PO	Removal Of Horizontal jumpers Provided On 220Kv Paras Balapur Ckt 2 At M/c Loc No.11 For Making through 220Kv Balapur Malkapur & 220Kv paras Malkapur Ckt For 220kv Malkapur Substation.
Paras-Balapuri Iv	IntraState	10/01/2020	07.53	10/01/2020	15.22	PO	Removal Of Horizontal jumpers Provided On 220Kv Paras Balapur Ckt 2. At M/c Loc No.11 For Making through 220Kv Balapur Malkapur & 220Kv paras Malkapur Ckt For 220kv Malkapur Substation.
Tata Borivli MSETCL Borivli 5	IntraState	10/01/2020	09.10	10/01/2020	13.43	PO	CRM,Relay Testing Work.
Kandalgaon - Koyna (Pophali)	IntraState	10/01/2020	10.00	10/01/2020	20.45	PO	Main Bus Section At Pophali End.
Pedambe-Pophali	IntraState	10/01/2020	10.10	10/01/2020	21.00	PO	Main Bus Section At Pophali End.
Koyna (Pophali) - Kdph	IntraState	10/01/2020	10.10	10/01/2020	21.10	PO	Main Bus Section outage At Pophali End.
Main Bus Section-I @ Pophali	IntraState	10/01/2020	10.20	10/01/2020	20.45	PO	Replacement Of 245 Kv CTs
Bableshwar- Bableshwar-II	IntraState	10/01/2020	10.39	10/01/2020	16.32	PO	Replacement Of Defective Pilot & Tension String Of R & Y Phase.
220KV Sawangi- Bhokardan	IntraState	10/01/2020	12.40	10/01/2020	17.47	PO	Routine Maintenance Work & Testing Work.
Ambazari-Abhijeet	IntraState	10/01/2020	13.19	10/01/2020	19.58	EO	Relay Replacement Work At Abhijeet End.
Babhaleshwar - Degaon Rangari	IntraState	10/01/2020	13.56	10/01/2020	16.34	HT	For Isolator Maintenance At Degaon Rangari End.
Bhugaon- Wardha	IntraState	10/01/2020	14.48	10/01/2020	02.56	PO	Wave trap Replacement Work.
220 KV ICT Outages/Trippings							
220/132Kv 200MVA ICT-II @	IntraState	10/01/2020	10.41	10/01/2020	13.07	PO	Annual Maintenance 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 10/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 11/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mudshingi							