

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jan/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.900	1276.949	1) Gujrat	4.116	43.883
2) Hydro	18.294	139.756	2) Madhya Pradesh	14.841	160.473
3) Gas	5.114	62.923	3) Chattisgarh	7.500	83.520
Total MSPGCL	144.308	1479.628	4) Maharashtra	108.774	1185.758
B) 1) APML	70.585	750.040	5) Goa (Amona)	-0.704	-6.578
2) JSWEL	24.971	261.796	Total	134.527	1467.056
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.956	218.289
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.994	231.572
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	22.523	267.489
6) Other IPP	15.557	167.384	Include PX	0.164	20.853
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.956	218.289
C) 1) TPCL Thermal	14.796	156.002	Include PX	6.922	81.668
2) TPCL Hydro	3.238	35.097	Standby	0.000	0.000
3) TPCL Gas	2.478	26.579	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.359	84.684	1) MSEDCL	384.432	4073.872
D) STATE			2) Mumbai Discoms	49.865	533.933
1) Thermal	252.168	2696.855	TOTAL STATE	434.297	4607.805
(A1+C1+C4+(B1-B6))					
2) Hydro	21.532	174.853			
(A2+C2)					
3) Gas	7.592	89.502			
(A3+B7+C3)					
4) Wind	12.596	121.855			
6) SOLAR	5.882	57.685			
TOTAL STATE	299.770	3140.750			

* 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	5153	5234	5511	4350
MSPGCL Hydro	2062	1814	666	90
MSPGCL Gas	274	264	135	222
MSPGCL Total Generation	7489	7312	6312	4662
Central Sector Receipt	6560	6342	5675	4087
WIND	405	288	230	1021
CPP / IPP Thermal	4981	5076	5073	3744
CPP / IPP Gas	0	0	0	0
SOLAR	886	938	0	0
Exchange with Mumbai	-1193	-1160	-1196	-709
MSEDCL DEMAND MET	19128	18796	16094	12805
Load Shedding	0	0	0	0
MSEDCL DEMAND	19128	18796	16094	12805
TPCL GENERATION	1079	1086	1041	583
AEML GENERATION	250	251	250	191
MUMBAI DEMAND	2522	2497	2487	1483
STATE DEMAND MET	21650	21293	18581	14288
STATE DEMAND	21650	21293	18581	14288
Frequency (Hz)	50.00	50.01	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.49 Hrs	49.77 Hz at 09.10 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 11/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	10.88	128.39	575	330
Unit 9	10.83	127.34	560	350
Unit 10	9.89	77.60	495	360
Total	31.60	333.32		
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	5.43	39.82	250	189
Unit 7	5.34	45.72	248	151
Unit 8	5.47	59.31	250	156
Total	16.24	144.86		
Chandrapur				
Unit 3	4.24	45.95	190	164
Unit 4	4.06	42.66	180	156
Unit 5	8.49	93.83	370	330
Unit 6	10.79	115.12	475	365
Unit 7	0.00	0.00	0	0
Unit 8	10.64	116.70	476	360
Unit 9	9.53	112.80	460	270
Total	47.76	527.06		
Paras				
Unit 3	5.24	54.58	250	187
Unit 4	5.32	57.35	254	193
Total	10.55	111.93		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.02	0.02	20	0
Unit 3	0.01	0.01	12	0
Unit 4	0.01	3.22	10	0
Unit 5	10.52	111.12	500	360
Total	10.56	114.38		
Nasik				
Unit 3	4.19	45.40	193	155
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.19	45.40		
Uran				
All Units	5.11	62.92	295	123
Total	5.11	62.92		
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)	0.14	0.85	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.85		
Koyna				
Stage 1-2	5.10	36.96	505	40
Stage 4	7.57	57.85	1000	0
Stage 3	2.67	20.27	320	0
Total	15.35	115.08		
Hydro				
KDPH	0.44	2.99	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	5.16	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.44	80	0
RNGR+BHTSA	0.38	3.68	16	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.42	3.63	28	15
GHATGHAR	1.08	7.74	125	0
Total	2.95	24.68		
Wind				
Total	12.60	121.86	0	0
Total	12.60	121.86		
CPP				
APML(Mus)	70.58	750.04	0	0
JSWEL(Mus)	24.97	261.80	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)	15.56	167.38	0	0
Total	111.11	1179.22		
SOLAR				
Total	5.88	57.68	0	0
Total	5.88	57.68		
Tata				
Trombay 5	9.61	99.84	480	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.38	14.79	71	41
Trombay 7B	1.09	11.79	53	37
Trombay 8	5.18	56.16	243	181
TATA Hydro	3.24	35.10	255	0
Total	20.51	217.68		
AEML				
DTPS U-1&2	5.36	84.68	251	190
Total	5.36	84.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.90	1276.95	MSPGCL Total	144.31	1479.63
			MSPGCL Thml+Gas	126.01	1339.87	Koyna 1,2 & 4 Total	12.67	94.81
			MSPGCL Hydro	18.29	139.76	State Total	299.77	3140.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4393	105	222	4720	826	3796	0	0	4917	4689	-911	13120	0	13120	1683	14803	50.02
2	4363	95	233	4691	992	3725	0	0	4494	4469	-776	13101	0	13101	1551	14652	50.02
3	4350	90	222	4662	1021	3744	0	0	4450	4087	-709	12805	0	12805	1483	14288	50.04
4	4344	95	232	4671	1027	3745	0	0	4207	4268	-671	13040	0	13040	1446	14486	50.06
5	4363	95	222	4680	929	3779	0	0	4805	4831	-681	13538	0	13538	1454	14992	50.02
6	4723	95	233	5051	925	4209	0	0	5367	5543	-774	14954	0	14954	1550	16504	49.97
7	5103	190	269	5562	944	4636	0	2	5771	5591	-803	15932	0	15932	1710	17642	49.96
8	5184	808	295	6287	874	4766	0	61	5850	6018	-692	17314	0	17314	1829	19143	49.98
9	5207	1160	285	6652	711	4911	0	228	5731	5969	-806	17665	0	17665	2013	19678	50.00
10	5079	1757	280	7116	660	4870	0	480	6053	6302	-1002	18426	0	18426	2293	20719	49.92
11	5137	1912	269	7318	491	4968	0	739	6310	6476	-1155	18837	0	18837	2486	21323	50.04
12	5153	2062	274	7489	405	4981	0	886	6657	6560	-1193	19128	0	19128	2522	21650	50.00
13	5234	1814	264	7312	288	5076	0	938	6453	6342	-1160	18796	0	18796	2497	21293	50.01
14	5326	1198	272	6796	272	5077	0	898	6441	6410	-1057	18396	0	18396	2381	20777	50.02
15	5335	1153	259	6747	196	5075	0	764	6592	6540	-1059	18263	0	18263	2390	20653	49.97
16	5312	1317	247	6876	135	5060	0	550	6631	6669	-1065	18225	0	18225	2388	20613	49.96
17	5354	1518	124	6996	114	5079	0	280	6066	6168	-1075	17562	0	17562	2381	19943	49.99
18	5484	1008	123	6615	173	5048	0	56	5714	5669	-1073	16488	0	16488	2376	18864	50.02
19	5511	666	135	6312	230	5073	0	0	5711	5675	-1196	16094	0	16094	2487	18581	50.01
20	5459	280	125	5864	269	5012	0	0	5718	5781	-1219	15707	0	15707	2464	18171	50.01
21	5169	219	136	5524	276	4838	0	0	5402	5511	-1356	14793	0	14793	2344	17137	49.99
22	5129	469	128	5726	282	4699	0	0	5008	4935	-1292	14350	0	14350	2199	16549	50.02
23	5127	94	137	5358	270	4573	0	0	4931	4904	-1190	13915	0	13915	2038	15953	49.94
24	5061	94	128	5283	286	4373	0	0	4839	5120	-1079	13983	0	13983	1900	15883	50.02
MUs	120.90	18.29	5.11	144.31	12.60	111.11	0.00	5.88	134.12	134.53	-23.99	384.43	0.00	384.43	49.86	434.30	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 11/Jan/2020

Position as on 6.30 Hrs of 12/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 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 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 B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jan/2020

Position as on 6.30 Hrs of 12/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	12/01/2020	00.11	Boiler Tube Leakage(Converted to Zero Schedule from (10.25hrs DT. 01-01-2020)	
MSPGCL	Khaparkheda Unit 2	210	31/12/2019	16.53	11/01/2020	23.37	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33	11/01/2020	23.24	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58	11/01/2020	23.49	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	11/01/2020	16.02		Continued.	Gas shortage	
MSPGCL	Parli Unit 6	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 8	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Parli Unit 7	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 4	210	12/01/2020	00.11	12/01/2020	01.33	Bus Transfer System Change Over, Reverse Tower Protection.	
TPC-G	Trombay 7B	60	12/01/2020	20.14		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	12/01/2020	20.30		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 12/Jan/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
Padgha Tarapur II	InterState	09/01/2020	09.11	11/01/2020	09.16	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	10/01/2020	18.29	11/01/2020	09.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	11/01/2020	18.13	12/01/2020	06.49	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/01/2020	16.50		Continued.	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	08/01/2020	10.13	12/01/2020	18.49	EO	Shifted On Tbc, Emaergency SF-6 Breakers Gas Leakge To Be Attend.
Bus Coupler @ Padgha	IntraState	10/01/2020	08.32	12/01/2020	21.20	PO	Bus section 7 conductor replacement
Bhusawal-Aurangabad	IntraState	10/01/2020	17.15	11/01/2020	09.10	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/01/2020	19.41		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.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	11/01/2020	09.17	11/01/2020	19.54	PO	Bhushing C And Tan-D.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	11/01/2020	09.23	11/01/2020	19.02	PO	Quarterly Maintenance Work
400/220kv 315 Mva ICT II @Karad	IntraState	11/01/2020	09.58	11/01/2020	13.40	PO	NIS System of Rph ICT-2 Alam. To Check The Healthyness of NIS System.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	11/01/2020	13.46	12/01/2020	21.03	PO	In continuation With Above, A Bus @PADGHE Conductor Replacement Of Bus Section Of 400KV TBC And 315 MVA ICT-1 Is Also Possiable In Balance Outage Period.
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	12/01/2020	09.28	12/01/2020	12.17	PO	Hot Spot On Isolator.
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.
Wardha-Dhamangaon	IntraState	11/01/2020	05.58	11/01/2020	20.45	PO	To Shift The Ckt on ERS For Erection and Stringing of New Tower For NHAL.
WARDHA - WARDHA (PG) (Deoli)	IntraState	11/01/2020	07.56	11/01/2020	20.39	PO	Routine Maintenance Work
Dahanu Versova	IntraState	11/01/2020	08.18	11/01/2020	21.10	PO	Overhauling Work.
Kharghar - Nerul	IntraState	11/01/2020	09.15	11/01/2020	17.20	PO	Diagnostic Testing And Routine Maintenance Work.
New Koyna - Loteparshuram	IntraState	11/01/2020	09.21	11/01/2020	18.13	PO	Diagnostic Testing.
Pigasus-Hinjewadi-II	IntraState	11/01/2020	09.32	11/01/2020	17.25	PO	Diagnostic Testing Half Yearly Maintenance Work.
Jejuri-Phursungi ckt-2	IntraState	11/01/2020	10.10	11/01/2020	19.43	PO	Half Yearly Maintenance of Bay, CT Tan Delta.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	11/01/2020	13.07	11/01/2020	15.59	PO	R-Phase Bus-Jumper Replacement Work At Ghatghar S/s.
Ongc Uran - Jnpt	IntraState	11/01/2020	14.31	11/01/2020	18.25	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	11/01/2020	16.15	11/01/2020	20.01	T	Sparking At Ghatghar End, R Ph LA Flashover. 12.75 KAMP.
Padghe - Nalasopara	IntraState	12/01/2020	08.18	12/01/2020	16.59	PO	Cut Point Formation and Stringing 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 11/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 12/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pegasus - Infosys	IntraState	12/01/2020	10.21	12/01/2020	13.58	PO	CT And CB Testing Work.
NERUL - SEAWOOD CABLE CKT - 1	IntraState	12/01/2020	11.53	12/01/2020	14.52	PO	Maintenance Work By Central Railway.
Main Bus-I@Versova	IntraState	12/01/2020	11.59	12/01/2020	18.33	PO	Disconnection Of 220Kv Ais Bus Sec 1 From Gis Bus 1.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	12/01/2020	15.10	12/01/2020	19.03	PO	LA Replacement Work.
220 KV ICT Outages/Trippings							
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	11/01/2020	10.28	11/01/2020	12.40	EO	Distance Relay Testing Work
220/100 Kv 200 MVA ICT I @Apta	IntraState	11/01/2020	10.45	11/01/2020	17.32	PO	Bushing & Winding Tan Delta Testing Work.