

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Jan/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.051	1399.000	1) Gujrat	3.772	47.655
2) Hydro	10.096	149.852	2) Madhya Pradesh	11.564	172.037
3) Gas	3.054	65.977	3) Chattisgarh	6.410	89.930
Total MSPGCL	135.201	1614.829	4) Maharashtra	117.236	1302.994
B) 1) APMIL	73.118	823.158	5) Goa (Amona)	-0.418	-6.996
2) JSWEL	25.015	286.811	Total	138.564	1605.620
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.298	238.587
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.182	253.754
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	26.784	294.273
6) Other IPP	16.186	183.570	Include PX	5.214	26.067
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.298	238.587
C) 1) TPCL Thermal	14.771	170.773	Include PX	5.720	87.388
2) TPCL Hydro	1.337	36.434	Standby	0.000	0.000
3) TPCL Gas	1.709	28.288	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.385	90.069	1) MSEDCL	379.712	4453.584
D) STATE			2) Mumbai Discoms	45.384	579.317
1) Thermal	256.526	2953.381	TOTAL STATE	425.096	5032.901
(A1+C1+C4+(B1-B6))					
2) Hydro	11.433	186.286			
(A2+C2)					
3) Gas	4.763	94.265			
(A3+B7+C3)					
4) Wind	7.389	129.244			
6) SOLAR	6.421	64.106			
TOTAL STATE	286.532	3427.282			

* 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	5306	5245	5225	4438
MSPGCL Hydro	1223	1319	110	98
MSPGCL Gas	135	123	126	129
MSPGCL Total Generation	6664	6687	5461	4665
Central Sector Receipt	7055	6765	5650	4784
WIND	328	270	53	498
CPP / IPP Thermal	5068	5063	5129	4170
CPP / IPP Gas	0	0	0	0
SOLAR	956	1019	0	0
Exchange with Mumbai	-1040	-1018	-934	-774
MSEDCL DEMAND MET	19031	18786	15359	13343
Load Shedding	0	0	0	0
MSEDCL DEMAND	19031	18786	15359	13343
TPCL GENERATION	851	854	919	588
AEML GENERATION	251	250	250	191
MUMBAI DEMAND	2142	2122	2103	1553
STATE DEMAND MET	21173	20908	17462	14896
STATE DEMAND	21173	20908	17462	14896
Frequency (Hz)	49.94	49.95	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.02 Hrs	49.77 Hz at 11.33 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 12/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	11.74	140.12	574	401
Unit 9	9.69	137.03	500	350
Unit 10	10.76	88.36	495	420
Total	32.19	365.51		
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	0.00	39.82	0	0
Unit 7	0.00	45.72	0	0
Unit 8	0.00	59.31	0	0
Total	0.00	144.86		
Chandrapur				
Unit 3	4.37	50.32	188	163
Unit 4	3.70	46.36	165	150
Unit 5	8.51	102.35	360	344
Unit 6	10.87	125.99	475	365
Unit 7	0.00	0.00	0	0
Unit 8	11.04	127.75	475	360
Unit 9	10.45	123.24	455	370
Total	48.94	576.01		
Paras				
Unit 3	5.44	60.02	250	187
Unit 4	5.52	62.87	250	190
Total	10.96	122.89		
Khaparkheda				
Unit 1	3.45	3.45	185	20
Unit 2	3.56	3.58	190	55
Unit 3	4.04	4.05	195	60
Unit 4	3.84	7.07	195	5
Unit 5	10.85	121.98	500	360
Total	25.75	140.13		
Nasik				
Unit 3	4.21	49.61	190	156
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.21	49.61		
Uran				
All Units	3.05	65.98	140	100
Total	3.05	65.98		
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)	0.20	1.05	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	1.05		
Koyna				
Stage 1-2	2.72	39.68	370	25
Stage 4	3.41	61.26	686	0
Stage 3	1.18	21.44	160	0
Total	7.31	122.38		
Hydro				
KDPH	0.44	3.43	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.48	5.64	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.58	80	0
RNGR+BHTSA	0.34	4.02	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.40	4.04	17	16
GHATGHAR	0.98	8.71	125	0
Total	2.79	27.47		
Wind				
Total	7.39	129.24	0	0
Total	7.39	129.24		
CPP				
APML(Mus)	73.12	823.16	0	0
JSWEL(Mus)	25.02	286.81	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)	16.19	183.57	0	0
Total	114.32	1293.54		
SOLAR				
Total	6.42	64.11	0	0
Total	6.42	64.11		
Tata				
Trombay 5	9.58	109.42	480	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.94	15.73	59	0
Trombay 7B	0.77	12.56	47	0
Trombay 8	5.19	61.35	243	183
TATA Hydro	1.34	36.43	208	19
Total	17.82	235.50		
AEML				
DTPS U-1&2	5.38	90.07	251	190
Total	5.38	90.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.05	1399.00	MSPGCL Total	135.20	1614.83
			MSPGCL Thml+Gas	125.10	1464.98	Koyna 1,2 & 4 Total	6.13	100.94
			MSPGCL Hydro	10.10	149.85	State Total	286.53	3427.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4585	178	138	4901	362	4247	0	0	5254	5167	-986	13691	0	13691	1755	15446	50.00
2	4559	88	139	4786	455	4211	0	0	5246	4905	-861	13496	0	13496	1632	15128	50.01
3	4438	98	129	4665	498	4170	0	0	4857	4784	-774	13343	0	13343	1553	14896	50.02
4	4427	93	139	4659	588	4052	0	0	4831	4827	-718	13408	0	13408	1504	14912	49.99
5	4664	89	130	4883	607	4189	0	0	5006	4995	-712	13962	0	13962	1496	15458	50.01
6	5122	94	139	5355	552	4400	0	0	5462	5397	-792	14912	0	14912	1567	16479	50.00
7	5300	99	130	5529	520	4753	0	2	6237	5996	-835	15965	0	15965	1630	17595	50.02
8	5291	570	140	6001	548	4909	0	62	6071	6055	-735	16840	0	16840	1709	18549	50.00
9	5339	977	129	6445	448	5039	0	269	6034	6050	-801	17450	0	17450	1850	19300	49.99
10	5371	903	139	6413	580	4911	0	533	6393	6377	-919	17895	0	17895	1992	19887	49.99
11	5328	1031	126	6485	533	5043	0	817	6819	6665	-1008	18535	0	18535	2108	20643	49.98
12	5306	1223	135	6664	328	5068	0	956	7107	7055	-1040	19031	0	19031	2142	21173	49.94
13	5245	1319	123	6687	270	5063	0	1019	6800	6765	-1018	18786	0	18786	2122	20908	49.95
14	5345	876	133	6354	219	5078	0	939	6706	6547	-951	18186	0	18186	2057	20243	49.98
15	5368	598	124	6090	193	5090	0	819	6886	6770	-894	18068	0	18068	1999	20067	50.02
16	5370	465	133	5968	126	5074	0	606	6819	6749	-858	17665	0	17665	1960	19625	50.01
17	5342	449	125	5916	98	5094	0	337	6233	6102	-825	16722	0	16722	1933	18655	49.94
18	5249	81	135	5465	64	5075	0	62	5605	5702	-842	15526	0	15526	1958	17484	50.02
19	5225	110	126	5461	53	5129	0	0	5509	5650	-934	15359	0	15359	2103	17462	50.00
20	5217	96	113	5426	95	5097	0	0	5517	5513	-919	15212	0	15212	2168	17380	50.00
21	5167	96	110	5373	78	4972	0	0	5306	5120	-1156	14387	0	14387	2139	16526	49.99
22	5105	91	109	5305	49	4839	0	0	5121	4960	-1215	13938	0	13938	2086	16024	50.00
23	4846	171	100	5117	57	4446	0	0	5071	5174	-1196	13598	0	13598	2012	15610	49.97
24	4842	301	110	5253	68	4370	0	0	4971	5239	-1193	13737	0	13737	1909	15646	50.01
MUs	122.05	10.10	3.05	135.20	7.39	114.32	0.00	6.42	139.86	138.56	-22.18	379.71	0.00	379.71	45.38	425.10	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 12/Jan/2020

Position as on 6.30 Hrs of 13/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 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	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 12/Jan/2020

Position as on 6.30 Hrs of 13/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	Uran Unit 6	108	11/01/2020	16.02		Continued.	Gas shortage	
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	Parli Unit 6	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 12/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 13/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
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	13/01/2020	07.24	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	11/01/2020	19.41	13/01/2020	07.21	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 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 Possible 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.
Padghe - Nalasopara	IntraState	12/01/2020	08.18	12/01/2020	16.59	PO	Cut Point Formation and Stringing Work.
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.

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