

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jan/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.301	3948.193	1) Gujrat	4.753	155.137
2) Hydro	8.684	363.910	2) Madhya Pradesh	12.265	389.069
3) Gas	5.905	167.951	3) Chattisgarh	5.360	205.270
Total MSPGCL	154.890	4480.054	4) Maharashtra	115.797	3653.979
B) 1) APMIL	72.710	2210.302	5) Goa (Amona)	-0.528	-16.610
2) JSWEL	23.183	748.629	Total	137.647	4386.845
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.726	677.005
4) RPL(AMT)	5.645	10.269	b) Mumbai Drawl	22.546	712.912
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.943	882.773
6) Other IPP	14.919	474.223	Include PX	3.123	167.394
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.726	676.080
C) 1) TPCL Thermal	13.727	445.986	Include PX	8.905	258.309
2) TPCL Hydro	3.442	103.673	Standby	0.000	0.925
3) TPCL Gas	3.035	66.743	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.141	188.676	1) MSEDCL	400.532	12050.632
D) STATE			2) Mumbai Discoms	47.891	1517.992
1) Thermal	275.626	8026.278	TOTAL STATE	448.423	13568.624
(A1+C1+C4+(B1-B6))					
2) Hydro	12.126	467.583			
(A2+C2)					
3) Gas	8.940	234.694			
(A3+B7+C3)					
4) Wind	6.742	266.663			
6) SOLAR	7.342	186.559			
TOTAL STATE	310.776	9181.777			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6335	6299	5833	5078
MSPGCL Hydro	1045	688	354	96
MSPGCL Gas	271	269	240	234
MSPGCL Total Generation	7651	7256	6427	5408
Central Sector Receipt	6905	6703	5425	4829
WIND	275	230	151	306
CPP / IPP Thermal	5133	5129	5034	4366
CPP / IPP Gas	0	0	0	0
SOLAR	1037	1080	0	0
Exchange with Mumbai	-1185	-1172	-1328	-560
MSEDCL DEMAND MET	19816	19226	15709	14349
Load Shedding	0	0	0	0
MSEDCL DEMAND	19816	19226	15709	14349
TPCL GENERATION	1072	1066	817	564
AEML GENERATION	251	250	191	192
MUMBAI DEMAND	2508	2488	2336	1316
STATE DEMAND MET	22324	21714	18045	15665
STATE DEMAND	22324	21714	18045	15665
Frequency (Hz)	49.99	49.98	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.02 Hrs	49.82 Hz at 12.11 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 31/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	10.80	337.31	529	380
Unit 9	11.29	339.69	520	380
Unit 10	11.86	304.90	550	450
Total	33.96	981.90		
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	5.24	89.66	250	187
Unit 7	5.27	95.97	248	191
Unit 8	3.04	141.28	242	0
Total	13.55	326.92		
Chandrapur				
Unit 3	4.18	129.69	190	107
Unit 4	4.06	104.72	175	162
Unit 5	0.00	228.45	0	0
Unit 6	10.42	316.18	480	360
Unit 7	10.14	102.81	470	345
Unit 8	11.04	332.84	495	360
Unit 9	11.16	328.76	500	320
Total	51.01	1543.45		
Paras				
Unit 3	5.47	147.69	251	190
Unit 4	5.65	160.84	258	194
Total	11.12	308.53		
Khaparkheda				
Unit 1	3.95	80.66	180	150
Unit 2	4.22	81.90	195	160
Unit 3	4.33	84.75	204	150
Unit 4	4.46	89.86	200	160
Unit 5	9.63	326.90	440	360
Total	26.60	664.07		
Nasik				
Unit 3	4.06	119.03	189	158
Unit 4	0.00	4.30	0	0
Unit 5	0.00	0.00	0	0
Total	4.06	123.33		
Uran				
All Units	5.90	167.95	278	225
Total	5.90	167.95		
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)	0.31	5.55	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.31	5.55		
Koyna				
Stage 1-2	3.18	104.16	580	40
Stage 4	1.91	133.93	495	0
Stage 3	0.98	50.93	160	0
Total	6.07	289.02		
Hydro				
KDPH	0.20	9.56	19	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	14.68	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.45	76	0
RNGR+BHTSA	0.33	10.74	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.48	11.34	31	17
GHATGHAR	0.87	24.07	125	0
Total	2.62	74.89		
Wind				
Total	6.74	266.66	0	0
Total	6.74	266.66		
CPP				
APML(Mus)	72.71	2210.30	0	0
JSWEL(Mus)	23.18	748.63	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.64	10.27	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.92	474.22	0	0
Total	116.46	3443.42		
SOLAR				
Total	7.34	186.56	0	0
Total	7.34	186.56		
Tata				
Trombay 5	8.78	287.66	473	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	38.17	100	46
Trombay 7B	1.23	28.57	62	36
Trombay 8	4.95	158.32	243	173
TATA Hydro	3.44	103.67	264	0
Total	20.20	616.40		
AEML				
DTPS U-1&2	5.14	188.68	251	190
Total	5.14	188.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.30	3948.19	MSPGCL Total	154.89	4480.05
			MSPGCL Thml+Gas	146.21	4116.14	Koyna 1,2 & 4 Total	5.09	238.09
			MSPGCL Hydro	8.68	363.91	State Total	310.78	9181.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/Jan/2020

Annexure-2

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	5456	96	225	5777	239	4388	0	0	4958	4933	-663	14674	0	14674	1488	16162	50.01
2	5290	101	234	5625	258	4385	0	0	4905	4751	-584	14435	0	14435	1369	15804	50.02
3	5078	96	234	5408	306	4366	0	0	4856	4829	-560	14349	0	14349	1316	15665	50.01
4	5208	121	235	5564	356	4371	0	0	4831	4923	-526	14688	0	14688	1282	15970	50.00
5	5478	101	234	5813	412	4479	0	0	4990	4869	-548	15025	0	15025	1303	16328	50.01
6	5809	90	234	6133	461	4705	0	0	5533	5570	-668	16201	0	16201	1433	17634	49.99
7	6121	344	235	6700	465	5062	0	0	6067	5974	-625	17576	0	17576	1638	19214	49.96
8	6152	1094	254	7500	471	5122	0	83	5963	5921	-625	18472	0	18472	1858	20330	50.00
9	6142	1097	278	7517	379	5180	0	370	5945	5985	-842	18589	0	18589	2117	20706	50.02
10	6210	880	278	7368	443	5174	0	670	6351	6304	-1048	18911	0	18911	2337	21248	49.98
11	6271	776	275	7322	384	5121	0	880	6907	6855	-1153	19409	0	19409	2482	21891	49.96
12	6335	1045	271	7651	275	5133	0	1037	7111	6905	-1185	19816	0	19816	2508	22324	49.99
13	6299	688	269	7256	230	5129	0	1080	7017	6703	-1172	19226	0	19226	2488	21714	49.98
14	6206	368	259	6833	255	5110	0	1029	7028	6863	-1108	18982	0	18982	2357	21339	50.04
15	6220	131	240	6591	260	5080	0	890	7140	7167	-1272	18716	0	18716	2362	21078	50.01
16	6221	261	237	6719	233	5080	0	733	6860	6649	-1168	18246	0	18246	2370	20616	50.00
17	6216	246	238	6700	206	5169	0	446	6240	6424	-1006	17939	0	17939	2369	20308	49.96
18	6161	81	238	6480	159	5068	0	123	5754	5550	-1180	16200	0	16200	2357	18557	50.03
19	6052	84	239	6375	151	5015	0	1	5441	5131	-1345	15328	0	15328	2357	17685	49.97
20	5833	354	240	6427	151	5034	0	0	5398	5425	-1328	15709	0	15709	2336	18045	50.00
21	5514	192	239	5945	143	4791	0	0	5308	5015	-1182	14712	0	14712	2177	16889	49.97
22	5452	220	239	5911	180	4564	0	0	5207	4952	-1041	14566	0	14566	2037	16603	49.99
23	5341	148	240	5729	156	4493	0	0	5118	5056	-928	14506	0	14506	1864	16370	50.02
24	5236	70	240	5546	169	4438	0	0	5020	4893	-789	14257	0	14257	1686	15943	50.02
MUs	140.30	8.68	5.91	154.89	6.74	116.46	0.00	7.34	139.95	137.65	-22.55	400.53	0.00	400.53	47.89	448.42	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 31/Jan/2020

Position as on 6.30 Hrs of 01/Feb/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	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 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
MSPGCL	Koyna STG-IV Unit-3	250	20/01/2020	09.00		Continued.	Maintenance work	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
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)	
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	01/02/2020	06.13	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00	01/02/2020	02.18	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	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	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyna Unit 9	80	18/01/2020	08.00		Continued.	Transformer shifting work.	
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30		Continued.	Zero schedule	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40		Continued.	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 31/Jan/2020

Position as on 6.30 Hrs of 01/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	30/01/2020	22.31	31/01/2020	04.48	Flame Failure	
MSPGCL	Parli Unit 8	250	31/01/2020	19.10		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity Renevoation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 01/Feb/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	30/01/2020	20.07	31/01/2020	06.04	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	31/01/2020	12.13	31/01/2020	15.26	PO	Sparking At LOC No-237 At SSP End.
Dhule Sar'Sarovar II	InterState	31/01/2020	19.07	01/02/2020	06.13	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/01/2020	18.04	31/01/2020	06.10	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/01/2020	18.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	31/01/2020	11.33	31/01/2020	22.13	PO	Diagnostic Testing Work.
400/220KV 500MVA ICT- II@Taptitanda	IntraState	31/01/2020	12.06	31/01/2020	19.42	PO	Diagnostic Testing 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)
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.
Talandge-Mudshingi Ckt-I	IntraState	27/01/2020	08.45		Continued.	PO	Construction Work.
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Kalwa - Mulund 1	IntraState	31/01/2020	05.59	31/01/2020	10.55	PO	Safety Purpose.
Mulund - GIS Bhandup	IntraState	31/01/2020	06.00	31/01/2020	10.58	PO	Safety Purpose.
Vasai Kamba	IntraState	31/01/2020	09.20	31/01/2020	17.56	PO	Bus 2 Outage At Kamba.
Padghe-Kamba II	IntraState	31/01/2020	09.33	31/01/2020	20.11	PO	Bus 2 Outage At Kamba.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	31/01/2020	09.39	31/01/2020	15.39	PO	Bus Section-2 Diagnostic Work.
Peth- Mudshingi -I	IntraState	31/01/2020	09.45	31/01/2020	19.30	PO	New Earth Wire Stringing.
Padghe - Jambhul 1	IntraState	31/01/2020	09.54	31/01/2020	19.24	PO	CT Tan Delta, CB CRM.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	31/01/2020	09.55	31/01/2020	19.29	PO	New Earth Wire Stringing.
Kanhan-Bhandara I	IntraState	31/01/2020	11.23	31/01/2020	16.47	PO	Diagnostic Testing Work.
Kharghar-Sonkhar	IntraState	31/01/2020	12.38	31/01/2020	19.01	PO	Diagnostic Testing Work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijai Ict 2 @Bale (Solapur 2)	IntraState	28/01/2020	10.52		Continued.	HT	Abnormal sound

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