

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 20/Jan/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.075	2380.089	1) Gujrat	5.913	92.695
2) Hydro	17.131	263.478	2) Madhya Pradesh	9.288	259.351
3) Gas	6.879	100.582	3) Chattisgarh	6.690	141.670
Total MSPGCL	147.085	2744.149	4) Maharashtra	123.329	2300.014
B) 1) APLM	73.485	1414.547	5) Goa (Amona)	-0.528	-10.296
2) JSWEL	25.550	480.326	Total	144.692	2783.434
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.633	417.390
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.221	433.939
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	35.519	548.907
6) Other IPP	16.130	308.119	Include PX	11.081	102.747
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.633	417.390
C) 1) TPCL Thermal	14.813	290.068	Include PX	7.495	152.869
2) TPCL Hydro	3.679	64.851	Standby	0.000	0.000
3) TPCL Gas	3.037	37.829	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.377	133.166	1) MSEDCL	396.796	7584.873
D) STATE			2) Mumbai Discoms	49.127	959.855
1) Thermal	258.430	5006.315	TOTAL STATE	445.923	8544.728
(A1+C1+C4+(B1-B6))					
2) Hydro	20.810	328.329			
(A2+C2)					
3) Gas	9.916	138.411			
(A3+B7+C3)					
4) Wind	6.169	175.429			
6) SOLAR	5.906	112.808			
TOTAL STATE	301.231	5761.292			

* 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	5249	5204	5756	4406
MSPGCL Hydro	1406	1625	385	73
MSPGCL Gas	278	267	285	293
MSPGCL Total Generation	6933	7096	6426	4772
Central Sector Receipt	7724	7217	5530	4709
WIND	270	241	107	333
CPP / IPP Thermal	5121	5112	5071	4173
CPP / IPP Gas	0	0	0	0
SOLAR	904	904	0	0
Exchange with Mumbai	-1326	-1277	-1070	-506
MSEDCL DEMAND MET	19626	19293	16064	13481
Load Shedding	0	0	0	0
MSEDCL DEMAND	19626	19293	16064	13481
TPCL GENERATION	1050	1048	1113	580
AEML GENERATION	249	250	248	188
MUMBAI DEMAND	2625	2575	2431	1274
STATE DEMAND MET	22251	21868	18495	14755
STATE DEMAND	22251	21868	18495	14755
Frequency (Hz)	50.04	50.03	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 17.04 Hrs	49.77 Hz at 06.43 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/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	8.28	220.51	500	170
Unit 9	12.20	221.52	590	410
Unit 10	11.53	183.10	512	425
Total	32.01	625.12		
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	5.46	84.69	249	189
Total	5.46	170.24		
Chandrapur				
Unit 3	4.10	83.06	179	163
Unit 4	3.74	75.75	163	136
Unit 5	7.16	158.66	315	285
Unit 6	10.13	204.91	480	295
Unit 7	1.43	1.43	236	0
Unit 8	10.69	214.37	465	360
Unit 9	10.73	209.22	480	360
Total	47.97	947.40		
Paras				
Unit 3	5.40	93.02	250	187
Unit 4	1.05	102.56	197	0
Total	6.44	195.58		
Khaparkheda				
Unit 1	4.20	36.56	190	160
Unit 2	4.28	37.32	190	160
Unit 3	3.12	37.49	185	0
Unit 4	4.29	41.91	198	160
Unit 5	11.02	210.28	500	365
Total	26.92	363.56		
Nasik				
Unit 3	4.27	74.20	191	160
Unit 4	0.00	3.98	0	0
Unit 5	0.00	0.00	0	0
Total	4.27	78.18		
Uran				
All Units	6.88	100.58	306	263
Total	6.88	100.58		
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)	0.29	2.39	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.29	2.39		
Koyna				
Stage 1-2	4.80	69.58	565	40
Stage 4	7.53	109.72	764	0
Stage 3	2.54	38.38	240	0
Total	14.87	217.68		
Hydro				
KDPH	0.00	4.12	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	9.33	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.75	80	0
RNGR+BHTSA	0.38	6.85	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.28	6.58	12	11
GHATGHAR	1.02	16.11	125	0
Total	2.26	45.80		
Wind				
Total	6.17	175.43	0	0
Total	6.17	175.43		
CPP				
APML(Mus)	73.48	1414.55	0	0
JSWEL(Mus)	25.55	480.33	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)	16.13	308.12	0	0
Total	115.16	2202.99		
SOLAR				
Total	5.91	112.81	0	0
Total	5.91	112.81		
Tata				
Trombay 5	9.67	186.96	478	275
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	21.52	88	52
Trombay 7B	1.26	16.30	57	42
Trombay 8	5.14	103.11	243	175
TATA Hydro	3.68	64.85	294	0
Total	21.53	392.75		
AEML				
DTPS U-1&2	5.38	133.17	250	187
Total	5.38	133.17		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.08	2380.09	MSPGCL Total	147.08	2744.15
			MSPGCL Thml+Gas	129.95	2480.67	Koyna 1,2 & 4 Total	12.33	179.30
			MSPGCL Hydro	17.13	263.48	State Total	301.23	5761.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	4722	72	303	5097	352	4187	0	0	5011	4667	-624	13679	0	13679	1446	15125	50.00
2	4435	72	291	4798	287	4168	0	0	4885	4755	-551	13457	0	13457	1337	14794	49.99
3	4406	73	293	4772	333	4173	0	0	4802	4709	-506	13481	0	13481	1274	14755	50.00
4	4384	68	294	4746	354	4148	0	0	4805	4826	-503	13571	0	13571	1239	14810	49.99
5	4611	143	302	5056	383	4307	0	0	4983	5204	-521	14429	0	14429	1255	15684	49.92
6	4922	178	295	5395	462	4661	0	0	5556	5593	-636	15475	0	15475	1423	16898	49.93
7	5034	603	294	5931	406	4881	0	2	6387	6297	-598	16919	0	16919	1664	18583	49.95
8	5106	1100	306	6512	432	4961	0	54	6821	6688	-675	17972	0	17972	1879	19851	49.98
9	5238	1292	295	6825	353	5014	0	256	6724	6686	-912	18222	0	18222	2170	20392	50.02
10	5348	1496	290	7134	330	5052	0	504	6926	6927	-1136	18811	0	18811	2422	21233	50.00
11	5312	1260	282	6854	316	5085	0	786	7434	7430	-1301	19170	0	19170	2584	21754	50.02
12	5249	1406	278	6933	270	5121	0	904	7696	7724	-1326	19626	0	19626	2625	22251	50.04
13	5204	1625	267	7096	241	5112	0	904	7242	7217	-1277	19293	0	19293	2575	21868	50.03
14	5273	1269	273	6815	199	5089	0	827	7094	7187	-1177	18940	0	18940	2460	21400	50.04
15	5160	1222	263	6645	157	5109	0	741	7319	7412	-1141	18923	0	18923	2489	21412	50.00
16	5134	1262	264	6660	143	5102	0	564	7425	7416	-1145	18740	0	18740	2486	21226	49.92
17	5180	1267	276	6723	123	5116	0	291	6639	6628	-1123	17758	0	17758	2488	20246	49.98
18	5223	1157	280	6660	120	5114	0	73	5846	5920	-1063	16824	0	16824	2457	19281	50.04
19	5454	530	283	6267	146	5097	0	0	5663	5502	-1083	15929	0	15929	2473	18402	50.00
20	5756	385	285	6426	107	5071	0	0	5651	5530	-1070	16064	0	16064	2431	18495	50.03
21	5581	130	287	5998	105	4856	0	0	5459	5302	-1120	15141	0	15141	2242	17383	50.01
22	5408	212	288	5908	128	4751	0	0	5118	5338	-1003	15122	0	15122	2078	17200	50.02
23	5429	207	289	5925	195	4530	0	0	5006	4962	-904	14708	0	14708	1904	16612	49.97
24	5506	102	301	5909	227	4460	0	0	4922	4772	-826	14542	0	14542	1726	16268	50.00
MUs	123.08	17.13	6.88	147.09	6.17	115.17	0.00	5.91	145.41	144.69	-22.22	396.80	0.00	396.80	49.13	445.92	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/Jan/2020

Position as on 6.30 Hrs of 21/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	20/01/2020	09.17	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.	
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 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jan/2020

Position as on 6.30 Hrs of 21/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 7	250	12/01/2020	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Koyna Unit 9	80	18/01/2020	08.00		Continued.	Transformer shifted work.	
MSPGCL	Nasik Unit 4	210	19/01/2020	04.35		Continued.	Governing problem.	
MSPGCL	Paras Unit 4	250	19/01/2020	23.13	20/01/2020	18.00	suspected Leakage	
MSPGCL	Khaparkheda Unit 3	210	20/01/2020	12.05	20/01/2020	17.18	Turbine Vibration High.	
MSPGCL	Chandrapur Unit 7	500	20/01/2020	14.15	20/01/2020	18.44	BTS Change Over.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 21/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 II	InterState	19/01/2020	18.36	20/01/2020	06.08	HT	Over Voltage
Dhule Khandwa II	InterState	20/01/2020	10.23	20/01/2020	18.32	HT	Avail Outage Of SSP Line.
Dhule Sar'Sarovar I	InterState	20/01/2020	18.43	21/01/2020	06.15	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	19/01/2020	09.44		Continued.	PO	Annual Maintenance Work
N.Koyna-Karad -Ckt I	IntraState	19/01/2020	12.20		Continued.	PO	outage of Main Bus-1 at New Koyna(REC at 21:36hrs.)
Khadka-Aurangabad (Waluj)	IntraState	19/01/2020	18.36	20/01/2020	09.32	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	20/01/2020	09.30	20/01/2020	20.02	PO	Replacement Of Insulator String.
Babhaleshwar - Padghe-II	IntraState	20/01/2020	10.08	20/01/2020	19.12	T	Distance Protection
Taptitanda Waluj	IntraState	20/01/2020	10.24	20/01/2020	18.44	PO	Chemical Tratment On Porcelain Insulator Strings.
Girwali-Solapur (Lamboti)	IntraState	20/01/2020	12.52	20/01/2020	16.44	PO	PID Testing Of Insulator Strings.
Khadka-Aurangabad (Waluj)	IntraState	20/01/2020	18.50		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	20/01/2020	19.12		Continued.	EO	EM- Chattering Sound In CVT LMU.
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 Kv 600 MVA ICT-II @Kalwa	IntraState	20/01/2020	05.49	20/01/2020	08.55	PO	To attending Oil Leakage Y-Phase PRV
400/220kv 315MVA ICT 2 @ KOLHAPUR-III (TALANDGE)	IntraState	20/01/2020	09.01		Continued.	PO	Attending Oil Leakage
400/220kv Spare Ict 1 105 Mva @Karad	IntraState	20/01/2020	10.45		Continued.	PO	Replacemnt Of Control & Relay Panel For Rapid Restriction Scheme.
400/220/33 kv 315 MVA ICT-I @Chandrapur GCR	IntraState	20/01/2020	11.07	20/01/2020	19.53	PO	Attending Oil Leakage
400/220KV 105MVASpare ICT@Akola (M)	IntraState	20/01/2020	11.33	20/01/2020	17.17	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	20/01/2020	17.41	20/01/2020	20.51	PO	Attending Hot Spot
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) - OLD GCR PARLI	InterState	20/01/2020	10.59	20/01/2020	13.51	PO	Diagnostic Testing Work.
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.
Kalwa - Mulund 2	IntraState	15/01/2020	09.02		Continued.	PO	Stringing of HTLS conductor.
Wardha-Yeotmal	IntraState	16/01/2020	12.13		Continued.	PO	Shifting/Diversion work of 220KV Deoli-Pusad D/C Line
Bhira Dharavi 7	IntraState	18/01/2020	08.08		Continued.	PO	Maintenance work.
Pedhambe - Oni	IntraState	20/01/2020	09.10	20/01/2020	16.14	PO	Outage For Relay Testing & C & Tan Delta Testing Of Line Ct.
BHUGAON WARORA CKT-II	IntraState	20/01/2020	09.13	20/01/2020	18.36	PO	Tightening Of Jumper Nut Bolt And Fixing Of Missing N/B At Various Location.
Pusad-WardhaPG(Deoli)	IntraState	20/01/2020	09.28		Continued.	PO	Routine Maintenance Work
Tata Borivli MSETCL Borivli 5	IntraState	20/01/2020	09.51	20/01/2020	13.32	PO	Tan Delta Of CT.
Gadchandur-Ultratech I	IntraState	20/01/2020	11.15	20/01/2020	17.21	PO	Routine Maintenance Work
Kalwa1- Airoli Knowledge Park	IntraState	20/01/2020	15.26	20/01/2020	15.52	EO	Covering Of Breaker Windows With Polythene.

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/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 21/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Akola-Paras Ckt No-li	IntraState	20/01/2020	15.35	20/01/2020	16.45	PO	For Attending The Oil Seepage From The Y-Phase Ct stud Of Line.
Oni Kharepatan Line	IntraState	20/01/2020	16.30	20/01/2020	20.30	PO	Relay Testing Work & Tan Delta Testing Of Line Ct.
Solapur(Bale) - Tuljapur	IntraState	20/01/2020	16.35	20/01/2020	20.07	EO	EM- Replacement Of DSN String.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	18/01/2020	09.59	20/01/2020	16.45	PO	Maintenance work.
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	20/01/2020	10.45	20/01/2020	14.05	PO	Oil Filterarion / ICT Taken In Service Due To Tripping Of 132KV Lines.
220/132 Kv 200 Mva Cgl Ict @Satana	IntraState	20/01/2020	17.40		Continued.	PO	Oil Filtration.