

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.093	129.093	1) Gujrat	5.928	5.928
2) Hydro	5.008	5.008	2) Madhya Pradesh	11.976	11.976
3) Gas	5.552	5.552	3) Chattisgarh	5.040	5.040
Total MSPGCL	139.653	139.653	4) Maharashtra	119.709	119.709
B) 1) APML	71.446	71.446	5) Goa (Amona)	-0.528	-0.528
2) JSWEL	23.202	23.202	Total	142.125	142.125
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.696	19.696
4) RPL(AMT)	12.698	12.698	b) Mumbai Drawl	22.354	22.354
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	28.014	28.014
6) Other IPP	15.697	15.697	Include PX	5.684	5.684
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.696	19.696
C) 1) TPCL Thermal	13.055	13.055	Include PX	7.010	7.010
2) TPCL Hydro	3.080	3.080	Standby	0.000	0.000
3) TPCL Gas	2.630	2.630	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.853	4.853	1) MSEDCL	397.405	397.405
D) STATE			2) Mumbai Discoms	45.972	45.972
1) Thermal	270.044	270.044	TOTAL STATE	443.377	443.377
(A1+C1+C4+(B1-B6))					
2) Hydro	8.088	8.088			
(A2+C2)					
3) Gas	8.182	8.182			
(A3+B7+C3)					
4) Wind	8.280	8.280			
6) SOLAR	6.658	6.658			
TOTAL STATE	301.252	301.252			

* 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	5650	5776	5350	4768
MSPGCL Hydro	354	224	62	82
MSPGCL Gas	234	221	234	235
MSPGCL Total Generation	6238	6221	5646	5085
Central Sector Receipt	7470	7219	6046	4869
WIND	226	263	333	278
CPP / IPP Thermal	5731	5674	5269	4418
CPP / IPP Gas	0	0	0	0
SOLAR	930	991	0	0
Exchange with Mumbai	-1150	-1180	-1215	-551
MSEDCL DEMAND MET	19445	19188	16079	14099
Load Shedding	0	0	0	0
MSEDCL DEMAND	19445	19188	16079	14099
TPCL GENERATION	1043	971	840	591
AEML GENERATION	192	192	192	191
MUMBAI DEMAND	2385	2343	2247	1333
STATE DEMAND MET	21830	21531	18326	15432
STATE DEMAND	21830	21531	18326	15432
Frequency (Hz)	50.03	50.02	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.04 Hz at 00.00 Hrs	49.97 Hz at 19.00 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 01/Feb/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	10.98	10.98	500	396
Unit 9	9.89	9.89	473	325
Unit 10	11.15	11.15	520	440
Total	32.01	32.01		
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	5.02	5.02	250	190
Unit 7	5.17	5.17	248	187
Unit 8	0.00	0.00	0	0
Total	10.20	10.20		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	3.95	175	146
Unit 5	0.00	0.00	0	0
Unit 6	10.11	10.11	480	353
Unit 7	9.70	9.70	475	345
Unit 8	10.86	10.86	500	360
Unit 9	10.88	10.88	500	360
Total	45.50	45.50		
Paras				
Unit 3	5.34	5.34	258	193
Unit 4	5.42	5.42	252	194
Total	10.77	10.77		
Khaparkheda				
Unit 1	3.96	3.96	180	150
Unit 2	4.14	4.14	190	160
Unit 3	4.30	4.30	200	158
Unit 4	4.29	4.29	200	160
Unit 5	9.94	9.94	460	358
Total	26.64	26.64		
Nasik				
Unit 3	3.97	3.97	192	153
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	3.97	3.97		
Uran				
All Units	5.55	5.55	235	221
Total	5.55	5.55		
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)	1.68	1.68	160	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.68	1.68		
Koyna				
Stage 1-2	1.83	1.83	395	40
Stage 4	0.85	0.85	493	0
Stage 3	0.54	0.54	80	0
Total	3.22	3.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.48	0.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.08	57	0
RNGR+BHTSA	0.17	0.17	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	0.46	29	16
GHATGHAR	0.60	0.60	125	0
Total	1.79	1.79		
Wind				
Total	8.28	8.28	0	0
Total	8.28	8.28		
CPP				
APML(Mus)	71.45	71.45	0	0
JSWEL(Mus)	23.20	23.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	12.70	12.70	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.70	15.70	0	0
Total	123.04	123.04		
SOLAR				
Total	6.66	6.66	0	0
Total	6.66	6.66		
Tata				
Trombay 5	8.41	8.41	472	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	1.48	99	45
Trombay 7B	1.15	1.15	61	38
Trombay 8	4.65	4.65	241	175
TATA Hydro	3.08	3.08	256	0
Total	18.76	18.76		
AEML				
DTPS U-1&2	4.85	4.85	250	190
Total	4.85	4.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.09	129.09	MSPGCL Total	139.65	139.65
			MSPGCL Thml+Gas	134.64	134.64	Koyna 1,2 & 4 Total	2.68	2.68
			MSPGCL Hydro	5.01	5.01	State Total	301.25	301.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Feb/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	5160	77	233	5470	219	4381	0	0	5119	5094	-702	14462	0	14462	1522	15984	50.01
2	4917	82	225	5224	249	4365	0	0	5054	4883	-619	14102	0	14102	1404	15506	50.00
3	4768	82	235	5085	278	4418	0	0	4994	4869	-551	14099	0	14099	1333	15432	49.97
4	4812	77	235	5124	286	4370	0	0	4971	4891	-523	14148	0	14148	1305	15453	50.00
5	5084	72	234	5390	299	4465	0	0	5106	5129	-538	14745	0	14745	1317	16062	50.04
6	5502	117	235	5854	346	4774	0	0	5595	5748	-641	16081	0	16081	1423	17504	50.01
7	5655	72	234	5961	310	5207	0	8	6400	6069	-585	16970	0	16970	1569	18539	50.01
8	5668	854	224	6746	236	5574	0	59	6080	5956	-608	17963	0	17963	1726	19689	49.99
9	5720	695	235	6650	159	5709	0	294	6010	6071	-786	18097	0	18097	1955	20052	50.02
10	5745	395	235	6375	189	5753	0	559	6559	6517	-981	18412	0	18412	2183	20595	50.01
11	5620	418	233	6271	218	5740	0	813	7081	7262	-1116	19188	0	19188	2337	21525	50.03
12	5650	354	234	6238	226	5731	0	930	7669	7470	-1150	19445	0	19445	2385	21830	50.03
13	5776	224	221	6221	263	5674	0	991	7481	7219	-1180	19188	0	19188	2343	21531	50.02
14	5756	129	231	6116	351	5592	0	996	7340	6899	-1195	18759	0	18759	2200	20959	50.02
15	5660	131	229	6020	409	5548	0	785	7391	7048	-1189	18621	0	18621	2194	20815	49.98
16	5599	156	231	5986	459	5539	0	668	7166	7073	-1180	18545	0	18545	2190	20735	49.99
17	5636	411	222	6269	475	5464	0	411	6399	6334	-1140	17813	0	17813	2176	19989	50.00
18	5664	126	232	6022	329	5437	0	127	5916	5679	-1117	16477	0	16477	2173	18650	49.98
19	5588	57	232	5877	316	5421	0	17	5748	5483	-1193	15921	0	15921	2226	18147	49.97
20	5350	62	234	5646	333	5269	0	0	5775	6046	-1215	16079	0	16079	2247	18326	50.00
21	4981	57	235	5273	435	4836	0	0	5519	5518	-1161	14901	0	14901	2150	17051	49.97
22	4949	76	235	5260	584	4764	0	0	5182	5013	-1061	14560	0	14560	1998	16558	50.02
23	4949	137	223	5309	655	4638	0	0	5032	4865	-999	14468	0	14468	1878	16346	49.98
24	4884	147	235	5266	656	4374	0	0	4947	4989	-924	14361	0	14361	1738	16099	50.04
MUs	129.09	5.01	5.55	139.65	8.28	123.04	0.00	6.66	144.53	142.12	-22.35	397.40	0.00	397.40	45.97	443.38	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 01/Feb/2020

Position as on 6.30 Hrs of 02/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	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.	
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)	
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	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 A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	
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	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Feb/2020

Position as on 6.30 Hrs of 02/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage	
MSPGCL	Koyna Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	
MSPGCL	Koyna Unit 4	70	02/02/2020	08.30		Continued.	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 02/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 II	InterState	31/01/2020	19.07	01/02/2020	06.13	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/02/2020	18.12	02/02/2020	07.20	HT	Over Voltage
Karad Solapur (PG)	InterState	02/02/2020	10.37	02/02/2020	15.48	PO	Conversion From SSN To DSN At LOC No 455 & 434.
Dhule Sar'Sarovar II	InterState	02/02/2020	18.51		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/01/2020	18.02	01/02/2020	06.10	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/02/2020	17.57	02/02/2020	07.13	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	02/02/2020	11.10	02/02/2020	18.26	PO	String Replacement At LOC 206 CP.
Khadka-Aurangabad (Waluj)	IntraState	02/02/2020	17.37		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	01/02/2020	11.15	02/02/2020	07.01	PO	Fixing Of WTI & OTI Capillary Tubes & Renovation Of Cooling System.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	02/02/2020	12.58		Continued.	PO	Attending Problem of Scada, 220kv R-Ph CT minor Oil Leakage.
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)
WARDHA WARDHA (PG) (DEOLI)	InterState	01/02/2020	08.44	01/02/2020	19.12	PO	Conductor Replacement On New Towers.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kalwa-TIFIL	IntraState	27/12/2019	18.40	01/02/2020	12.18	PO	normalizing the Direct Circuit.
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44	01/02/2020	08.18	HT	At Mahape End For New Configuration.
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.
Padgha-Temghar-II	IntraState	31/01/2020	10.36	01/02/2020	05.07	PO	Load Management Purpose For Bus Outages At Padgha.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	01/02/2020	07.15	01/02/2020	18.48	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	01/02/2020	08.50	01/02/2020	12.48	PO	Normalization Of The Tfipl Tap.
Wardha-Dhamangaon	IntraState	01/02/2020	09.36	01/02/2020	16.26	PO	Shifting and charging of 220KV Wardha PGCIL DC from ERS to inclined at location no 15-17A.
Peth- Mudshingi -I	IntraState	01/02/2020	09.37	01/02/2020	18.50	PO	For Stringing Of New Earth Wire.
Apta - Kalwa1	IntraState	02/02/2020	07.00	02/02/2020	18.02	PO	For Kalwa 220kv Creak-Side Bus Outage.
Kalwa1 - Taloja	IntraState	02/02/2020	07.59	02/02/2020	16.03	PO	For Kalwa 220kv Creak-Side Bus Outage.
Nandedcity-Parvati	IntraState	02/02/2020	08.25	02/02/2020	19.03	HT	Load Management Due To Outage On 400kv Jejuri Koyna 4 Line.
JEJURI (400 Kv) - GIS KONDHWA	IntraState	02/02/2020	09.40	02/02/2020	18.57	HT	Load Management Due To Outage On 400kv Jejuri Koyna 4 Line.
Chinchwad-Hinjewadi I	IntraState	02/02/2020	09.50	02/02/2020	19.02	T	Facilitationg 400kv Jejuri Stage-4 Line Outage Reducing Load On Jejuri ICT's.
Satana-Gangapur	IntraState	02/02/2020	10.28	02/02/2020	20.18	T	Distance Protection
Trombay MSETCL Tie 2	IntraState	02/02/2020	10.45	02/02/2020	17.13	PO	Bus Section-1 Outage.
Kalwa1 - Taloja	IntraState	02/02/2020	16.24	02/02/2020	17.54	PO	Remaining Testing Work of Bus.

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 01/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 02/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	01/02/2020	08.48	01/02/2020	10.39	PO	ICT 2 outage for bay maintenance work.
220/100 Kv 100 MVA ICT II @Vasai- li	IntraState	01/02/2020	09.58	01/02/2020	18.25	PO	Own circuit breaker overhauling.
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	01/02/2020	10.23	01/02/2020	18.57	PO	Maintenance Of Nitrogen Injection Fire System Of ICT-3 by the Agency,Diagnostic Test & Other Work.
220/132 KV 100MVA ICT-I @ Partur	IntraState	01/02/2020	11.15	01/02/2020	18.15	PO	Tan Delta Measurement of ICT 1 bushing, winding & CT.
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	01/02/2020	11.16	01/02/2020	12.40	PO	Bay maintenance and testing work.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	02/02/2020	07.34	02/02/2020	17.46	PO	For Kalwa 220kv Creak-Side Bus Outage.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	02/02/2020	07.43	02/02/2020	15.54	PO	For Kalwa 220kv Creak-Side Bus Outage.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	02/02/2020	16.23	02/02/2020	17.58	PO	Remainig Testing Work of Bus.

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