

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Feb/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.853	1317.155	1) Gujrat	4.040	51.710
2) Hydro	9.894	79.715	2) Madhya Pradesh	12.321	124.595
3) Gas	10.118	72.536	3) Chattisgarh	4.760	47.400
Total MSPGCL	146.865	1469.406	4) Maharashtra	112.663	1144.962
B) 1) APML	70.312	703.541	5) Goa (Amona)	-0.352	-4.664
2) JSWEL	23.370	227.547	Total	133.432	1364.003
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.445	194.349
4) RPL(AMT)	11.197	162.808	b) Mumbai Drawl	21.736	223.764
5) WPCL	3.721	7.653	c) MSEDCL Bilateral *	23.947	277.721
6) Other IPP	16.647	159.281	Include PX	-0.321	21.643
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.445	194.349
C) 1) TPCL Thermal	14.365	129.694	Include PX	5.533	54.327
2) TPCL Hydro	4.923	41.026	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.467	75.095	1) MSEDCL	405.592	4044.808
D) STATE			2) Mumbai Discoms	51.492	472.239
1) Thermal	276.932	2782.774	TOTAL STATE	457.084	4517.047
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.817	120.741			
3) Gas (A3+B7+C3)	10.118	75.195			
4) Wind	16.899	113.225			
6) SOLAR	4.885	61.108			
TOTAL STATE	323.651	3153.043			

* 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	5553	5519	5649	4792
MSPGCL Hydro	740	826	244	120
MSPGCL Gas	411	420	424	431
MSPGCL Total Generation	6704	6765	6317	5343
Central Sector Receipt	7239	7149	5506	3575
WIND	667	641	303	1158
CPP / IPP Thermal	5727	5684	5652	4128
CPP / IPP Gas	0	0	0	0
SOLAR	693	725	2	0
Exchange with Mumbai	-1224	-1103	-1087	-534
MSEDCL DEMAND MET	19806	19861	16693	13670
Load Shedding	0	0	0	0
MSEDCL DEMAND	19806	19861	16693	13670
TPCL GENERATION	1006	1056	981	496
AEML GENERATION	501	500	445	373
MUMBAI DEMAND	2731	2659	2513	1403
STATE DEMAND MET	22537	22520	19206	15073
STATE DEMAND	22537	22520	19206	15073
Frequency (Hz)	50.04	50.03	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 06.01 Hrs	49.79 Hz at 10.10 Hrs	50.02	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 10/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	9.24	102.34	434	303
Unit 9	11.74	111.87	565	434
Unit 10	10.10	111.48	474	369
Total	31.08	325.69		
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	5.20	49.39	250	195
Unit 7	5.36	51.86	249	191
Unit 8	5.37	39.44	250	188
Total	15.93	140.69		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	39.93	175	150
Unit 5	0.00	0.00	0	0
Unit 6	10.16	101.96	480	359
Unit 7	10.01	98.73	470	360
Unit 8	10.30	105.02	475	360
Unit 9	9.75	102.60	448	360
Total	44.19	448.24		
Paras				
Unit 3	5.02	49.52	230	190
Unit 4	0.00	41.64	0	0
Total	5.02	91.17		
Khaparkheda				
Unit 1	3.96	40.42	190	150
Unit 2	4.25	41.72	195	160
Unit 3	4.36	43.36	200	158
Unit 4	4.27	42.36	195	160
Unit 5	9.46	102.71	430	360
Total	26.29	270.56		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	4.34	28.58	205	152
Unit 5	0.00	0.00	0	0
Total	4.34	40.80		
Uran				
All Units	10.12	72.54	440	405
Total	10.12	72.54		
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)	0.13	3.62	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	3.62		
Koyna				
Stage 1-2	3.74	24.46	470	40
Stage 4	1.36	18.41	250	0
Stage 3	1.47	9.87	160	0
Total	6.57	52.74		
Hydro				
KDPH	0.21	2.99	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.32	4.46	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.61	80	0
RNGR+BHTSA	0.34	3.27	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	2.47	15	14
SMLHY_PTN	0.56	5.47	32	20
GHATGHAR	1.42	6.71	250	0
Total	3.32	26.97		
Wind				
Total	16.90	113.22	0	0
Total	16.90	113.22		
CPP				
APML(Mus)	70.31	703.54	0	0
JSWEL(Mus)	23.37	227.55	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	11.20	162.81	0	0
WPCL(Mus)	3.72	7.65	0	0
Other(Mus)	16.65	159.28	0	0
Total	125.25	1260.83		
SOLAR				
Total	4.88	61.11	0	0
Total	4.88	61.11		
Tata				
Trombay 5	9.41	83.52	476	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.50	0	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	4.96	46.17	242	173
TATA Hydro	4.92	41.03	363	7
Total	19.29	173.38		
AEML				
DTPS U-1&2	10.47	75.10	504	372
Total	10.47	75.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.85	1317.16	MSPGCL Total	146.86	1469.41
			MSPGCL Thml+Gas	136.97	1389.69	Koyna 1,2 & 4 Total	5.10	42.88
			MSPGCL Hydro	9.89	79.72	State Total	323.65	3153.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4739	115	433	5287	1224	4136	0	0	4106	4000	-659	13988	0	13988	1569	15557	50.04
2	4798	110	430	5338	1169	4123	0	0	3841	3623	-575	13678	0	13678	1462	15140	50.01
3	4792	120	431	5343	1158	4128	0	0	3469	3575	-534	13670	0	13670	1403	15073	50.01
4	4780	120	422	5322	1050	4136	0	0	3565	3708	-511	13705	0	13705	1379	15084	50.03
5	4805	114	429	5348	1002	4259	0	0	4635	4308	-519	14398	0	14398	1391	15789	50.04
6	5088	189	440	5717	909	4693	0	0	5162	5193	-628	15884	0	15884	1529	17413	49.97
7	5593	491	419	6503	799	5285	0	6	5518	5536	-700	17429	0	17429	1736	19165	49.98
8	5573	614	429	6616	711	5635	0	48	5837	6017	-584	18443	0	18443	1946	20389	50.02
9	5498	1072	429	6999	641	5762	0	212	5981	6216	-728	19102	0	19102	2239	21341	50.03
10	5465	949	427	6841	768	5775	0	401	6428	6665	-925	19525	0	19525	2483	22008	50.03
11	5570	869	415	6854	805	5759	0	561	6762	6726	-1073	19632	0	19632	2637	22269	50.04
12	5553	740	411	6704	667	5727	0	693	7095	7239	-1224	19806	0	19806	2731	22537	50.04
13	5519	826	420	6765	641	5684	0	725	6770	7149	-1103	19861	0	19861	2659	22520	50.03
14	5537	502	406	6445	419	5734	0	724	6756	6452	-1018	18756	0	18756	2538	21294	49.99
15	5474	705	406	6585	308	5766	0	621	6968	7051	-1023	19308	0	19308	2560	21868	49.98
16	5574	640	405	6619	274	5790	0	478	6910	6952	-1012	19101	0	19101	2581	21682	50.01
17	5643	560	417	6620	229	5794	0	316	6379	6175	-1006	18128	0	18128	2584	20712	50.02
18	5664	380	412	6456	208	5823	0	98	5759	5584	-969	17200	0	17200	2545	19745	50.03
19	5649	244	424	6317	303	5652	0	2	5532	5506	-1087	16693	0	16693	2513	19206	50.03
20	5527	163	416	6106	455	5590	0	0	5695	5502	-1297	16356	0	16356	2453	18809	50.05
21	5200	89	425	5714	600	5288	0	0	5420	5173	-1267	15508	0	15508	2374	17882	50.07
22	5060	99	415	5574	755	4906	0	0	5384	5345	-1205	15375	0	15375	2222	17597	49.99
23	4943	89	427	5459	809	4902	0	0	5278	5097	-1110	15157	0	15157	2059	17216	49.99
24	4809	94	430	5333	995	4900	0	0	5193	4640	-979	14889	0	14889	1898	16787	50.05
MUs	126.85	9.89	10.12	146.86	16.90	125.25	0.00	4.88	134.44	133.43	-21.74	405.59	0.00	405.59	51.49	457.08	50.02

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 10/Feb/2020

Position as on 6.30 Hrs of 11/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	10/02/2020	06.00	Annual Overhaul	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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	
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-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
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	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	08/02/2020	21.29		Continued.	Due to hydrogen leakage.	
IPP	RPL(AMT) U-2	270	09/02/2020	00.30		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Uran Unit 8	108	09/02/2020	03.54		Continued.	Changeover.	
IPP	SWPGL U-2	135	10/02/2020	11.51	10/02/2020	12.40	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 11/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	09/02/2020	18.39	10/02/2020	06.12	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/02/2020	17.50	10/02/2020	10.45	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/02/2020	08.32	10/02/2020	10.53	EO	Emergency Rectification Work On Loc No 168(Out of 4 Nos,2 Jumper Conductors Foud Broken Near Jumper Cone) Phase To Phase Clearance Lowered.(RFC 20.36Hrs)
Lonikand I - Koyna stage-IV	IntraState	10/02/2020	01.47	10/02/2020	10.14	HT	Over Voltage
Chandrapur - Parli	IntraState	10/02/2020	12.31	10/02/2020	15.31	PO	Filtration of 400KV, 50MVAR line reactor of CHD-3 line at Girwali.
Dhule - Ssnnl I	IntraState	10/02/2020	13.08		Continued.	PO	Earth wire replacement work disc insulator replacement by long rod.
Bhusawal-Aurangabad	IntraState	10/02/2020	18.16		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 Kv 500 MVA ICT-III @Kalwa	IntraState	11/02/2020	05.40		Continued.	PO	Painting 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)
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.
Chandrapur GCR - Sicom I	IntraState	06/02/2020	10.13		Continued.	PO	TO Carry Out The Work of Replacement of Deteriorated RCC Structure of CT. CC.
Ekalahara(Ocr)(Nashik)-Navasari II	IntraState	10/02/2020	09.17	10/02/2020	18.58	PO	Replacement of old disk insulator by porcelain long rod
Kandalgaon - Koyna (Pophali)	IntraState	10/02/2020	09.50	10/02/2020	16.35	PO	Insulator string replacement.
Ongc Uran - Jnpt	IntraState	10/02/2020	10.58	10/02/2020	18.19	PO	Busbar CT connection work and relay testing work at JNPT end.
Balapur-Malegaon	IntraState	10/02/2020	11.40	10/02/2020	14.04	PO	Tan Delta and replay testing work.
Versova Gorai Line	IntraState	10/02/2020	21.55	11/02/2020	06.00	EO	Hot spot.
220 KV ICT Outages/Trippings							
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	10/02/2020	11.30	10/02/2020	18.15	PO	Diagnostic testing and oil leakage attending work.

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