

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.118	2427.476	1) Gujrat	2.500	75.669
2) Hydro	10.538	178.624	2) Madhya Pradesh	12.740	229.768
3) Gas	9.972	148.486	3) Chattisgarh	3.930	83.950
Total MSPGCL	175.628	2754.586	4) Maharashtra	127.439	2173.578
B) 1) APML	74.475	1300.850	5) Goa (Amona)	-0.330	-9.086
2) JSWEL	23.354	419.288	Total	146.279	2553.879
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.083	365.924
4) RPL(AMT)	5.729	182.019	b) Mumbai Drawl	29.149	429.155
5) WPCL	5.195	48.165	c) MSEDCL Bilateral *	23.508	518.210
6) Other IPP	16.017	289.110	Include PX	3.563	63.814
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.083	365.924
C) 1) TPCL Thermal	14.617	246.348	Include PX	11.182	126.010
2) TPCL Hydro	4.549	76.481	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.582	159.350	1) MSEDCL	434.926	7415.593
D) STATE			2) Mumbai Discoms	58.897	913.993
1) Thermal	305.087	5072.606	TOTAL STATE	493.823	8329.586
(A1+C1+C4+(B1-B6))					
2) Hydro	15.087	255.105			
(A2+C2)					
3) Gas	9.972	151.145			
(A3+B7+C3)					
4) Wind	9.790	180.272			
6) SOLAR	7.608	116.579			
TOTAL STATE	347.544	5775.707			

* 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 4 Hrs
MSPGCL Thermal	6703	6684	6484	5676
MSPGCL Hydro	724	653	197	103
MSPGCL Gas	413	397	410	418
MSPGCL Total Generation	7840	7734	7091	6197
Central Sector Receipt	7724	7833	5939	5149
WIND	320	242	232	746
CPP / IPP Thermal	5458	5440	5295	4324
CPP / IPP Gas	0	0	0	0
SOLAR	1043	1075	0	0
Exchange with Mumbai	-1388	-1457	-1484	-844
MSEDCL DEMAND MET	20997	20867	17073	15572
Load Shedding	0	0	0	0
MSEDCL DEMAND	20997	20867	17073	15572
TPCL GENERATION	1144	1021	883	497
AEML GENERATION	502	501	377	375
MUMBAI DEMAND	3034	2979	2744	1716
STATE DEMAND MET	24031	23846	19817	17288
STATE DEMAND	24031	23846	19817	17288
Frequency (Hz)	50.02	49.98	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.02 Hrs	49.73 Hz at 05.12 Hrs	49.98	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 18/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	9.22	180.73	445	290
Unit 9	10.00	194.51	520	330
Unit 10	10.44	161.91	496	395
Total	29.66	537.15		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.30	65.50	490	355
Unit 5	10.18	62.85	490	350
Total	20.48	128.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.95	89.79	235	190
Unit 7	5.30	65.54	248	187
Unit 8	4.92	82.37	241	0
Total	15.17	237.70		
Chandrapur				
Unit 3	4.11	16.48	188	163
Unit 4	3.65	70.88	175	100
Unit 5	0.00	0.00	0	0
Unit 6	8.88	183.45	470	0
Unit 7	9.17	167.75	405	360
Unit 8	10.92	192.99	500	370
Unit 9	10.64	189.60	480	365
Total	47.36	821.15		
Paras				
Unit 3	4.37	91.18	245	125
Unit 4	5.97	54.89	257	201
Total	10.34	146.07		
Khaparkheda				
Unit 1	3.86	72.52	175	150
Unit 2	4.22	70.01	190	160
Unit 3	4.32	79.26	200	150
Unit 4	4.48	77.22	195	160
Unit 5	11.11	185.94	500	370
Total	28.00	484.96		
Nasik				
Unit 3	0.00	25.27	0	0
Unit 4	4.10	46.84	192	150
Unit 5	0.00	0.00	0	0
Total	4.10	72.11		
Uran				
All Units	9.97	148.49	441	387
Total	9.97	148.49		
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	5.02	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	5.02		
Koyna				
Stage 1-2	4.46	51.10	575	40
Stage 4	1.93	54.42	500	0
Stage 3	1.65	23.14	160	0
Total	8.04	128.66		
Hydro				
KDPH	0.44	6.57	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.54	7.98	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.23	3.40	80	0
RNGR+BHTSA	0.36	6.08	15	14
BHANDARDRA	0.45	0.70	27	14
ELDARY	0.00	4.93	0	0
SMLHY_PTN	0.48	9.28	30	17
GHATGHAR	0.00	10.93	0	0
Total	2.49	49.97		
Wind				
Total	9.79	180.27	0	0
Total	9.79	180.27		
CPP				
APML(Mus)	74.48	1300.85	0	0
JSWEL(Mus)	23.35	419.29	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.73	182.02	0	0
WPCL(Mus)	5.20	48.16	0	0
Other(Mus)	16.02	289.11	0	0
Total	124.77	2239.43		
SOLAR				
Total	7.61	116.58	0	0
Total	7.61	116.58		
Tata				
Trombay 5	9.60	159.98	477	315
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	5.02	86.37	242	173
TATA Hydro	4.55	76.48	432	2
Total	19.17	325.49		
AEML				
DTPS U-1&2	10.58	159.35	502	372
Total	10.58	159.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.12	2427.48	MSPGCL Total	175.63	2754.59
			MSPGCL Thml+Gas	165.09	2575.96	Koyna 1,2 & 4 Total	6.39	105.52
			MSPGCL Hydro	10.54	178.62	State Total	347.54	5775.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6098	113	418	6629	669	4898	0	0	5424	4858	-1139	15915	0	15915	2010	17925	49.96
2	5854	103	427	6384	751	4586	0	0	5287	5081	-990	15812	0	15812	1859	17671	49.93
3	5694	113	440	6247	833	4466	0	0	5181	5082	-899	15729	0	15729	1771	17500	49.96
4	5676	103	418	6197	746	4324	0	0	5096	5149	-844	15572	0	15572	1716	17288	49.99
5	5993	418	441	6852	713	4547	0	0	5095	5268	-839	16541	0	16541	1708	18249	49.99
6	6583	128	432	7143	730	5020	0	0	5658	5459	-851	17501	0	17501	1829	19330	49.94
7	6937	489	418	7844	853	5261	0	3	5972	5819	-778	19002	0	19002	2022	21024	49.97
8	7006	981	426	8413	693	5518	0	104	5793	5685	-844	19569	0	19569	2193	21762	49.93
9	6893	736	425	8054	486	5560	0	416	5919	6043	-1036	19523	0	19523	2479	22002	50.01
10	6856	636	408	7900	521	5499	0	706	6377	6555	-1189	19992	0	19992	2762	22754	50.03
11	6764	659	404	7827	509	5455	0	908	6965	7222	-1320	20601	0	20601	2942	23543	50.00
12	6703	724	413	7840	320	5458	0	1043	7659	7724	-1388	20997	0	20997	3034	24031	50.02
13	6684	653	397	7734	242	5440	0	1075	7763	7833	-1457	20867	0	20867	2979	23846	49.98
14	6767	440	394	7601	208	5468	0	1022	7331	7729	-1407	20621	0	20621	2863	23484	50.03
15	6724	582	387	7693	186	5467	0	938	7443	7594	-1442	20436	0	20436	2911	23347	50.01
16	6637	900	396	7933	166	5449	0	745	7228	7295	-1458	20130	0	20130	2932	23062	49.95
17	6506	843	400	7749	146	5475	0	479	6649	6799	-1438	19210	0	19210	2919	22129	49.97
18	6316	800	414	7530	156	5454	0	164	6188	5965	-1421	17848	0	17848	2865	20713	50.02
19	6369	218	407	6994	201	5366	0	5	5813	5606	-1423	16749	0	16749	2788	19537	49.97
20	6484	197	410	7091	232	5295	0	0	5983	5939	-1484	17073	0	17073	2744	19817	50.00
21	6441	144	431	7016	165	5244	0	0	5477	5113	-1412	16126	0	16126	2585	18711	49.99
22	6410	124	415	6949	88	5058	0	0	5300	5609	-1302	16402	0	16402	2432	18834	49.97
23	6384	107	415	6906	80	5222	0	0	5517	5660	-1432	16436	0	16436	2323	18759	49.97
24	6339	327	436	7102	96	5240	0	0	5422	5192	-1356	16274	0	16274	2231	18505	49.99
MUs	155.12	10.54	9.97	175.63	9.79	124.77	0.00	7.61	146.54	146.28	-29.15	434.93	0.00	434.93	58.90	493.82	49.98

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 18/Feb/2020

Position as on 6.30 Hrs of 19/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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)	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	16/02/2020	22:52		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Chandrapur Unit 6	500	18/02/2020	16.22	18/02/2020	18.46	Gen. prot. operated.	
MSPGCL	Parli Unit 8	250	18/02/2020	22.41	19/02/2020	01.43	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	18/02/2020	08.15	18/02/2020	09.58	EO	Red hot spot@ jumper of pole-2 base filter.
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	13/02/2020	12.08		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Dhule Sar'Sarovar II	InterState	13/02/2020	16.32		Continued.	T	Distance Protection(Tower Collapsed Loc.No. 297)
Chandrapur Bhadravati II	InterState	18/02/2020	11.59		Continued.	PO	Y and B phase CT Replacement work
Khadka-Aurangabad (Waluj)	IntraState	17/02/2020	20.06	18/02/2020	07.20	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	18/02/2020	07.54	18/02/2020	15.48	EO	To attend SF6 Gas Leakage
Girwali - Lonikand 1	IntraState	18/02/2020	12.36	18/02/2020	17.18	EO	Replacment Of IPS Tube Of Tie Bay 412
Bhusawal-Aurangabad	IntraState	18/02/2020	18.08		Continued.	HT	Over Voltage
Akola - Bhusawal	IntraState	18/02/2020	19.00		Continued.	PO	Restraining Of Conductor Of All Three phase Of 400kv Akola-Bhusawal Line Due To Conversion Of Metergauge To Broadgauge Of Akot-Akola.
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 II @Lamboti	IntraState	18/02/2020	10.02	18/02/2020	14.35	PO	Isolator Replacement.
400/220KV 500MVA ICT1@koradi 2	IntraState	18/02/2020	11.30	18/02/2020	14.30	PO	Tan delta measurement 220kv line ct of 501mva, 400/220/33kv ict-I
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)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Talandge-Mudshingi Ckt-I	IntraState	17/02/2020	08.55	18/02/2020	17:14	PO	Erection & cut point at LOC no.2 & 3 of Bapat camp- Mudshingi line near Mudshingi S/Stn.
Talandge(400)- Mudshingi 2 Line	IntraState	17/02/2020	08.56	18/02/2020	17:15	PO	Erection & cut point at LOC no.2 & 3 of Bapat camp- Mudshingi line near Mudshingi S/Stn.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Nanded-Ghatodi	IntraState	18/02/2020	08.21	18/02/2020	18.51	PO	Routine Maintenance Work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	18/02/2020	09.04	18/02/2020	18.35	PO	Replacement Of Old Disc Insulator By Porclean Long Rod.
Pedambe-Pophali	IntraState	18/02/2020	11.00	18/02/2020	14.25	EO	To Attend CT Oil Leakage.
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	18/02/2020	11.01	18/02/2020	15.48	PO	Diagnostic testing of circuit breaker.
Kharghar-Borivali ckt I	IntraState	18/02/2020	12.54	18/02/2020	16.50	PO	For R & M And Diagnostic Testing Work.
Babhaleshwar - Degaon Rangari	IntraState	18/02/2020	13.21	18/02/2020	17.22	T	Distance Protection

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 18/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Phulambri-Bhokardan	IntraState	18/02/2020	14.25	18/02/2020	18.50	PO	Tan Delta Measurement work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	18/02/2020	11.14	18/02/2020	14.06	PO	Attending Oil Leakage