

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Feb/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.709	2121.122	1) Gujrat	2.104	70.614
2) Hydro	6.551	159.769	2) Madhya Pradesh	13.007	204.293
3) Gas	9.613	128.599	3) Chattisgarh	4.330	75.990
Total MSPGCL	151.873	2409.490	4) Maharashtra	129.413	1919.043
B) 1) APML	75.593	1152.332	5) Goa (Amona)	-0.308	-8.316
2) JSWEL	23.329	371.888	Total	148.546	2261.624
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.622	322.861
4) RPL(AMT)	0.000	171.950	b) Mumbai Drawl	21.039	372.050
5) WPCL	5.042	37.924	c) MSEDCL Bilateral *	34.158	465.571
6) Other IPP	16.110	257.322	Include PX	8.169	56.860
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.622	322.861
C) 1) TPCL Thermal	14.060	217.442	Include PX	7.227	105.466
2) TPCL Hydro	1.601	67.305	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.267	138.282	1) MSEDCL	414.216	6553.347
D) STATE			2) Mumbai Discoms	46.967	797.738
1) Thermal	280.110	4468.262	TOTAL STATE	461.183	7351.085
(A1+C1+C4+(B1-B6))					
2) Hydro	8.152	227.074			
(A2+C2)					
3) Gas	9.613	131.258			
(A3+B7+C3)					
4) Wind	7.511	161.174			
6) SOLAR	7.251	101.693			
TOTAL STATE	312.637	5089.461			

* 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	5606	5608	5633	5567
MSPGCL Hydro	472	353	173	109
MSPGCL Gas	400	386	414	411
MSPGCL Total Generation	6478	6347	6220	6087
Central Sector Receipt	7649	7500	5668	5196
WIND	502	377	193	204
CPP / IPP Thermal	5156	5133	5097	4901
CPP / IPP Gas	0	0	0	0
SOLAR	986	1021	18	0
Exchange with Mumbai	-908	-864	-1077	-799
MSEDCL DEMAND MET	19863	19514	16119	15589
Load Shedding	0	0	0	0
MSEDCL DEMAND	19863	19514	16119	15589
TPCL GENERATION	780	803	643	489
AEML GENERATION	500	501	373	373
MUMBAI DEMAND	2188	2168	2093	1661
STATE DEMAND MET	22051	21682	18212	17250
STATE DEMAND	22051	21682	18212	17250
Frequency (Hz)	49.98	49.97	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18.01 Hrs	49.75 Hz at 22.09 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 16/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	10.23	163.44	488	330
Unit 9	10.25	175.88	550	301
Unit 10	0.15	142.30	120	0
Total	20.63	481.62		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.12	44.94	500	360
Unit 5	9.94	42.47	500	350
Total	20.06	87.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.10	79.64	250	187
Unit 7	0.00	56.43	0	0
Unit 8	5.05	71.96	244	187
Total	10.15	208.03		
Chandrapur				
Unit 3	3.52	8.64	159	130
Unit 4	3.84	63.26	170	130
Unit 5	0.00	0.00	0	0
Unit 6	10.51	164.44	472	356
Unit 7	5.84	149.80	393	0
Unit 8	11.46	171.33	490	460
Unit 9	11.14	167.89	490	440
Total	46.32	725.36		
Paras				
Unit 3	5.65	82.31	245	222
Unit 4	1.39	43.04	222	0
Total	7.04	125.34		
Khaparkheda				
Unit 1	4.16	64.70	180	160
Unit 2	4.14	61.58	180	160
Unit 3	4.49	70.37	195	158
Unit 4	4.30	68.40	190	163
Unit 5	10.26	164.41	450	400
Total	27.35	429.46		
Nasik				
Unit 3	3.88	25.27	195	137
Unit 4	0.28	38.62	125	0
Unit 5	0.00	0.00	0	0
Total	4.16	63.89		
Uran				
All Units	9.61	128.60	425	301
Total	9.61	128.60		
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)	0.11	4.73	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	4.73		
Koyna				
Stage 1-2	2.36	44.16	280	40
Stage 4	1.23	50.62	500	0
Stage 3	0.60	20.38	80	0
Total	4.20	115.17		
Hydro				
KDPH	0.44	5.69	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.18	6.96	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.10	3.09	63	0
RNGR+BHTSA	0.36	5.37	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.36	4.58	15	14
SMLHY_PTN	0.51	8.26	31	18
GHATGHAR	0.41	10.57	125	0
Total	2.35	44.60		
Wind				
Total	7.51	161.17	0	0
Total	7.51	161.17		
CPP				
APML(Mus)	75.59	1152.33	0	0
JSWEL(Mus)	23.33	371.89	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	171.95	0	0
WPCL(Mus)	5.04	37.92	0	0
Other(Mus)	16.11	257.32	0	0
Total	120.07	1991.42		
SOLAR				
Total	7.25	101.69	0	0
Total	7.25	101.69		
Tata				
Trombay 5	9.24	141.07	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	4.82	76.37	243	173
TATA Hydro	1.60	67.30	219	0
Total	15.66	287.41		
AEML				
DTPS U-1&2	10.27	138.28	503	372
Total	10.27	138.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.71	2121.12	MSPGCL Total	151.87	2409.49
			MSPGCL Thml+Gas	145.32	2249.72	Koyna 1,2 & 4 Total	3.60	94.78
			MSPGCL Hydro	6.55	159.77	State Total	312.64	5089.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5678	110	411	6199	93	4859	0	0	5696	5624	-974	15801	0	15801	1835	17636	50.00
2	5667	105	422	6194	169	4875	0	0	5639	5331	-870	15699	0	15699	1734	17433	50.04
3	5567	109	411	6087	204	4901	0	0	5504	5196	-799	15589	0	15589	1661	17250	50.03
4	5455	121	423	5999	231	4784	0	0	5440	5396	-738	15672	0	15672	1602	17274	50.02
5	5441	106	405	5952	342	4872	0	0	5602	5482	-732	15916	0	15916	1594	17510	50.00
6	5573	120	425	6118	428	4941	0	0	6047	6106	-773	16820	0	16820	1661	18481	49.97
7	5666	437	415	6518	482	5010	0	9	6372	6377	-508	17888	0	17888	1731	19619	49.99
8	5689	1020	425	7134	483	5282	0	102	6111	5966	-536	18431	0	18431	1785	20216	49.96
9	5735	617	423	6775	436	5322	0	355	6312	6335	-633	18590	0	18590	1904	20494	50.03
10	5780	452	397	6629	519	5316	0	699	6696	6908	-712	19359	0	19359	2028	21387	50.01
11	5610	462	413	6485	578	5109	0	882	7277	7420	-945	19529	0	19529	2128	21657	50.00
12	5606	472	400	6478	502	5156	0	986	7770	7649	-908	19863	0	19863	2188	22051	49.98
13	5608	353	386	6347	377	5133	0	1021	7678	7500	-864	19514	0	19514	2168	21682	49.97
14	5729	197	405	6331	294	5122	0	982	7462	7457	-836	19350	0	19350	2112	21462	50.05
15	5889	118	385	6392	217	5168	0	904	7504	7474	-791	19364	0	19364	2072	21436	50.05
16	5939	113	396	6448	163	5144	0	719	7310	7102	-770	18806	0	18806	2047	20853	49.98
17	5846	188	407	6441	111	5106	0	424	6568	6672	-880	17874	0	17874	2024	19898	49.96
18	5639	398	389	6426	111	5079	0	150	5643	5779	-1032	16513	0	16513	2020	18533	50.03
19	5633	173	414	6220	193	5097	0	18	5495	5668	-1077	16119	0	16119	2093	18212	50.03
20	5633	243	405	6281	252	5074	0	0	5313	5405	-1124	15888	0	15888	2202	18090	50.02
21	5536	123	416	6075	341	4880	0	0	5235	5247	-1098	15445	0	15445	2180	17625	50.02
22	5606	108	395	6109	357	4624	0	0	5239	5087	-1108	15069	0	15069	2132	17201	50.04
23	5546	248	301	6095	311	4615	0	0	5411	5611	-1198	15434	0	15434	2071	17505	49.95
24	5638	158	344	6140	317	4605	0	0	5387	5754	-1133	15683	0	15683	1995	17678	49.98
MUs	135.71	6.55	9.61	151.87	7.51	120.07	0.00	7.25	148.71	148.55	-21.04	414.22	0.00	414.22	46.97	461.18	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 16/Feb/2020

Position as on 6.30 Hrs of 17/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	
MSPGCL	Paras Unit 4	250	08/02/2020	21.29	16/02/2020	14.12	Due to hydrogen leakage.	
IPP	RPL(AMT) U-2	270	09/02/2020	00.30	17/02/2020	03.55	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	Parli Unit 7	250	11/02/2020	20.00	17/02/2020	03.12	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 4	210	13/02/2020	06.20	16/02/2020	20.47	Drum level low	
MSPGCL	Koradi Unit 10	660	14/02/2020	06.18	16/02/2020	22.18	CHP Coal Bunkering problem	
MSPGCL	Uran Unit 5	108	15/02/2020	17.45	16/02/2020	22.43	A1 Boiler Validity Renewal	
MSPGCL	Chandrapur Unit 7	500	16/02/2020	06.02	16/02/2020	12.50	High Drum Level	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 16/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 17/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/Tripping							
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)
Khadka-Aurangabad (Waluj)	IntraState	15/02/2020	17.29	16/02/2020	08.35	HT	Over Voltage
Girwali - Lonikand 1	IntraState	16/02/2020	09.31	16/02/2020	10.02	PO	Filtration Of 400Kv.50MVAR Line Reactor Will Be Carried Out From 10.02.2019 to 11.02.2019. Line Will Be charged Without Reactor at Girwali End On Date.10.022019.
Bus B @ Chandrapur	IntraState	16/02/2020	11.25	16/02/2020	14.07	PO	Busbar Protection Required out Of Service For Spare ICT Bay Integration To Existing busbar System.
Solapur - Parli(PG) I	IntraState	16/02/2020	17.51	16/02/2020	19.12	HT	For taking in Line Reactor In Service.
Khadka-Aurangabad (Waluj)	IntraState	16/02/2020	20.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential protection,Declared faulty.
220 KV LINE Outages/Tripping							
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	16/02/2020	12.11	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Kadegaon-Miraj	IntraState	15/02/2020	12.50	16/02/2020	03.39	T	Distance Protection
Kalwa Salsette III	IntraState	16/02/2020	08.32	16/02/2020	11.10	T	For Trial Tripping Of New Breaker At kalwa End.
Badnera-Akola I	IntraState	16/02/2020	09.32	16/02/2020	16.11	PO	For Stringing Of Span From LOC.No.07-08(On Lower Cross Arms Of M/C Towers
Badnera-Akola II	IntraState	16/02/2020	09.33	16/02/2020	16.12	PO	For Stringing Of Span From LOC.No.07-08(On Lower Cross Arms Of M/C Towers
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & 220Kv Baramati Jejuri Cables Emanating from 220Kv Baramati ss.
Main Bus-I@Versova	IntraState	16/02/2020	09.48	16/02/2020	12.20	PO	installation Of adopter Module Between Old & New GIS Bus-1

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