

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.580	1851.121	1) Gujrat	1.680	66.934
2) Hydro	12.987	138.497	2) Madhya Pradesh	13.081	178.090
3) Gas	9.248	109.230	3) Chattisgarh	4.990	66.850
Total MSPGCL	157.815	2098.848	4) Maharashtra	135.251	1655.834
B) 1) APML	75.747	999.849	5) Goa (Amona)	-0.594	-7.568
2) JSWEL	23.921	324.101	Total	154.408	1960.140
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.933	280.414
4) RPL(AMT)	0.000	171.950	b) Mumbai Drawl	27.032	327.012
5) WPCL	5.044	27.841	c) MSEDCL Bilateral *	30.900	396.160
6) Other IPP	16.161	224.954	Include PX	5.830	39.519
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.933	280.414
C) 1) TPCL Thermal	14.522	188.194	Include PX	10.052	88.510
2) TPCL Hydro	5.203	62.389	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.483	117.117	1) MSEDCL	417.440	5718.056
D) STATE			2) Mumbai Discoms	57.240	697.371
1) Thermal	281.458	3905.127	TOTAL STATE	474.680	6415.427
(A1+C1+C4+(B1-B6))					
2) Hydro	18.190	200.886			
(A2+C2)					
3) Gas	9.248	111.889			
(A3+B7+C3)					
4) Wind	3.956	150.409			
6) SOLAR	7.420	86.976			
TOTAL STATE	320.272	4455.287			

* 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 4 Hrs
MSPGCL Thermal	5677	5728	5797	5507
MSPGCL Hydro	810	496	118	104
MSPGCL Gas	401	404	431	355
MSPGCL Total Generation	6888	6628	6346	5966
Central Sector Receipt	8002	7979	6073	4978
WIND	153	155	208	116
CPP / IPP Thermal	5207	5214	5101	4756
CPP / IPP Gas	0	0	0	0
SOLAR	1037	1048	1	0
Exchange with Mumbai	-1314	-1310	-1471	-798
MSEDCL DEMAND MET	19974	19714	16258	15018
Load Shedding	0	0	0	0
MSEDCL DEMAND	19974	19714	16258	15018
TPCL GENERATION	1147	1071	812	492
AEML GENERATION	499	499	380	372
MUMBAI DEMAND	2960	2880	2663	1662
STATE DEMAND MET	22934	22594	18922	16680
STATE DEMAND	22934	22594	18922	16680
Frequency (Hz)	50.03	49.97	49.97	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 10.02 Hrs	49.71 Hz at 06.13 Hrs	49.99	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 14/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	10.16	142.00	558	270
Unit 9	8.99	155.37	450	310
Unit 10	1.87	142.14	320	0
Total	21.02	439.52		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.52	24.24	500	355
Unit 5	9.59	23.25	450	350
Total	20.10	47.49		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.00	69.12	245	188
Unit 7	0.00	56.43	0	0
Unit 8	5.29	61.15	250	192
Total	10.29	186.70		
Chandrapur				
Unit 3	3.64	4.00	186	110
Unit 4	3.73	55.70	160	140
Unit 5	0.00	0.00	0	0
Unit 6	10.22	143.45	475	359
Unit 7	8.70	135.58	415	312
Unit 8	10.50	148.50	450	430
Unit 9	11.45	146.05	500	435
Total	48.24	633.28		
Paras				
Unit 3	5.43	72.01	250	120
Unit 4	0.00	41.64	0	0
Total	5.43	113.65		
Khaparkheda				
Unit 1	4.10	56.28	185	155
Unit 2	1.39	54.98	190	0
Unit 3	4.54	61.17	200	170
Unit 4	4.66	59.43	195	190
Unit 5	11.68	143.14	500	448
Total	26.38	374.99		
Nasik				
Unit 3	4.12	17.15	196	155
Unit 4	0.00	38.34	0	0
Unit 5	0.00	0.00	0	0
Total	4.12	55.49		
Uran				
All Units	9.25	109.23	443	342
Total	9.25	109.23		
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)	0.20	4.47	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	4.47		
Koyna				
Stage 1-2	3.48	38.72	560	20
Stage 4	5.32	42.58	1001	0
Stage 3	1.85	17.69	240	0
Total	10.64	98.99		
Hydro				
KDPH	0.44	4.80	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.40	6.30	60	0
BHTGR/VEER	0.00	0.09	0	0
BHIRA T.R.	0.33	2.72	80	0
RNGR+BHTSA	0.36	4.66	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	3.86	15	14
SMLHY_PTN	0.46	7.27	30	16
GHATGHAR	0.00	9.81	0	0
Total	2.34	39.51		
Wind				
Total	3.96	150.41	0	0
Total	3.96	150.41		
CPP				
APML(Mus)	75.75	999.85	0	0
JSWEL(Mus)	23.92	324.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	171.95	0	0
WPCL(Mus)	5.04	27.84	0	0
Other(Mus)	16.16	224.95	0	0
Total	120.87	1748.70		
SOLAR				
Total	7.42	86.98	0	0
Total	7.42	86.98		
Tata				
Trombay 5	9.52	121.85	480	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	5.01	66.35	243	174
TATA Hydro	5.20	62.39	431	4
Total	19.72	253.24		
AEML				
DTPS U-1&2	10.48	117.12	500	371
Total	10.48	117.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.58	1851.12	MSPGCL Total	157.82	2098.85
			MSPGCL Thml+Gas	144.83	1960.35	Koyna 1,2 & 4 Total	8.80	81.30
			MSPGCL Hydro	12.99	138.50	State Total	320.27	4455.29

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/Feb/2020

Annexure-2

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	5542	210	368	6120	140	4642	0	0	5541	5557	-1071	15388	0	15388	1945	17332	49.96
2	5396	212	343	5952	147	4666	0	0	5415	5335	-925	15174	0	15174	1799	16974	49.95
3	5485	116	346	5946	132	4749	0	0	5318	5048	-848	15028	0	15028	1715	16742	49.99
4	5507	104	355	5966	116	4756	0	0	5303	4978	-798	15018	0	15018	1662	16680	50.03
5	5590	216	355	6160	173	4792	0	0	5444	5625	-813	15938	0	15938	1677	17614	49.93
6	5852	412	346	6610	144	4934	0	0	5984	6240	-804	17124	0	17124	1794	18918	49.98
7	5715	1368	356	7440	172	4963	0	1	6467	6572	-711	18436	0	18436	1996	20432	49.92
8	5582	1866	346	7794	137	5246	0	90	6585	6935	-861	19342	0	19342	2193	21534	49.97
9	5488	1772	366	7626	106	5323	0	359	6775	6887	-1025	19276	0	19276	2480	21756	50.01
10	5669	1508	344	7522	133	5295	0	676	6904	7009	-1177	19458	0	19458	2760	22218	50.00
11	5665	1246	342	7254	244	5237	0	877	7326	7483	-1290	19804	0	19804	2932	22736	50.01
12	5677	810	401	6888	153	5207	0	1037	8164	8002	-1314	19974	0	19974	2960	22934	50.03
13	5728	496	404	6628	155	5214	0	1048	7921	7979	-1310	19714	0	19714	2880	22594	49.97
14	5701	388	392	6480	108	5222	0	1064	7732	7792	-1288	19378	0	19378	2792	22170	50.02
15	5844	286	402	6532	173	5197	0	920	7869	7850	-1275	19398	0	19398	2821	22218	50.01
16	5862	182	404	6448	102	5166	0	732	7751	7769	-1254	18962	0	18962	2830	21792	50.01
17	5867	428	405	6700	130	5222	0	469	6694	6689	-1244	17966	0	17966	2820	20786	49.96
18	5859	128	411	6398	145	5171	0	146	6200	6305	-1181	16984	0	16984	2736	19720	50.02
19	5797	118	431	6346	208	5101	0	1	5912	6073	-1471	16258	0	16258	2663	18922	49.97
20	5876	324	414	6614	289	5092	0	0	5927	5666	-1488	16172	0	16172	2643	18816	50.02
21	5605	128	427	6160	318	5060	0	0	5513	5520	-1346	15712	0	15712	2484	18196	50.01
22	5386	184	417	5988	243	4943	0	0	5559	5679	-1239	15614	0	15614	2336	17950	50.02
23	5423	184	430	6036	174	4791	0	0	5558	5773	-1195	15580	0	15580	2211	17790	49.98
24	5464	300	443	6206	114	4884	0	0	5395	5642	-1104	15742	0	15742	2111	17854	49.98
MUs	135.58	12.99	9.25	157.81	3.96	120.87	0.00	7.42	153.26	154.41	-27.03	417.44	0.00	417.44	57.24	474.68	49.99

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 14/Feb/2020

Position as on 6.30 Hrs of 15/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		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	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		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 4	210	13/02/2020	06.20		Continued.	Drum level low	
MSPGCL	Koradi Unit 10	660	14/02/2020	06.18		Continued.	CHP Coal Bunkering problem	
MSPGCL	Khaparkheda Unit 2	210	14/02/2020	07.30		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 5	80	14/02/2020	09.20	14/02/2020	20.40	220KV Main Bus-II outage at Pophali	
MSPGCL	Koyna Unit 6	80	14/02/2020	09.25	14/02/2020	20.30	220KV Main Bus-II outage at Pophali	
MSPGCL	Koyna Unit 7	80	14/02/2020	09.30	14/02/2020	20.15	220KV Main Bus-II outage at Pophali	
MSPGCL	Koyna Unit 8	80	14/02/2020	09.35	14/02/2020	20.00	220KV Main Bus-II outage at Pophali	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Feb/2020

Position as on 6.30 Hrs of 15/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	15/02/2020	05.05		Continued.	Derator Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 15/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	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	13/02/2020	20.40	14/02/2020	05.59	HT	Over Voltage
Chandrapur-Parali III	IntraState	14/02/2020	08.47		Continued.	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	14/02/2020	19.44		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/02/2020	06.13		Continued.	PO	Removing of Cloth
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	14/02/2020	04.34	14/02/2020	10.03	PO	Painting work
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	14/02/2020	10.16	14/02/2020	13.53	PO	Testing 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.
Bhosari 2 - Telco	IntraState	13/02/2020	21.14	14/02/2020	04.45	EO	Air Leakage from Y Phase Pole
Kalwa Salsette III	IntraState	14/02/2020	08.40		Continued.	PO	Breaker replacement work
ALKUD - MENDHEGIRI CKT - 1	IntraState	14/02/2020	09.05	14/02/2020	11.23	PO	Tan Delta Measurment of CTs
Padghe-Kamba II	IntraState	14/02/2020	09.11	14/02/2020	14.00	PO	Line Side Isolator Maintenance
Pophali - Pedambe II	IntraState	14/02/2020	09.27	14/02/2020	19.45	PO	220KV Main Bus-II outage at Pophali
Pohali-Nerle	IntraState	14/02/2020	09.32	14/02/2020	20.45	PO	220KV Main Bus-II outage at Pophali
Pophali - New Koyna	IntraState	14/02/2020	09.37	14/02/2020	20.47	PO	220KV Main Bus-II outage at Pophali
ANANDNAGAR - PALAVA	IntraState	14/02/2020	10.00	14/02/2020	11.45	PO	Testing Work
Satana-Gangapur	IntraState	14/02/2020	10.04	14/02/2020	19.45	EO	To attend Hot Spot
Butibori-Abhijeet	IntraState	14/02/2020	11.40	14/02/2020	13.50	PO	Line Signature analysis
Apta - Talaja	IntraState	14/02/2020	11.55	14/02/2020	19.35	PO	Middlephase Jumper replacement and jumper cleaning
PAL DOMBIVALI - PALAVA	IntraState	14/02/2020	12.00	14/02/2020	13.15	PO	Testing Work
Virur - Virur Rly Tss 2	IntraState	14/02/2020	14.47	14/02/2020	17.36	EO	To attend Hot Spot
Nanded-Nanded(Waghale) II	IntraState	14/02/2020	17.06	14/02/2020	20.56	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	14/02/2020	09.30	14/02/2020	09.45	PO	To attend sparking on Bus Isolator
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	14/02/2020	10.39	14/02/2020	23.16	PO	Alignment and repairing of Bus Isolator 89A
200/132KV 100MVA ICT-1@Butibori	IntraState	14/02/2020	17.38	14/02/2020	18.49	EO	Heavy Oil Leakage

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