

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Feb/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.365	265.291	1) Gujrat	3.220	7.111
2) Hydro	6.811	14.449	2) Madhya Pradesh	12.348	24.800
3) Gas	4.026	11.270	3) Chattisgarh	5.870	11.520
Total MSPGCL	148.202	291.010	4) Maharashtra	90.776	184.714
B) 1) APLM	68.792	135.280	5) Goa (Amona)	-0.528	-1.100
2) JSWEL	21.874	42.559	Total	111.686	227.045
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.788	31.223
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	16.384	33.899
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.080	27.855
6) Other IPP	12.690	25.746	Include PX	-0.538	-1.261
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.788	31.223
C) 1) TPCL Thermal	13.858	27.236	Include PX	3.887	8.571
2) TPCL Hydro	2.262	6.082	Standby	0.000	0.000
3) TPCL Gas	3.900	7.952	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.606	19.240	1) MSEDCL	356.833	707.723
D) STATE			2) Mumbai Discoms	46.010	94.410
1) Thermal	264.185	515.352	TOTAL STATE	402.843	802.133
(A1+C1+C4+(B1-B6))					
2) Hydro	9.073	20.531			
(A2+C2)					
3) Gas	7.926	19.222			
(A3+B7+C3)					
4) Wind	4.412	8.369			
6) SOLAR	5.561	11.613			
TOTAL STATE	291.157	575.087			

* 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	5949	5974	6071	5226
MSPGCL Hydro	479	410	289	88
MSPGCL Gas	152	149	155	159
MSPGCL Total Generation	6580	6533	6515	5473
Central Sector Receipt	5778	5310	4772	3500
WIND	289	229	93	193
CPP / IPP Thermal	4841	4894	4609	3598
CPP / IPP Gas	0	0	0	0
SOLAR	864	871	0	0
Exchange with Mumbai	-941	-881	-991	-322
MSEDCL DEMAND MET	17411	16956	14998	12442
Load Shedding	0	0	0	0
MSEDCL DEMAND	17411	16956	14998	12442
TPCL GENERATION	1069	1081	897	633
AEML GENERATION	407	389	373	375
MUMBAI DEMAND	2417	2351	2261	1330
STATE DEMAND MET	19828	19307	17259	13772
STATE DEMAND	19828	19307	17259	13772
Frequency (Hz)	49.95	49.91	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.8 Hz at 12.19 Hrs	49.97	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 02/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.94	7.54	200	135
Unit 7	0.00	0.00	0	0
Unit 8	11.58	22.44	550	432
Unit 9	11.33	22.79	521	445
Unit 10	11.40	18.14	520	450
Total	38.24	70.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.72	19.10	500	350
Unit 5	0.00	0.00	0	0
Total	9.72	19.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.21	8.01	190	163
Unit 4	4.07	8.19	183	160
Unit 5	9.16	18.33	400	358
Unit 6	9.99	19.91	455	370
Unit 7	10.07	19.58	462	374
Unit 8	10.69	21.20	493	366
Unit 9	10.53	20.78	490	360
Total	58.73	116.00		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	2.08	2.08	226	0
Total	2.08	2.08		
Khaparkheda				
Unit 1	3.48	7.32	165	125
Unit 2	3.62	7.40	160	130
Unit 3	3.81	7.56	165	155
Unit 4	3.75	7.44	160	152
Unit 5	9.76	19.20	470	377
Total	24.43	48.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	8.30	208	159
Unit 5	0.00	0.00	0	0
Total	4.18	8.30		
Uran				
All Units	4.03	11.27	293	149
Total	4.03	11.27		
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)	0.00	0.04	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.04		
Koyna				
Stage 1-2	2.46	4.92	270	40
Stage 4	0.12	1.00	115	0
Stage 3	0.62	1.25	80	0
Total	3.20	7.17		
Hydro				
KDPH	0.44	0.89	19	18
VTRNA	0.62	1.38	60	0
TILLARI	0.43	0.85	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.34	80	0
RNGR+BHTSA	0.31	0.62	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	0.78	23	12
GHATGHAR	1.35	2.43	220	0
Total	3.62	7.28		
Wind				
Total	4.41	8.37	0	0
Total	4.41	8.37		
CPP				
APML(Mus)	68.79	135.28	0	0
JSWEL(Mus)	21.87	42.56	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.69	25.75	0	0
Total	103.36	203.58		
SOLAR				
Total	5.56	11.61	0	0
Total	5.56	11.61		
Tata				
Trombay 5	8.57	16.66	481	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	4.95	116	64
Trombay 7B	1.48	3.00	67	49
Trombay 8	5.29	10.58	237	202
TATA Hydro	2.26	6.08	215	0
Total	20.02	41.27		
AEML				
DTPS U-1&2	9.61	19.24	504	373
Total	9.61	19.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.36	265.29	MSPGCL Total	148.20	291.01
			MSPGCL Thml+Gas	141.39	276.56	Koyna 1,2 & 4 Total	2.58	5.92
			MSPGCL Hydro	6.81	14.45	State Total	291.16	575.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Feb/2019

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	5249	178	221	5648	227	3584	0	0	3469	3653	-471	12641	0	12641	1517	14158	49.99
2	5228	88	158	5474	214	3595	0	0	3896	3538	-384	12437	0	12437	1395	13832	50.00
3	5226	88	159	5473	193	3598	0	0	3349	3500	-322	12442	0	12442	1330	13772	49.95
4	5217	88	158	5463	196	3608	0	0	3356	3520	-289	12498	0	12498	1291	13789	49.96
5	5230	88	159	5477	215	3590	0	0	4118	3783	-307	12758	0	12758	1308	14066	50.01
6	5675	208	170	6053	170	3690	0	0	4331	4569	-427	14055	0	14055	1427	15482	49.96
7	6036	386	159	6581	164	4433	0	0	4832	4669	-438	15409	0	15409	1582	16991	49.99
8	6005	373	159	6537	219	4804	0	57	5499	5506	-416	16707	0	16707	1734	18441	49.97
9	5981	614	159	6754	222	4914	0	268	5471	5989	-578	17569	0	17569	1995	19564	50.01
10	5993	572	156	6721	262	4982	0	540	5414	5331	-757	17079	0	17079	2254	19333	49.93
11	5959	514	154	6627	317	4917	0	710	5712	5705	-858	17418	0	17418	2394	19812	49.99
12	5949	479	152	6580	289	4841	0	864	5596	5778	-941	17411	0	17411	2417	19828	49.95
13	5974	410	149	6533	229	4894	0	871	5275	5310	-881	16956	0	16956	2351	19307	49.91
14	5942	192	150	6284	191	4516	0	819	5156	5239	-899	16150	0	16150	2196	18346	49.98
15	5994	283	149	6426	118	4488	0	668	5085	5205	-901	16004	0	16004	2182	18186	49.92
16	6135	210	150	6495	116	4543	0	465	5087	4814	-884	15549	0	15549	2173	17722	49.96
17	5700	413	151	6264	87	4538	0	239	4806	4920	-877	15171	0	15171	2167	17338	49.93
18	5930	495	153	6578	87	4689	0	60	4445	4452	-862	15004	0	15004	2166	17170	50.03
19	6051	252	154	6457	87	4704	0	0	4681	4710	-945	15013	0	15013	2237	17250	49.96
20	6071	289	155	6515	93	4609	0	0	4723	4772	-991	14998	0	14998	2261	17259	49.96
21	5645	197	164	6006	84	4213	0	0	4553	4589	-900	13992	0	13992	2144	16136	50.00
22	5398	144	171	5713	185	4069	0	0	4378	4445	-790	13622	0	13622	2000	15622	50.02
23	5390	144	223	5757	219	3914	0	0	4182	4083	-694	13279	0	13279	1828	15107	49.98
24	5387	106	293	5786	228	3623	0	0	3820	3606	-572	12671	0	12671	1661	14332	49.99
MUs	137.36	6.81	4.03	148.20	4.41	103.36	0.00	5.56	111.23	111.69	-16.38	356.83	0.00	356.83	46.01	402.84	49.97

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 02/Feb/2019

Position as on 6.30 Hrs of 03/Feb/2019

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	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (Converted COH to Zero sch by MSEDCL from 29.01.2019)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Bhusawal Unit 5	500	31/01/2019	03.48	03/02/2019	21.36	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Feb/2019

Position as on 6.30 Hrs of 03/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	31/01/2019	10.04	02/02/2019	13.03	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	02/02/2019	20.59	02/02/2019	21.34	Boiler Protection	
MSPGCL	Paras Unit 4	250	03/02/2019	02.43	03/02/2019	09.48	Low Vacuum	
MSPGCL	Koradi Unit 6	210	03/02/2019	02.58	03/02/2019	11.07	Flame Failure	
MSPGCL	Chandrapur Unit 6	500	03/02/2019	10.00		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	03/02/2019	10.08		Continued.	Bottom ASH Hopper leakage	
MSPGCL	Koradi Unit 6	210	03/02/2019	22.09		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 03/Feb/2019

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	29/01/2019	17.15	02/02/2019	08.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/02/2019	17.50		Continued.	PO	Work at SSP end
Padghe - Kalwa-II	IntraState	25/01/2019	09.17		Continued.	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Khadka-Aurangabad (Waluj)	IntraState	01/02/2019	19.28	02/02/2019	09.07	HT	Over Voltage
Padghe - Nagothane - I	IntraState	02/02/2019	00.25	02/02/2019	09.32	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/02/2019	00.25	02/02/2019	08.53	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	02/02/2019	09.25	02/02/2019	15.59	PO	Stringing of Conductor LILO on 400KV Waluj-Bhusawal
Deepnagar Taptitanda	IntraState	02/02/2019	09.26	02/02/2019	17.26	PO	Stringing of Conductor LILO on 400KV Waluj-Bhusawal
Chandrapur-II - Nanded ckt II	IntraState	02/02/2019	11.13	02/02/2019	11.55	HT	Line H/T by mistake by Operator while operating through SCADA Console
Main Bus-I @ Koradi-II	IntraState	02/02/2019	13.17	02/02/2019	18.33	PO	Tan Delta Measurement of Bus CVT
Girwali- Lonikand 2	IntraState	02/02/2019	17.05	02/02/2019	18.52	HT	Taking 50 MVAR Line Reactor in Lonikand 2 end
Bhusawal-Aurangabad	IntraState	02/02/2019	17.42	03/02/2019	08.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/02/2019	00.04	03/02/2019	08.48	HT	Over Voltage
Padghe - Nagothane - II	IntraState	03/02/2019	00.09	03/02/2019	09.50	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	03/02/2019	01.08	03/02/2019	08.38	T	Distance Protection
Bhusawal-Aurangabad	IntraState	03/02/2019	16.31		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/02/2019	23.34		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.
400/220KV 500MVA ICT-I @Nanded	IntraState	02/02/2019	11.13	02/02/2019	19.30	PO	Routine Maintenance Work
400/220kv 315MVA ICT-I@Parly	IntraState	02/02/2019	19.43	02/02/2019	21.50	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	No Schedule
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of Conductor Loc No 86 Disconnecting of Jumper At Loc No 86 & 107 And De-energising The Line Bet 86 To 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Bhira Dharavi 8	IntraState	01/02/2019	07.56		Continued.	PO	Tower Erection work
Ghatghar - Jindal	IntraState	01/02/2019	10.08	02/02/2019	20.55	PO	Red Hot Attending work
Kolhapur-Bidri	IntraState	02/02/2019	09.15	02/02/2019	17.05	PO	Insulator cleaning and replacement
Jejuri (400 Kv)- Baramati li	IntraState	02/02/2019	09.35	02/02/2019	16.59	PO	Replacement of Earth Wire with OPGW
Chalishaon -Babhaleshwar	IntraState	02/02/2019	09.48	02/02/2019	17.50	PO	Quarterly Maintenance Work
Jejuri- Ismt- Lonand	IntraState	02/02/2019	15.30	02/02/2019	15.38	T	LTS Operated due to Baramati-jejuri under outage
Lonand-Baramati	IntraState	02/02/2019	15.40	02/02/2019	16.00	T	Over Current 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 02/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 03/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mumewadi -Halkarni II	IntraState	03/02/2019	16.03	03/02/2019	20.32	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 150 MVA ICT II @ Eklahre-Nashik (Gcr)	IntraState	02/02/2019	09.15	02/02/2019	16.37	PO	Replacement of 132KV Isolator with Structure
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.

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