

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Feb/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.850	2284.005	1) Gujrat	0.320	32.712
2) Hydro	6.023	134.436	2) Madhya Pradesh	14.048	235.325
3) Gas	7.319	117.137	3) Chattisgarh	6.320	106.230
Total MSPGCL	153.192	2535.578	4) Maharashtra	107.112	1700.173
B) 1) APML	55.464	997.356	5) Goa (Amona)	-0.330	-8.118
2) JSWEL	14.323	346.824	Total	127.470	2066.322
3) VIPL	0.000	0.000	a) Mumbai Schedule	13.245	270.459
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.392	290.763
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.994	267.968
6) Other IPP	12.675	217.697	Include PX	2.851	15.889
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	13.245	269.565
C) 1) TPCL Thermal	12.606	230.874	Include PX	4.189	86.168
2) TPCL Hydro	0.607	50.660	Standby	0.000	0.894
3) TPCL Gas	3.965	68.800	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.343	163.933	1) MSEDCL	363.128	6145.675
D) STATE			2) Mumbai Discoms	40.913	805.027
1) Thermal	244.261	4240.689	TOTAL STATE	404.041	6950.702
(A1+C1+C4+(B1-B6))					
2) Hydro	6.630	185.096			
(A2+C2)					
3) Gas	11.284	185.937			
(A3+B7+C3)					
4) Wind	7.074	169.162			
6) SOLAR	7.322	103.499			
TOTAL STATE	276.571	4884.383			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6413	6435	5494	5411
MSPGCL Hydro	439	377	277	250
MSPGCL Gas	307	288	296	316
MSPGCL Total Generation	7159	7100	6067	5977
Central Sector Receipt	6228	5811	5395	4818
WIND	234	288	610	137
CPP / IPP Thermal	3840	3680	3412	3026
CPP / IPP Gas	0	0	0	0
SOLAR	867	1047	0	0
Exchange with Mumbai	-581	-852	-810	-345
MSEDCL DEMAND MET	17747	17074	14674	13613
Load Shedding	0	0	0	0
MSEDCL DEMAND	17747	17074	14674	13613
TPCL GENERATION	875	716	798	621
AEML GENERATION	502	376	372	373
MUMBAI DEMAND	1958	1944	1980	1339
STATE DEMAND MET	19705	19018	16654	14952
STATE DEMAND	19705	19018	16654	14952
Frequency (Hz)	50.01	50.02	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.05 Hrs	49.77 Hz at 18.50 Hrs	50.01	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 17/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.89	22.94	190	140
Unit 7	0.00	0.00	0	0
Unit 8	8.38	176.33	352	339
Unit 9	8.67	182.80	407	335
Unit 10	8.54	177.38	399	331
Total	29.48	559.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.48	164.44	505	350
Unit 5	9.48	133.38	500	350
Total	18.96	297.82		
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	4.24	72.94	197	163
Unit 4	4.15	48.22	192	160
Unit 5	9.27	103.82	415	360
Unit 6	9.76	138.00	455	360
Unit 7	9.70	164.72	450	360
Unit 8	10.22	179.35	495	362
Unit 9	10.12	177.59	500	365
Total	57.48	884.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	59.41	252	190
Total	5.33	59.41		
Khaparkheda				
Unit 1	3.70	61.42	165	140
Unit 2	3.77	62.00	160	140
Unit 3	3.81	63.93	167	148
Unit 4	3.82	63.70	165	155
Unit 5	9.43	161.69	450	364
Total	24.52	412.74		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.08	39.92	200	156
Total	4.08	69.93		
Uran				
All Units	7.32	117.14	320	288
Total	7.32	117.14		
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	0.22	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.22		
Koyna				
Stage 1-2	2.06	39.57	245	40
Stage 4	0.26	20.22	195	0
Stage 3	0.60	13.11	80	0
Total	2.92	72.90		
Hydro				
KDPH	0.00	4.72	0	0
VTRNA	0.66	11.34	61	0
TILLARI	0.00	3.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.48	43	0
RNGR+BHTSA	0.30	5.25	13	12
BHANDARDRA	0.34	0.34	46	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	9.34	28	18
GHATGHAR	1.24	25.01	250	0
Total	3.10	61.53		
Wind				
Total	7.07	169.16	0	0
Total	7.07	169.16		
CPP				
APML(Mus)	55.46	997.36	0	0
JSWEL(Mus)	14.32	346.82	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)	12.68	217.70	0	0
Total	82.46	1561.88		
SOLAR				
Total	7.32	103.50	0	0
Total	7.32	103.50		
Tata				
Trombay 5	7.75	142.48	477	296
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	43.00	117	64
Trombay 7B	1.50	25.80	67	50
Trombay 8	4.86	88.39	216	199
TATA Hydro	0.61	50.66	108	0
Total	17.18	350.33		
AEML				
DTPS U-1&2	9.34	163.93	502	372
Total	9.34	163.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.85	2284.00	MSPGCL Total	153.19	2535.58
			MSPGCL Thml+Gas	147.17	2401.14	Koyna 1,2 & 4 Total	2.32	59.79
			MSPGCL Hydro	6.02	134.44	State Total	276.57	4884.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5449	276	314	6039	235	2968	0	0	4785	5033	-492	13783	0	13783	1560	15343	49.96
2	5465	233	306	6004	172	3044	0	0	5020	4944	-404	13760	0	13760	1453	15213	49.99
3	5433	320	315	6068	173	2976	0	0	4571	4822	-363	13676	0	13676	1383	15059	50.04
4	5411	250	316	5977	137	3026	0	0	4745	4818	-345	13613	0	13613	1339	14952	49.97
5	5421	160	318	5899	139	3274	0	0	4868	4922	-355	13879	0	13879	1345	15224	49.99
6	5624	215	319	6158	162	3340	0	0	5132	5396	-420	14636	0	14636	1418	16054	49.99
7	6172	271	319	6762	201	3551	0	1	5413	5760	-495	15780	0	15780	1489	17269	50.03
8	6392	166	320	6878	187	3688	0	105	6242	6346	-559	16645	0	16645	1575	18220	49.98
9	6432	388	316	7136	176	3778	0	410	6038	6023	-632	16891	0	16891	1714	18605	49.99
10	6425	596	301	7322	166	4006	0	689	5863	5744	-600	17327	0	17327	1867	19194	49.95
11	6413	439	307	7159	234	3840	0	867	6008	6228	-581	17747	0	17747	1958	19705	50.01
12	6441	444	293	7178	254	3679	0	1005	6208	6064	-652	17528	0	17528	1979	19507	50.08
13	6435	377	288	7100	288	3680	0	1047	5781	5811	-852	17074	0	17074	1944	19018	50.02
14	6219	295	290	6804	337	3657	0	1014	5488	5322	-777	16357	0	16357	1851	18208	50.09
15	5998	129	289	6416	356	3419	0	870	5430	5540	-706	15895	0	15895	1777	17672	50.04
16	5979	88	290	6357	374	3354	0	706	5422	5347	-648	15490	0	15490	1730	17220	50.04
17	5627	101	289	6017	366	3358	0	458	5318	5322	-641	14880	0	14880	1728	16608	50.02
18	5442	153	303	5898	503	3419	0	150	5059	5088	-637	14421	0	14421	1746	16167	50.01
19	5460	182	295	5937	604	3401	0	0	4998	4778	-713	14007	0	14007	1846	15853	49.96
20	5494	277	296	6067	610	3412	0	0	4918	5395	-810	14674	0	14674	1980	16654	50.01
21	5514	207	310	6031	469	3422	0	0	4927	4809	-841	13890	0	13890	1995	15885	50.03
22	5543	173	299	6015	405	3366	0	0	4571	4666	-702	13750	0	13750	1865	15615	49.97
23	5540	153	312	6005	280	3410	0	0	4634	4672	-634	13733	0	13733	1763	15496	50.01
24	5521	130	314	5965	246	3394	0	0	4559	4620	-533	13692	0	13692	1608	15300	50.10
MUs	139.85	6.02	7.32	153.19	7.07	82.46	0.00	7.32	126.00	127.47	-14.39	363.13	0.00	363.13	40.91	404.04	50.01

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 17/Feb/2019

Position as on 6.30 Hrs of 18/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	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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 B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
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.	
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. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
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	Nasik Unit 4	210	08/02/2019	05.18		Continued.	Zero schedule	
IPP	Adani U-5	660	13/02/2019	14.52	17/02/2019	16.47	Due To APH-B Gearbox Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Feb/2019

Position as on 6.30 Hrs of 18/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	15/02/2019	14.34	18/02/2019	14.28	Condenser problem	
MSPGCL	Khaparkheda Unit 3	210	18/02/2019	17:21		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 18/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 I	InterState	07/02/2019	08.55	18/02/2019	07.12	PO	Relay Testing Work(RFC 19.48Hrs)
Dabhol Newkoyna li	InterState	16/02/2019	08.55		Continued.	PO	PM & testing work RFC 20.30 hrs. CVT problem at RGPPL.
Dhule Sar'Sarovar II	InterState	18/02/2019	18.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/02/2019	19.02	18/02/2019	07.27	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	16/02/2019	08.55	17/02/2019	21.33	PO	PM & TESTING WORK RFC 20.30 HRS.CVT problem at RGPPL.
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59		Continued.	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46		Continued.	PO	Construction Work for height raising.
Padghe - Nagothane - I	IntraState	16/02/2019	23.02	17/02/2019	11.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/02/2019	23.39	17/02/2019	09.40	HT	Over Voltage
Padghe - Nagothane - II	IntraState	17/02/2019	22.00	18/02/2019	11.07	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/02/2019	23.29	18/02/2019	07.44	HT	Over Voltage
Akola - Bhusawal	IntraState	18/02/2019	08.56		Continued.	PO	Restraining of Conductor.(RFC 20.45)
New Koyna - Dabhol - li	IntraState	18/02/2019	09.04		Continued.	PO	Le Scheme For Insulator String Replacement
TBC @ chandrapur	IntraState	18/02/2019	09.55		Continued.	PO	PG Isolator Problem.
Dhule - Bableshwar - li	IntraState	18/02/2019	13.34	18/02/2019	18.19	T	Distance Protection, Z1, R Phase to E. 2.6KA. 111KM.
Karad - Jaigad - II	IntraState	18/02/2019	18.10		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/02/2019	22.19		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 315MVA ICT-II @Akola	IntraState	18/02/2019	10.43	18/02/2019	16.59	PO	Routine Maintenance Work
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.
Gadchandur-Ultratech II	IntraState	13/02/2019	18.00		Continued.	PO	Metering C.T.Replacement Work.
Kharghar-Borivali ckt II	IntraState	17/02/2019	09.20	17/02/2019	14.51	PO	For Tapping to Kharghar-Borivali-II(For Load Management on Kalwa ICT)
TALEGAON - TALEGAON ambi (PG) -I	IntraState	17/02/2019	10.09	17/02/2019	15.23	PO	Copper Palm replacement by Aluminium Palm
Arey - TPC Borivali	IntraState	18/02/2019	00.34	18/02/2019	08.06	PO	Safety During Metro Work.
REL Borivali Aarey Line	IntraState	18/02/2019	00.57	18/02/2019	07.30	PO	Safety During Metro Work.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	18/02/2019	10.07	18/02/2019	11.08	PO	Trip Ckt Faulty Attending Work.
Halkarni-Mahalaxmiline	IntraState	18/02/2019	11.07	18/02/2019	13.55	PO	Hot Spot On Wave Trap.

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 17/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 18/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/02/2019	11.35		Continued.	PO	LV Bushing Replacement,Work For 10 Days
220/132 Kv 200 Mva Vijay Ict 2 @Malegaon	IntraState	16/02/2019	09.46		Continued.	PO	OIL FILTREAION WORK.
220/132 Kv 200MVA ICT II @Dhule	IntraState	18/02/2019	19.44		Continued.	PO	Oil Leakage On Rph Bushing.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/10/2018	18.40		Continued.	HT	CB Closed At Pench & In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Malegaon(220kv)-Malegaon(132kv) I	IntraState	16/02/2019	09.34		Continued.	HT	Ict 2 Outage At 220KV Malegaon.
Malegaon(220kv)-Malegaon(132kv) li	IntraState	16/02/2019	09.37		Continued.	HT	Ict 2 Outage At 220KV Malegaon.