

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Feb/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.186	2144.155	1) Gujrat	-0.006	32.392
2) Hydro	6.400	128.413	2) Madhya Pradesh	14.958	221.277
3) Gas	7.361	109.818	3) Chattisgarh	7.110	99.910
Total MSPGCL	153.947	2382.386	4) Maharashtra	106.793	1593.061
B) 1) APLM	55.884	941.892	5) Goa (Amona)	-0.528	-7.788
2) JSWEL	14.678	332.501	Total	128.327	1938.852
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.335	257.214
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.980	276.371
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.649	249.974
6) Other IPP	12.873	205.022	Include PX	0.339	13.038
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.518	256.320
C) 1) TPCL Thermal	13.564	218.268	Include PX	6.547	81.979
2) TPCL Hydro	2.414	50.053	Standby	0.818	0.894
3) TPCL Gas	4.209	64.835	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.874	154.590	1) MSEDCL	365.975	5782.547
D) STATE			2) Mumbai Discoms	47.039	764.114
1) Thermal	246.059	3996.428	TOTAL STATE	413.014	6546.661
(A1+C1+C4+(B1-B6))					
2) Hydro	8.814	178.466			
(A2+C2)					
3) Gas	11.570	174.653			
(A3+B7+C3)					
4) Wind	11.703	162.088			
6) SOLAR	6.543	96.177			
TOTAL STATE	284.689	4607.812			

* 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 3 Hrs
MSPGCL Thermal	6235	6137	6009	5396
MSPGCL Hydro	587	450	187	74
MSPGCL Gas	308	289	306	318
MSPGCL Total Generation	7130	6876	6502	5788
Central Sector Receipt	6106	5566	5043	4541
WIND	239	309	825	733
CPP / IPP Thermal	3995	3696	3676	2991
CPP / IPP Gas	0	0	0	0
SOLAR	838	931	0	0
Exchange with Mumbai	-962	-943	-905	-548
MSEDCL DEMAND MET	17346	16435	15141	13505
Load Shedding	0	0	0	0
MSEDCL DEMAND	17346	16435	15141	13505
TPCL GENERATION	965	950	991	665
AEML GENERATION	497	500	373	196
MUMBAI DEMAND	2424	2393	2269	1409
STATE DEMAND MET	19770	18828	17410	14914
STATE DEMAND	19770	18828	17410	14914
Frequency (Hz)	50.03	49.95	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.35 Hrs	49.79 Hz at 18.45 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 16/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.89	19.05	170	150
Unit 7	0.00	0.00	0	0
Unit 8	8.69	167.95	398	350
Unit 9	8.74	174.13	400	348
Unit 10	7.57	168.84	351	295
Total	28.89	529.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.66	154.96	500	350
Unit 5	9.66	123.91	500	350
Total	19.32	278.86		
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	4.38	68.70	196	165
Unit 4	4.29	44.06	190	163
Unit 5	9.37	94.55	415	364
Unit 6	9.91	128.24	455	361
Unit 7	9.73	155.02	456	333
Unit 8	10.36	169.13	480	360
Unit 9	10.06	167.47	485	360
Total	58.10	827.18		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	54.08	256	187
Total	5.43	54.08		
Khaparkheda				
Unit 1	3.72	57.72	165	145
Unit 2	3.42	58.23	160	130
Unit 3	3.82	60.12	162	155
Unit 4	3.80	59.89	160	155
Unit 5	9.68	152.26	450	365
Total	24.44	388.22		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.00	35.84	194	128
Total	4.00	65.85		
Uran				
All Units	7.36	109.82	332	287
Total	7.36	109.82		
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	2.27	37.51	250	40
Stage 4	0.00	19.96	0	0
Stage 3	0.37	12.51	80	0
Total	2.64	69.98		
Hydro				
KDPH	0.00	4.72	0	0
VTRNA	0.68	10.68	61	0
TILLARI	0.00	3.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	2.40	80	0
RNGR+BHTSA	0.30	4.95	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	8.87	30	20
GHATGHAR	2.10	23.77	250	0
Total	3.76	58.43		
Wind				
Total	11.70	162.09	0	0
Total	11.70	162.09		
CPP				
APML(Mus)	55.88	941.89	0	0
JSWEL(Mus)	14.68	332.50	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)	12.87	205.02	0	0
Total	83.44	1479.42		
SOLAR				
Total	6.54	96.18	0	0
Total	6.54	96.18		
Tata				
Trombay 5	8.29	134.74	483	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	40.54	116	80
Trombay 7B	1.56	24.30	67	56
Trombay 8	5.27	83.53	236	200
TATA Hydro	2.41	50.05	268	0
Total	20.19	333.16		
AEML				
DTPS U-1&2	8.87	154.59	500	193
Total	8.87	154.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.19	2144.16	MSPGCL Total	153.95	2382.39
			MSPGCL Thml+Gas	147.55	2253.97	Koyna 1,2 & 4 Total	2.27	57.47
			MSPGCL Hydro	6.40	128.41	State Total	284.69	4607.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5459	74	308	5841	686	3142	0	0	4831	4835	-714	13790	0	13790	1600	15390	50.01
2	5450	74	319	5843	666	3053	0	0	4792	4808	-595	13775	0	13775	1478	15253	50.00
3	5396	74	318	5788	733	2991	0	0	4659	4541	-548	13505	0	13505	1409	14914	49.97
4	5406	74	319	5799	711	3207	0	0	4700	4503	-516	13704	0	13704	1377	15081	50.02
5	5397	74	321	5792	599	3220	0	0	4511	4617	-452	13776	0	13776	1390	15166	50.02
6	5657	73	322	6052	420	3346	0	0	5143	5365	-480	14703	0	14703	1503	16206	49.97
7	6161	334	332	6827	392	3628	0	3	5860	5697	-557	15990	0	15990	1633	17623	50.03
8	6219	386	322	6927	233	3855	0	95	6476	6703	-637	17176	0	17176	1788	18964	49.99
9	6188	542	319	7049	172	3953	0	345	6148	6066	-665	16920	0	16920	2015	18935	49.96
10	6212	553	306	7071	228	4009	0	619	6241	6065	-840	17152	0	17152	2285	19437	50.01
11	6235	587	308	7130	239	3995	0	838	6051	6106	-962	17346	0	17346	2424	19770	50.03
12	6209	598	293	7100	231	3690	0	844	6236	6410	-964	17311	0	17311	2451	19762	50.01
13	6137	450	289	6876	309	3696	0	931	5851	5566	-943	16435	0	16435	2393	18828	49.95
14	6212	379	288	6879	388	3638	0	872	5629	5324	-901	16200	0	16200	2228	18428	50.04
15	5988	302	287	6577	480	3597	0	802	5496	5479	-908	16027	0	16027	2206	18233	49.98
16	5989	207	290	6486	457	3528	0	652	5507	5685	-899	15909	0	15909	2191	18100	49.96
17	5803	154	301	6258	592	3477	0	408	5399	5293	-876	15152	0	15152	2194	17346	49.97
18	5818	334	293	6445	548	3481	0	131	4752	4898	-839	14664	0	14664	2177	16841	50.01
19	5998	227	295	6520	761	3571	0	3	4835	4847	-864	14838	0	14838	2219	17057	49.96
20	6009	187	306	6502	825	3676	0	0	4972	5043	-905	15141	0	15141	2269	17410	49.97
21	5691	133	299	6123	761	3522	0	0	4922	4876	-852	14430	0	14430	2176	16606	50.00
22	5572	132	311	6015	597	3091	0	0	4989	5236	-767	14172	0	14172	2039	16211	50.01
23	5491	312	301	6104	405	3021	0	0	5005	5223	-673	14080	0	14080	1876	15956	49.91
24	5489	140	314	5943	270	3048	0	0	5062	5141	-623	13779	0	13779	1720	15499	50.02
MUs	140.19	6.40	7.36	153.95	11.70	83.44	0.00	6.54	128.07	128.33	-17.98	365.97	0.00	365.97	47.04	413.02	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 16/Feb/2019

Position as on 6.30 Hrs of 17/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 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 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 16/Feb/2019

Position as on 6.30 Hrs of 17/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		Continued.	Condenser problem	
AEML	AEML Unit 2	250	15/02/2019	23.38	16/02/2019	03.51	Generator Elect. Fault	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 17/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		Continued.	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.
Chandrapur - Parli	IntraState	15/02/2019	18.53	16/02/2019	12.22	T	Distance Protection B Phase E/F Z1
Bhusawal-Aurangabad	IntraState	15/02/2019	19.02		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/02/2019	20.04	16/02/2019	09.14	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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/02/2019	23.29		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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	16/02/2019	08.56	16/02/2019	18.48	PO	FOR PAINTING, COLD WELDING & RELAY TESTING 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.
Pusad-Ghatodi	IntraState	05/02/2019	09.37	16/02/2019	13.28	PO	REP. OF RCC STRUCTURES, ISOLATOR REP UNDER LES ETC.
Gadchandur-Ultratech II	IntraState	13/02/2019	18.00		Continued.	PO	Metering C.T.Replacement Work.
Nagothane - Posco	IntraState	16/02/2019	08.01	16/02/2019	09.47	T	BPH E/F & AR SUCCESSFUL AT NAGOTHANE END.
Malharpeth - Karad(400kv)	IntraState	16/02/2019	10.03	16/02/2019	14.48	PO	Testing Work
Bableshtar Ahamadnagar-li	IntraState	16/02/2019	11.08	16/02/2019	14.28	PO	CT TESTING WORK.
Sahara-Urse	IntraState	16/02/2019	12.19	16/02/2019	14.51	HT	manage load for availing emergency outage on 220kv talegaon (ambi)-talegaon (pg)-2.
Vankuswade - Kdph	IntraState	16/02/2019	13.45	16/02/2019	14.15	T	Distance Protection
Pigasus-Hinjewadi-II	IntraState	16/02/2019	16.00	16/02/2019	18.58	PO	Half yearly maintenance 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

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 16/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 17/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.
220/100 Kv 200MVA ICT-I @Padghe	IntraState	16/02/2019	10.16	16/02/2019	19.21	PO	DIAGNOSTIC TESTING WORK.
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	16/02/2019	10.55	16/02/2019	12.12	PO	132KV BUS BAR SCHEME WIRING AND TESTING WORK.
220/132kv 100mva Ict 1 @Peth	IntraState	16/02/2019	11.15	16/02/2019	13.25	PO	Testing Work
220/132kv 115mva Bhel Ptr 3 @Lonand	IntraState	16/02/2019	15.03	16/02/2019	15.45	PO	132KV BUS BAR SCHEME WIRING AND TESTING WORK.
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.

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