

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.422	2425.427	1) Gujrat	1.879	34.591
2) Hydro	6.769	141.205	2) Madhya Pradesh	14.620	249.945
3) Gas	7.275	124.412	3) Chattisgarh	5.690	111.920
Total MSPGCL	155.466	2691.044	4) Maharashtra	97.858	1798.031
B) 1) APLM	67.248	1064.604	5) Goa (Amona)	-0.572	-8.690
2) JSWEL	17.689	364.513	Total	119.475	2185.797
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.535	286.994
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.338	309.101
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.652	282.620
6) Other IPP	12.535	230.232	Include PX	0.105	15.994
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.535	286.100
C) 1) TPCL Thermal	12.963	243.837	Include PX	4.398	90.567
2) TPCL Hydro	4.605	55.265	Standby	0.000	0.894
3) TPCL Gas	4.013	72.813	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.961	172.894	1) MSEDCL	370.106	6515.781
D) STATE			2) Mumbai Discoms	48.880	853.907
1) Thermal	260.818	4501.507	TOTAL STATE	418.986	7369.688
(A1+C1+C4+(B1-B6))					
2) Hydro	11.374	196.470			
(A2+C2)					
3) Gas	11.288	197.225			
(A3+B7+C3)					
4) Wind	9.181	178.343			
6) SOLAR	6.850	110.349			
TOTAL STATE	299.511	5183.894			

* 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	6229	6286	6001	5485
MSPGCL Hydro	389	417	564	152
MSPGCL Gas	290	290	295	315
MSPGCL Total Generation	6908	6993	6860	5952
Central Sector Receipt	6235	5530	4974	3493
WIND	298	254	197	657
CPP / IPP Thermal	4450	4454	4225	3351
CPP / IPP Gas	0	0	0	0
SOLAR	939	943	0	0
Exchange with Mumbai	-1162	-1054	-926	-332
MSEDCL DEMAND MET	17668	17120	15330	13121
Load Shedding	0	0	0	0
MSEDCL DEMAND	17668	17120	15330	13121
TPCL GENERATION	1078	1076	1077	629
AEML GENERATION	373	375	373	374
MUMBAI DEMAND	2613	2505	2376	1335
STATE DEMAND MET	20281	19625	17706	14456
STATE DEMAND	20281	19625	17706	14456
Frequency (Hz)	50.00	49.99	49.95	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.03 Hrs	49.8 Hz at 05.57 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 18/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.88	26.82	180	140
Unit 7	0.00	0.00	0	0
Unit 8	9.49	185.82	445	345
Unit 9	9.29	192.10	494	346
Unit 10	9.22	186.60	427	310
Total	31.89	591.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.46	173.90	500	350
Unit 5	9.36	142.74	500	350
Total	18.81	316.63		
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	4.34	77.28	197	163
Unit 4	4.28	52.50	190	164
Unit 5	9.41	113.24	420	352
Unit 6	9.94	147.94	455	359
Unit 7	9.57	174.30	450	337
Unit 8	10.64	190.00	495	365
Unit 9	10.54	188.13	500	360
Total	58.73	943.38		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.40	64.80	250	190
Total	5.40	64.80		
Khaparkheda				
Unit 1	3.57	64.98	165	120
Unit 2	3.68	65.68	160	130
Unit 3	2.74	66.67	160	0
Unit 4	3.72	67.43	160	145
Unit 5	8.93	170.62	430	290
Total	22.65	435.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	3.94	43.86	192	155
Total	3.94	73.87		
Uran				
All Units	7.28	124.41	318	289
Total	7.28	124.41		
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	1.82	41.39	240	40
Stage 4	0.00	20.22	0	0
Stage 3	0.52	13.63	80	0
Total	2.34	75.24		
Hydro				
KDPH	0.48	5.20	38	0
VTRNA	0.62	11.95	60	0
TILLARI	0.48	3.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	2.69	80	0
RNGR+BHTSA	0.28	5.54	12	11
BHANDARDRA	0.51	0.85	46	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	9.94	33	23
GHATGHAR	1.25	26.26	125	0
Total	4.43	65.96		
Wind				
Total	9.18	178.34	0	0
Total	9.18	178.34		
CPP				
APML(Mus)	67.25	1064.60	0	0
JSWEL(Mus)	17.69	364.51	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)	12.54	230.23	0	0
Total	97.47	1659.35		
SOLAR				
Total	6.85	110.35	0	0
Total	6.85	110.35		
Tata				
Trombay 5	7.76	150.24	419	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	45.51	116	64
Trombay 7B	1.51	27.30	67	50
Trombay 8	5.20	93.59	227	200
TATA Hydro	4.60	55.26	410	0
Total	21.58	371.92		
AEML				
DTPS U-1&2	8.96	172.89	378	372
Total	8.96	172.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.42	2425.43	MSPGCL Total	155.47	2691.04
			MSPGCL Thml+Gas	148.70	2549.84	Koyna 1,2 & 4 Total	1.82	61.61
			MSPGCL Hydro	6.77	141.20	State Total	299.51	5183.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5474	88	314	5876	378	3379	0	0	4406	4174	-468	13339	0	13339	1526	14865	50.00
2	5475	138	304	5917	557	3360	0	0	3842	3670	-368	13136	0	13136	1404	14540	49.94
3	5485	152	315	5952	657	3351	0	0	3451	3493	-332	13121	0	13121	1335	14456	50.03
4	5456	97	318	5871	739	3336	0	0	3502	3527	-317	13156	0	13156	1311	14467	50.02
5	5455	127	317	5899	826	3378	0	0	3807	4108	-330	13881	0	13881	1324	15205	49.99
6	5551	131	307	5989	801	3452	0	0	4714	4620	-438	14424	0	14424	1453	15877	49.93
7	6141	110	317	6568	670	3922	0	3	5596	5479	-590	16052	0	16052	1660	17712	49.99
8	6399	92	314	6805	558	4334	0	105	6329	6090	-779	17113	0	17113	1886	18999	49.97
9	6375	126	315	6816	359	4445	0	401	6182	6272	-938	17355	0	17355	2147	19502	50.02
10	6352	320	298	6970	385	4520	0	640	6043	5917	-994	17438	0	17438	2383	19821	50.02
11	6240	330	295	6865	365	4469	0	811	6144	6254	-1103	17661	0	17661	2549	20210	50.02
12	6229	389	290	6908	298	4450	0	939	6213	6235	-1162	17668	0	17668	2613	20281	50.00
13	6286	417	290	6993	254	4454	0	943	5598	5530	-1054	17120	0	17120	2505	19625	49.99
14	6324	418	299	7041	207	4476	0	931	5234	5045	-938	16762	0	16762	2386	19148	49.95
15	6093	340	289	6722	222	4437	0	831	5308	5241	-939	16514	0	16514	2416	18930	49.92
16	6000	319	293	6612	203	4359	0	664	5309	5311	-971	16178	0	16178	2433	18611	50.02
17	5927	551	293	6771	223	4237	0	435	5057	5148	-903	15911	0	15911	2415	18326	49.97
18	5974	513	303	6790	183	4234	0	146	4741	4776	-878	15251	0	15251	2382	17633	50.01
19	5974	509	296	6779	133	4217	0	1	4831	4928	-944	15114	0	15114	2377	17491	50.03
20	6001	564	295	6860	197	4225	0	0	4990	4974	-926	15330	0	15330	2376	17706	49.95
21	5804	230	306	6340	315	4208	0	0	4636	4776	-881	14758	0	14758	2252	17010	50.03
22	5569	186	295	6050	288	4156	0	0	4759	4627	-782	14339	0	14339	2094	16433	50.01
23	5512	251	310	6073	202	4113	0	0	4422	4756	-704	14440	0	14440	1910	16350	49.95
24	5326	371	302	5999	161	3960	0	0	4452	4524	-599	14045	0	14045	1743	15788	49.96
MUs	141.42	6.77	7.27	155.47	9.18	97.47	0.00	6.85	119.57	119.47	-18.34	370.11	0.00	370.11	48.88	418.99	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 18/Feb/2019

Position as on 6.30 Hrs of 19/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	JSW (J) U1	300	15/02/2019	14.34	18/02/2019	14.28	Condenser problem	
MSPGCL	Khaparkhedda Unit 3	210	18/02/2019	17:21		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	19/02/2019	12.49	19/02/2019	18.05	EO	Y Phase Metering ct Red Hot Spot Attending Work.
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
Akola Aurangabad(PG) II	InterState	19/02/2019	02.43	19/02/2019	19.41	EO	HT Due To oil Leakage CB Compressor Motor
Bhusawal-Aurangabad	IntraState	15/02/2019	19.02	18/02/2019	07.27	HT	Over Voltage
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 - 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	19/02/2019	19.26	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	19/02/2019	13.54	PO	PG Isolator Problem.
Dhule - Bableshtar - 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	19/02/2019	09.32	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/02/2019	22.19	19/02/2019	09.38	HT	Over Voltage
Akola - Bhusawal	IntraState	19/02/2019	10.24	19/02/2019	19.26	PO	Railway Work Already Out.
Koradi-Bhusawal	IntraState	19/02/2019	14.01	19/02/2019	15.21	T	Distance Protection,Z1,YPH 3.76 kA, 92.4KM-Koradi End Z1,Y PH.1.5KA.250KM-Khadka end.
Khadka-Aurangabad (Waluj)	IntraState	19/02/2019	19.29		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	19/02/2019	20.23		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	19/02/2019	22.06		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.
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.

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 18/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 19/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
BOISAR BORIVALI	IntraState	19/02/2019	07.15	19/02/2019	11.45	PO	CT Tan Delta.
Miraj - Tilwani	IntraState	19/02/2019	08.18	19/02/2019	21.53	PO	Line Insulator Cleaning Work.
Khadka-Chalisgaon-1	IntraState	19/02/2019	09.16		Continued.	PO	For Erection Of Inline Tower.
Khadka-Chalisgaon-2	IntraState	19/02/2019	09.28		Continued.	PO	For Erection Of Inline Tower.
Koradi-Butibori Rly Tss	IntraState	19/02/2019	09.28	19/02/2019	14.00	EO	Attending Hot Spot
Vankuswade - Kdph	IntraState	19/02/2019	10.25	19/02/2019	15.10	PO	Quarterly Maintainance Work
AKOLA ANJANGAON (VIHIGAON) CKT-II	IntraState	19/02/2019	10.38	19/02/2019	13.55	PO	Tree Cutting Work.
Tata Borivli MSETCL Borivli 4	IntraState	19/02/2019	12.24	19/02/2019	19.52	PO	Routine Maintenance Work
Vankuswadi- Ajinkyatara	IntraState	19/02/2019	16.05	19/02/2019	19.30	PO	Quarterly Maintainance Work
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.
220/100kv 200MVA ICT @ Ogalewadi	IntraState	19/02/2019	14.52	19/02/2019	17.51	PO	Bus Bar 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.
Beed(220kv) -Telgaon	IntraState	19/02/2019	14.00	19/02/2019	14.25	T	Z1 Distance Protection 2.47KA.BKR Not Tripped At Beed

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