

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Feb/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.013	2988.892	1) Gujrat	1.358	39.715
2) Hydro	13.840	182.765	2) Madhya Pradesh	17.534	309.136
3) Gas	7.010	152.479	3) Chattisgarh	5.130	133.990
Total MSPGCL	155.863	3324.136	4) Maharashtra	104.943	2201.979
B) 1) APLM	74.859	1358.386	5) Goa (Amona)	-0.704	-10.956
2) JSWEL	24.573	460.499	Total	128.261	2673.864
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.030	356.612
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.472	384.080
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	14.119	326.795
6) Other IPP	12.350	279.854	Include PX	-1.094	-0.380
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.030	355.718
C) 1) TPCL Thermal	14.615	301.021	Include PX	7.146	111.141
2) TPCL Hydro	5.082	74.016	Standby	0.000	0.894
3) TPCL Gas	4.248	89.740	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.161	213.334	1) MSEDCL	389.887	8059.329
D) STATE			2) Mumbai Discoms	53.574	1062.184
1) Thermal	271.571	5601.986	TOTAL STATE	443.461	9121.513
(A1+C1+C4+(B1-B6))					
2) Hydro	18.922	256.781			
(A2+C2)					
3) Gas	11.258	242.219			
(A3+B7+C3)					
4) Wind	7.131	210.124			
6) SOLAR	6.322	136.546			
TOTAL STATE	315.204	6447.656			

* 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 5 Hrs
MSPGCL Thermal	5817	5804	5752	5562
MSPGCL Hydro	1196	1021	296	306
MSPGCL Gas	289	286	287	306
MSPGCL Total Generation	7302	7111	6335	6174
Central Sector Receipt	5931	5321	5094	4664
WIND	158	204	328	261
CPP / IPP Thermal	4963	4917	4839	4244
CPP / IPP Gas	0	0	0	0
SOLAR	784	927	0	0
Exchange with Mumbai	-961	-1012	-1060	-459
MSEDCL DEMAND MET	18177	17468	15536	14884
Load Shedding	0	0	0	0
MSEDCL DEMAND	18177	17468	15536	14884
TPCL GENERATION	1295	1249	1127	660
AEML GENERATION	503	502	374	374
MUMBAI DEMAND	2759	2763	2561	1493
STATE DEMAND MET	20936	20231	18097	16377
STATE DEMAND	20936	20231	18097	16377
Frequency (Hz)	50.05	49.98	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 17:01 Hrs	49.75 Hz at 05:42 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 22/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.98	42.39	180	145
Unit 7	0.00	0.00	0	0
Unit 8	11.58	225.31	567	370
Unit 9	14.07	239.99	665	460
Unit 10	10.79	225.76	520	341
Total	40.42	733.45		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.97	216.87	500	355
Unit 5	10.14	184.67	500	325
Total	21.12	401.54		
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	4.51	95.35	195	163
Unit 4	4.30	69.98	188	160
Unit 5	9.91	152.56	435	360
Unit 6	0.00	167.41	0	0
Unit 7	8.39	212.10	415	310
Unit 8	0.00	220.49	0	0
Unit 9	11.31	230.69	475	465
Total	38.41	1148.58		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	86.32	241	210
Total	5.50	86.32		
Khaparkheda				
Unit 1	3.84	79.30	165	150
Unit 2	3.81	80.77	160	140
Unit 3	3.96	74.18	175	153
Unit 4	3.91	82.79	170	155
Unit 5	9.89	211.44	445	378
Total	25.41	528.47		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	30.01	0	0
Unit 5	4.16	60.50	197	157
Total	4.16	90.52		
Uran				
All Units	7.01	152.48	307	275
Total	7.01	152.48		
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)	0.03	0.47	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.47		
Koyna				
Stage 1-2	3.03	51.52	405	40
Stage 4	3.43	27.50	938	0
Stage 3	1.62	17.47	240	0
Total	8.08	96.49		
Hydro				
KDPH	0.89	8.75	37	37
VTRNA	0.75	14.31	61	0
TILLARI	0.48	5.54	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.59	80	0
RNGR+BHTSA	0.28	6.66	12	11
BHANDARDRA	0.50	2.88	44	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.96	11.61	41	40
GHATGHAR	1.65	32.93	250	0
Total	5.76	86.27		
Wind				
Total	7.13	210.12	0	0
Total	7.13	210.12		
CPP				
APML(Mus)	74.86	1358.39	0	0
JSWEL(Mus)	24.57	460.50	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)	12.35	279.85	0	0
Total	111.78	2098.74		
SOLAR				
Total	6.32	136.55	0	0
Total	6.32	136.55		
Tata				
Trombay 5	9.28	186.64	485	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	56.18	117	79
Trombay 7B	1.57	33.56	67	55
Trombay 8	5.34	114.38	238	202
TATA Hydro	5.08	74.02	455	0
Total	23.94	464.78		
AEML				
DTPS U-1&2	10.16	213.33	503	373
Total	10.16	213.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.01	2988.89	MSPGCL Total	155.86	3324.14
			MSPGCL Thml+Gas	142.02	3141.37	Koyna 1,2 & 4 Total	6.46	79.03
			MSPGCL Hydro	13.84	182.76	State Total	315.20	6447.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5024	317	306	5647	655	4013	0	0	5147	5398	-631	15082	0	15082	1720	16802	49.94
2	5024	482	295	5801	483	3966	0	0	5057	5110	-465	14895	0	14895	1593	16488	49.97
3	5229	207	305	5741	450	4058	0	0	4995	5089	-452	14886	0	14886	1513	16399	49.95
4	5410	203	294	5907	334	4067	0	0	4975	5135	-445	14998	0	14998	1480	16478	49.91
5	5562	306	306	6174	261	4244	0	0	4872	4664	-459	14884	0	14884	1493	16377	49.97
6	5751	317	296	6364	201	4598	0	0	5297	5298	-478	15983	0	15983	1628	17611	49.88
7	5683	1225	306	7214	155	4698	0	1	5591	5379	-462	16985	0	16985	1857	18842	49.98
8	5687	1794	298	7779	142	4928	0	93	5566	5694	-517	18119	0	18119	2049	20168	50.00
9	5814	1451	307	7572	112	4874	0	328	5503	5588	-705	17769	0	17769	2340	20109	50.02
10	5787	1262	293	7342	144	4960	0	603	5424	5587	-857	17779	0	17779	2592	20371	49.99
11	5817	1196	289	7302	158	4963	0	784	5608	5931	-961	18177	0	18177	2759	20936	50.05
12	5830	1052	287	7169	177	4914	0	892	5734	5863	-1015	18000	0	18000	2814	20814	50.00
13	5804	1021	286	7111	204	4917	0	927	5641	5321	-1012	17468	0	17468	2763	20231	49.98
14	5726	392	275	6393	202	4933	0	885	5613	5651	-995	17069	0	17069	2623	19692	50.00
15	5685	401	284	6370	222	4909	0	756	5640	5794	-974	17077	0	17077	2651	19728	50.02
16	5802	200	282	6284	236	4790	0	585	5643	5884	-1055	16724	0	16724	2652	19376	50.01
17	5875	170	281	6326	240	4806	0	344	5588	5555	-1085	16186	0	16186	2637	18823	49.99
18	5838	150	284	6272	267	4843	0	119	4906	5136	-1051	15586	0	15586	2584	18170	50.01
19	5630	258	287	6175	348	4822	0	5	5269	5104	-1088	15366	0	15366	2560	17926	50.02
20	5752	296	287	6335	328	4839	0	0	5233	5094	-1060	15536	0	15536	2561	18097	50.01
21	5664	323	290	6277	431	4860	0	0	4552	5009	-1006	15571	0	15571	2434	18005	50.04
22	5753	234	290	6277	419	4833	0	0	4707	4614	-982	15162	0	15162	2260	17422	50.05
23	5702	209	291	6202	440	4775	0	0	5062	5124	-921	15620	0	15620	2098	17718	50.02
24	5164	374	291	5829	522	4172	0	0	5305	5239	-796	14966	0	14966	1917	16883	49.94
MUs	135.01	13.84	7.01	155.86	7.13	111.78	0.00	6.32	126.93	128.26	-19.47	389.89	0.00	389.89	53.58	443.47	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 22/Feb/2019

Position as on 6.30 Hrs of 23/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 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	Parli Unit 6	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	Nasik Unit 4	210	08/02/2019	05.18	23/02/2019	14.13	Zero schedule	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Chandrapur Unit-8	500	21/02/2019	19.39		Continued.	BFP common Dischagre	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Feb/2019

Position as on 6.30 Hrs of 23/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Header Leakage Attending work	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	22/02/2019	21.15	22/02/2019	23.22	HT	RED HOTSPOT ATTENDING WORK ON BASE FILTER.
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	18/02/2019	18.16		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	21/02/2019	09.07	22/02/2019	20.32	PO	Insulator Replacement Work
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.
Karad - Jaigad - II	IntraState	21/02/2019	09.46	22/02/2019	09.47	PO	Quarterly Maintainance Work (RFC 18.10 21.02.2019)
Khadka-Aurangabad (Waluj)	IntraState	21/02/2019	20.18	22/02/2019	07.11	HT	Over Voltage
Girwali- Lonikand 2	IntraState	22/02/2019	10.05	22/02/2019	15.03	PO	HARDWARE TIGHTENING & FITTING WORK.
Deepnagar Taptitanda	IntraState	23/02/2019	07.15	23/02/2019	18.44	PO	Replacement of Mid Span Joint
Nagothane - Dabhol-II	IntraState	23/02/2019	10.46		Continued.	PO	Routine maint.work(RFC 19.50Hrs)
Bhusawal-Aurangabad	IntraState	23/02/2019	19.59		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 I @Babhleshwar	IntraState	23/02/2019	08.05	23/02/2019	17.52	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict 1 @Girwali	IntraState	23/02/2019	15.25	23/02/2019	16.15	T	Bus Bar Protection Operated
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	22/02/2019	16.49	PO	Metering C.T.Replacement 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.
TPC Borivali Aarey Line 1	IntraState	22/02/2019	00.39	22/02/2019	06.22	PO	safety purpose for metro work.
Padghe - Nalasopara	IntraState	22/02/2019	09.00	22/02/2019	09.25	T	Distance Protection
Anandnagar - Pal	IntraState	22/02/2019	10.05	22/02/2019	19.05	PO	REPLACEMENT OF EXISTING DISTANCE RELAY.
Mudshingi-Wathar	IntraState	22/02/2019	10.17	22/02/2019	17.38	PO	INSULATOR STRING REPLACEMENT.
Jejuri (400 Kv)- Baramati li	IntraState	22/02/2019	18.22	22/02/2019	20.13	HT	Attending Hot Spot
Loteparshuram- Dasturi Line	IntraState	23/02/2019	09.22	23/02/2019	14.35	PO	Half yearly maintenance work
Trombay - Kalwa	IntraState	23/02/2019	09.30	23/02/2019	13.55	PO	Replacement of Wavetrap Jumper
Kalmeshwar-Pandhurna	IntraState	23/02/2019	09.51	23/02/2019	20.43	PO	Line Maintenance work
Nagothane-Wadkhal-I	IntraState	23/02/2019	10.48	23/02/2019	16.01	PO	Routine Maintenance Work
Tata Borivli MSETCL Borivli 4	IntraState	23/02/2019	11.43	23/02/2019	15.06	PO	To attend Hot Spot

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 22/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 23/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagothane - ACCIL	IntraState	23/02/2019	13.11	23/02/2019	17.54	PO	Line Maintenance work
Nanded-Ghatodi	IntraState	23/02/2019	14.03	23/02/2019	18.10	PO	Line Signature Test
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	23/02/2019	15.25	23/02/2019	16.20	T	Bus Bar Protection Operated
Hingoli- Girawali	IntraState	23/02/2019	15.25	23/02/2019	16.04	T	Bus Bar Protection Operated
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	23/02/2019	15.25		Continued.	T	B Phase CT Burst
Talandge-Hamidwada	IntraState	23/02/2019	18.03	23/02/2019	21.50	T	Tripped on R Phase Earth Fault
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
220/33 Kv 50 Mva Imp Ptr 2 @Sonkar	IntraState	22/02/2019	08.44	22/02/2019	18.25	PO	Attending Oil Leakage
220/22 Kv 50 Mva Alstom Ptr 2 @Taloja	IntraState	22/02/2019	09.55	22/02/2019	16.11	PO	DIAGNOSTIC TESTING.
220/132-110 Kv 100mva Ict 1 @Jath	IntraState	22/02/2019	13.25	22/02/2019	15.25	PO	CT & BUSHING TAN DELTA MEASUREMENT.
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	23/02/2019	08.43	23/02/2019	20.52	PO	Testing Work
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	23/02/2019	13.50	23/02/2019	15.58	PO	Attending Oil Leakage
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	23/02/2019	18.10	23/02/2019	19.58	EO	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.

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