

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.926	127.926	1) Gujrat	3.891	3.891
2) Hydro	7.638	7.638	2) Madhya Pradesh	12.452	12.452
3) Gas	7.244	7.244	3) Chattisgarh	5.650	5.650
Total MSPGCL	142.808	142.808	4) Maharashtra	93.938	93.938
B) 1) APMIL	66.488	66.488	5) Goa (Amona)	-0.572	-0.572
2) JSWEL	20.685	20.685	Total	115.359	115.359
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.436	15.436
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.515	17.515
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	13.776	13.776
6) Other IPP	13.056	13.056	Include PX	-0.723	-0.723
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.436	15.436
C) 1) TPCL Thermal	13.378	13.378	Include PX	4.684	4.684
2) TPCL Hydro	3.820	3.820	Standby	0.000	0.000
3) TPCL Gas	4.052	4.052	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.634	9.634	1) MSEDCL	350.890	350.890
D) STATE			2) Mumbai Discoms	48.400	48.400
1) Thermal	251.167	251.167	TOTAL STATE	399.290	399.290
(A1+C1+C4+(B1-B6))					
2) Hydro	11.458	11.458			
(A2+C2)					
3) Gas	11.296	11.296			
(A3+B7+C3)					
4) Wind	3.957	3.957			
6) SOLAR	6.052	6.052			
TOTAL STATE	283.930	283.930			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5688	5695	5778	5045
MSPGCL Hydro	1435	1061	890	97
MSPGCL Gas	288	285	302	303
MSPGCL Total Generation	7411	7041	6970	5445
Central Sector Receipt	5921	5430	4905	4200
WIND	317	289	88	315
CPP / IPP Thermal	4323	4283	4236	3362
CPP / IPP Gas	0	0	0	0
SOLAR	887	887	1	0
Exchange with Mumbai	-1096	-1017	-886	-434
MSEDCL DEMAND MET	17763	16913	15314	12888
Load Shedding	0	0	0	0
MSEDCL DEMAND	17763	16913	15314	12888
TPCL GENERATION	1151	1146	1196	636
AEML GENERATION	502	501	502	375
MUMBAI DEMAND	2749	2664	2584	1445
STATE DEMAND MET	20512	19577	17898	14333
STATE DEMAND	20512	19577	17898	14333
Frequency (Hz)	50.03	50.03	49.97	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17.02 Hrs	49.67 Hz at 12.42 Hrs	49.98	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 01/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.61	3.61	195	123
Unit 7	0.00	0.00	0	0
Unit 8	10.85	10.85	550	408
Unit 9	11.46	11.46	535	384
Unit 10	6.74	6.74	460	0
Total	32.66	32.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.38	9.38	505	350
Unit 5	0.00	0.00	0	0
Total	9.38	9.38		
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	3.80	3.80	177	119
Unit 4	4.12	4.12	182	160
Unit 5	9.16	9.16	405	355
Unit 6	9.92	9.92	465	365
Unit 7	9.51	9.51	445	351
Unit 8	10.51	10.51	490	364
Unit 9	10.26	10.26	480	360
Total	57.27	57.27		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	3.84	3.84	165	150
Unit 2	3.78	3.78	160	145
Unit 3	3.75	3.75	165	140
Unit 4	3.69	3.69	160	145
Unit 5	9.44	9.44	440	362
Total	24.49	24.49		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.12	4.12	205	159
Unit 5	0.00	0.00	0	0
Total	4.12	4.12		
Uran				
All Units	7.24	7.24	316	284
Total	7.24	7.24		
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)	0.04	0.04	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.04		
Koyna				
Stage 1-2	2.46	2.46	300	40
Stage 4	0.88	0.88	248	0
Stage 3	0.63	0.63	108	0
Total	3.98	3.98		
Hydro				
KDPH	0.44	0.44	19	18
VTRNA	0.76	0.76	61	0
TILLARI	0.42	0.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.22	70	0
RNGR+BHTSA	0.31	0.31	13	12
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	0.43	26	15
GHATGHAR	1.08	1.08	250	0
Total	3.66	3.66		
Wind				
Total	3.96	3.96	0	0
Total	3.96	3.96		
CPP				
APML(Mus)	66.49	66.49	0	0
JSWEL(Mus)	20.68	20.68	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)	13.06	13.06	0	0
Total	100.23	100.23		
SOLAR				
Total	6.05	6.05	0	0
Total	6.05	6.05		
Tata				
Trombay 5	8.09	8.09	469	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	2.53	116	63
Trombay 7B	1.52	1.52	68	50
Trombay 8	5.29	5.29	239	202
TATA Hydro	3.82	3.82	352	0
Total	21.25	21.25		
AEML				
DTPS U-1&2	9.63	9.63	501	373
Total	9.63	9.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.93	127.93	MSPGCL Total	142.81	142.81
			MSPGCL Thml+Gas	135.17	135.17	Koyna 1,2 & 4 Total	3.35	3.35
			MSPGCL Hydro	7.64	7.64	State Total	283.93	283.93

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4682	149	312	5143	227	3628	0	0	3873	4096	-440	12654	0	12654	1503	14157	49.99
2	4636	93	312	5041	154	3571	0	0	3945	3992	-340	12418	0	12418	1387	13805	49.98
3	4652	93	314	5059	149	3611	0	0	3920	4044	-316	12547	0	12547	1326	13873	50.03
4	4652	93	314	5059	132	3571	0	0	4114	3945	-297	12410	0	12410	1297	13707	50.00
5	4711	122	304	5137	121	3583	0	0	4462	4490	-318	13013	0	13013	1319	14332	49.98
6	5285	107	314	5706	145	3920	0	0	4866	4902	-449	14224	0	14224	1452	15676	49.98
7	5489	360	314	6163	188	4534	0	0	5244	5288	-557	15616	0	15616	1683	17299	49.90
8	5630	761	316	6707	211	4676	0	60	5744	5747	-542	16859	0	16859	1895	18754	49.97
9	5596	764	314	6674	263	4935	0	304	5461	5509	-684	17001	0	17001	2173	19174	49.99
10	5649	493	300	6442	343	4934	0	571	5558	5605	-903	16992	0	16992	2400	19392	49.99
11	5592	313	306	6211	253	4712	0	772	5644	6101	-1077	16972	0	16972	2534	19506	50.00
12	5712	832	291	6835	266	4834	0	882	5475	5059	-1092	16784	0	16784	2562	19346	49.97
13	5805	393	286	6484	170	4742	0	912	5303	4997	-1010	16295	0	16295	2516	18811	49.89
14	5635	337	286	6258	159	4455	0	858	4973	4942	-986	15686	0	15686	2371	18057	50.02
15	5665	356	285	6306	123	4191	0	749	5199	5085	-935	15519	0	15519	2355	17874	50.02
16	5580	166	284	6030	114	3967	0	554	5216	5309	-918	15056	0	15056	2348	17404	49.92
17	5548	121	289	5958	101	4006	0	314	5152	4907	-840	14446	0	14446	2355	16801	49.96
18	5441	197	300	5938	79	4117	0	76	4710	4923	-866	14267	0	14267	2342	16609	49.99
19	5543	286	294	6123	69	4161	0	0	4922	5055	-959	14449	0	14449	2380	16829	49.93
20	5514	348	294	6156	102	4157	0	0	4935	5086	-1019	14482	0	14482	2368	16850	49.99
21	5263	242	307	5812	96	4164	0	0	4557	4768	-867	13973	0	13973	2214	16187	50.02
22	5262	473	308	6043	118	4005	0	0	3975	4004	-787	13383	0	13383	2055	15438	49.94
23	5164	393	300	5857	183	3964	0	0	3871	3820	-678	13146	0	13146	1830	14976	49.97
24	5220	146	300	5666	191	3791	0	0	3862	3685	-635	12698	0	12698	1734	14432	50.00
MUs	127.93	7.64	7.24	142.81	3.96	100.23	0.00	6.05	114.98	115.36	-17.52	350.89	0.00	350.89	48.40	399.29	49.98

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 01/Feb/2019

Position as on 6.30 Hrs of 02/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 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 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	
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25	01/02/2019	03.11	Condenser Tube Cleaning Work & PCR.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Feb/2019

Position as on 6.30 Hrs of 02/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		Continued.	Boiler Tube Leakage	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 02/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.
Koradi-RattanIndia	IntraState	31/01/2019	07.15	01/02/2019	09.13	PO	CVT Replacement
Khadka-Aurangabad (Waluj)	IntraState	31/01/2019	18.21	01/02/2019	07.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/02/2019	00.55	01/02/2019	09.13	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	01/02/2019	09.15	01/02/2019	18.59	PO	Stringing of conductor
Deepnagar Taptitanda	IntraState	01/02/2019	09.19	01/02/2019	19.03	PO	Stringing of conductor
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		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.
Bhugaon- Wardha	IntraState	01/02/2019	06.22	01/02/2019	08.00	T	Distance Protection
Bhira Dharavi 8	IntraState	01/02/2019	07.56		Continued.	PO	Tower Erection work
512 Khadki- Century Enka	IntraState	01/02/2019	08.15	01/02/2019	19.25	PO	Construction work
Colourchem - Temghar	IntraState	01/02/2019	09.35	01/02/2019	17.44	PO	Attending Hot Spot
Padghe-Kamba II	IntraState	01/02/2019	09.49	01/02/2019	14.51	EO	Red Hot Attending work
Ghatghar - Jindal	IntraState	01/02/2019	10.08	02/02/2019	20.55	PO	Red Hot Attending work
Jejuri (400 Kv)- Baramati li	IntraState	01/02/2019	10.10	01/02/2019	19.34	PO	Replacement of String

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 01/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 02/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nagothane - Spcl	IntraState	01/02/2019	10.40	01/02/2019	18.40	PO	Isolator maintence work
Wardha Butibori-III	IntraState	01/02/2019	11.21	01/02/2019	18.25	PO	Line Maintenance work
Khaparkheda-Kalmeshwar	IntraState	01/02/2019	13.23	01/02/2019	17.07	T	Distance Protection
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
Chalisgaon -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
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	01/02/2019	08.25	01/02/2019	11.14	PO	Diagnostic Testing
220/22 Kv 50 Mva Areva Ptr 2 @Anandnagar	IntraState	01/02/2019	09.40	01/02/2019	13.50	PO	T/F Conservator Tank Mog Replacement work
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	01/02/2019	14.19	01/02/2019	17.45	PO	Diagnostic testing work
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.
Kaulewada-Gondia-li	IntraState	01/02/2019	09.17	01/02/2019	21.07	PO	Providing of new earth wire and attending loose nut bolts

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