

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.824	125.824	1) Gujrat	2.133	2.133
2) Hydro	6.328	6.328	2) Madhya Pradesh	16.387	16.387
3) Gas	7.163	7.163	3) Chattisgarh	5.510	5.510
Total MSPGCL	139.315	139.315	4) Maharashtra	110.948	110.948
B) 1) APMIL	69.495	69.495	5) Goa (Amona)	-0.440	-0.440
2) JSWEL	20.956	20.956	Total	134.538	134.538
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.537	19.537
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.511	20.511
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.860	9.860
6) Other IPP	11.624	11.624	Include PX	-1.907	-1.907
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.537	19.537
C) 1) TPCL Thermal	12.825	12.825	Include PX	7.928	7.928
2) TPCL Hydro	5.318	5.318	Standby	0.000	0.000
3) TPCL Gas	4.329	4.329	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.076	9.076	1) MSEDCL	368.872	368.872
D) STATE			2) Mumbai Discoms	52.060	52.060
1) Thermal	249.800	249.800	TOTAL STATE	420.932	420.932
(A1+C1+C4+(B1-B6))					
2) Hydro	11.646	11.646			
(A2+C2)					
3) Gas	11.492	11.492			
(A3+B7+C3)					
4) Wind	5.894	5.894			
6) SOLAR	7.561	7.561			
TOTAL STATE	286.393	286.393			

* 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 2 Hrs
MSPGCL Thermal	5393	5346	5341	4880
MSPGCL Hydro	754	646	262	72
MSPGCL Gas	288	287	292	300
MSPGCL Total Generation	6435	6279	5895	5252
Central Sector Receipt	5910	5883	5698	5014
WIND	315	282	192	190
CPP / IPP Thermal	4604	4557	4316	3911
CPP / IPP Gas	0	0	0	0
SOLAR	1015	1040	0	0
Exchange with Mumbai	-1154	-1167	-1039	-491
MSEDCL DEMAND MET	17125	16874	15062	13876
Load Shedding	0	0	0	0
MSEDCL DEMAND	17125	16874	15062	13876
TPCL GENERATION	1182	1144	1118	695
AEML GENERATION	372	374	375	373
MUMBAI DEMAND	2708	2685	2532	1559
STATE DEMAND MET	19833	19559	17594	15435
STATE DEMAND	19833	19559	17594	15435
Frequency (Hz)	49.95	50.04	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 04.34 Hrs	49.72 Hz at 18.11 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 01/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.74	3.74	170	145
Unit 7	0.00	0.00	0	0
Unit 8	9.87	9.87	485	370
Unit 9	0.00	0.00	0	0
Unit 10	11.35	11.35	521	460
Total	24.96	24.96		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.89	8.89	475	350
Unit 5	9.03	9.03	485	350
Total	17.92	17.92		
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	4.36	4.36	197	163
Unit 4	4.26	4.26	190	161
Unit 5	9.57	9.57	430	365
Unit 6	0.00	0.00	0	0
Unit 7	9.03	9.03	403	357
Unit 8	10.72	10.72	500	360
Unit 9	10.13	10.13	480	365
Total	48.07	48.07		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.74	5.74	256	204
Total	5.74	5.74		
Khaparkheda				
Unit 1	3.91	3.91	180	150
Unit 2	3.70	3.70	160	135
Unit 3	3.92	3.92	182	160
Unit 4	3.92	3.92	180	160
Unit 5	9.68	9.68	460	368
Total	25.12	25.12		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.01	4.01	207	158
Unit 5	0.00	0.00	0	0
Total	4.01	4.01		
Uran				
All Units	7.16	7.16	314	286
Total	7.16	7.16		
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	0.00	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.00		
Koyna				
Stage 1-2	2.34	2.34	425	40
Stage 4	0.00	0.00	0	0
Stage 3	0.49	0.49	160	0
Total	2.83	2.83		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.80	0.80	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	0.29	80	0
RNGR+BHTSA	0.29	0.29	13	12
BHANDARDRA	0.47	0.47	42	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.06	3	2
GHATGHAR	1.59	1.59	250	0
Total	3.50	3.50		
Wind				
Total	5.89	5.89	0	0
Total	5.89	5.89		
CPP				
APML(Mus)	69.50	69.50	0	0
JSWEL(Mus)	20.96	20.96	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)	11.62	11.62	0	0
Total	102.08	102.08		
SOLAR				
Total	7.56	7.56	0	0
Total	7.56	7.56		
Tata				
Trombay 5	7.60	7.60	390	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	2.74	117	95
Trombay 7B	1.58	1.58	68	59
Trombay 8	5.23	5.23	225	201
TATA Hydro	5.32	5.32	459	0
Total	22.47	22.47		
AEML				
DTPS U-1&2	9.08	9.08	435	372
Total	9.08	9.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	125.82	125.82	MSPGCL Total	139.32	139.32
			MSPGCL Thml+Gas	132.99	132.99	Koyna 1,2 & 4 Total	2.34	2.34
			MSPGCL Hydro	6.33	6.33	State Total	286.39	286.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Mar/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	4880	67	311	5258	214	3843	0	0	5168	5433	-576	14172	0	14172	1682	15854	50.03
2	4880	72	300	5252	190	3911	0	0	5226	5014	-491	13876	0	13876	1559	15435	50.04
3	4881	82	312	5275	205	3948	0	0	4883	4963	-422	13969	0	13969	1489	15458	50.00
4	4882	112	313	5307	243	3936	0	0	4736	4932	-399	14019	0	14019	1448	15467	50.05
5	4895	86	303	5284	266	3946	0	0	5324	5154	-430	14220	0	14220	1467	15687	50.12
6	5470	75	314	5859	321	4160	0	0	5521	5755	-529	15566	0	15566	1588	17154	50.00
7	5772	413	312	6497	384	4642	0	5	5931	5784	-607	16705	0	16705	1782	18487	49.90
8	5796	253	313	6362	404	4831	0	138	6213	6122	-725	17132	0	17132	1971	19103	49.99
9	5722	181	302	6205	331	4835	0	456	6056	6120	-1086	16861	0	16861	2228	19089	50.02
10	5518	293	304	6115	331	4752	0	745	5817	5728	-1098	16573	0	16573	2488	19061	50.00
11	5528	204	292	6024	359	4762	0	926	5917	5903	-1198	16776	0	16776	2656	19432	50.04
12	5393	754	288	6435	315	4604	0	1015	5821	5910	-1154	17125	0	17125	2708	19833	49.95
13	5346	646	287	6279	282	4557	0	1040	6057	5883	-1167	16874	0	16874	2685	19559	50.04
14	5283	513	287	6083	204	4418	0	990	5831	5595	-1069	16221	0	16221	2518	18739	50.05
15	5175	326	287	5788	210	4059	0	900	5837	6106	-1043	16020	0	16020	2530	18550	50.01
16	5324	420	286	6030	182	4015	0	752	5832	6018	-1032	15965	0	15965	2573	18538	50.00
17	5351	381	287	6019	161	4083	0	428	5662	5710	-1029	15372	0	15372	2566	17938	49.97
18	5315	270	288	5873	191	4219	0	161	5563	5391	-997	14838	0	14838	2502	17340	49.98
19	5352	249	299	5900	191	4304	0	5	5509	5233	-1053	14580	0	14580	2532	17112	49.91
20	5341	262	292	5895	192	4316	0	0	5797	5698	-1039	15062	0	15062	2532	17594	50.02
21	5018	185	294	5497	161	4132	0	0	5522	5485	-943	14332	0	14332	2404	16736	50.06
22	4929	170	305	5404	200	4053	0	0	5509	5647	-914	14390	0	14390	2213	16603	50.03
23	4902	144	294	5340	176	3916	0	0	5547	5643	-803	14272	0	14272	2051	16323	50.01
24	4871	170	293	5334	181	3833	0	0	5108	5311	-707	13952	0	13952	1887	15839	49.96
MUs	125.82	6.33	7.16	139.32	5.89	102.08	0.00	7.56	134.39	134.54	-20.51	368.87	0.00	368.87	52.06	420.93	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 01/Mar/2019

Position as on 6.30 Hrs of 02/Mar/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 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 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.	
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	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Koyana STG-IV Unit-3	250	26/02/2019	10.00		Continued.	Replacement of New NGR Unit.	
MSPGCL	Koradi Unit 9	660	28/02/2019	20.11		Continued.	BTL Super heater zone at penthouse	

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

Statement-VII

Position as on 6.30 Hrs of 02/Mar/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	27/02/2019	17.30		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	01/03/2019	15.11	01/03/2019	16.56	EO	Attending Oil Leakage In Y PH CT.
New Koyna - Dabhol - li	IntraState	26/02/2019	08.25	01/03/2019	08.49	PO	Insulator String Replacement & Cold Washing Insulators.
Khadka-Aurangabad (Waluj)	IntraState	28/02/2019	19.44	01/03/2019	07.49	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/02/2019	22.06		Continued.	HT	Over Voltage
Karad - Lonikand 1	IntraState	01/03/2019	00.30	01/03/2019	02.16	T	Direct Tripped Command Recived at Karad end
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	01/03/2019	12.04	01/03/2019	21.06	PO	Work By Power Grid.
Pune(GIS)-Parli(PG) Ckt 1	IntraState	01/03/2019	12.32	01/03/2019	18.59	PO	Work By Power Grid.
Chandrapur I - Switch I Tie Bay	IntraState	01/03/2019	13.07	01/03/2019	16.53	PO	Routine Maintenance Work & Diagnostic Testing Work.
Khadka-Aurangabad (Waluj)	IntraState	01/03/2019	21.11		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 500 MVA ICT-II @Lonikand 2	IntraState	01/03/2019	08.07	01/03/2019	10.29	PO	CB DCRM.
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	01/03/2019	10.58	01/03/2019	18.37	PO	Bus Bar Scheme Commissioning Work.
400 Kv 105 Mva Cgl Spare Ict @Dhule	IntraState	01/03/2019	11.35	01/03/2019	14.16	PO	Testing Work
400/11.5 KV 95 MVA ST I @ Koradi II	IntraState	01/03/2019	11.45	01/03/2019	14.28	EO	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.
Butibori-Indorama	IntraState	27/02/2019	10.14	01/03/2019	18.20	PO	CB Overhauling.
Khadka-Bhadli-1	IntraState	27/02/2019	17.53	01/03/2019	16.45	HT	Breaker Problem At Bhadli End.
Apta - Bombay Dyeing	IntraState	28/02/2019	10.30		Continued.	PO	CB Replacement work
Chakan (400kv)-Bridgestone	IntraState	01/03/2019	08.21	01/03/2019	16.54	PO	Routine Maintenance Work
Gadchandur - Virur-li	IntraState	01/03/2019	08.45	01/03/2019	13.20	PO	Relay Testing Work & Line Maintenance Work.
Ghatghar - Jindal	IntraState	01/03/2019	09.42	01/03/2019	18.56	PO	Earth Wire Replacement.
Nalasopara-Boisar	IntraState	01/03/2019	09.52	01/03/2019	17.35	PO	Replacement Of Damaged Conductor.
Sonkhar - Trombay	IntraState	01/03/2019	09.56	01/03/2019	10.13	T	B PH E/F 15KA.
Washala - Ghatghar	IntraState	01/03/2019	10.05	01/03/2019	17.52	PO	Earth Wire Replacement.
Warora - Wardha	IntraState	01/03/2019	10.55	01/03/2019	14.48	PO	Diagnostic Testing & Bay Maintenance
Waluj- Padegaon li	IntraState	01/03/2019	14.45	01/03/2019	18.39	PO	To complete Renaining Twin Jumpering Work From Aux Isolator To Aux Bus.
Padghe - Temghar	IntraState	01/03/2019	16.10	01/03/2019	16.30	T	PDR At Padghe End Only.

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/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 02/Mar/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							
220/33 Kv 50 Mva Imp Ptr 1 @Sonkar	IntraState	01/03/2019	08.47	01/03/2019	17.56	PO	Replacement Of Damaged Jumper Of CB To bus Isolator.
220/132 Kv 200 Mva Cgl lct 1 @Boisar-Ii	IntraState	01/03/2019	09.20	01/03/2019	18.19	PO	Bay Maint And Ct Diagnostic Testing Work.
220/22 Kv 50 Mva Bhel Ptr 1 @Kamba	IntraState	01/03/2019	09.58	01/03/2019	14.48	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/10/2018	18.40	01/03/2019	10.57	HT	CB Closed At Pench & In view Of Outage On 132kv Kanhan-Mansar Line.
Mansar Pench	InterState	01/03/2019	13.37		Continued.	HT	CB HT 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