

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Feb/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.034	394.881	1) Gujrat	5.160	16.894
2) Hydro	17.577	28.245	2) Madhya Pradesh	9.956	33.992
3) Gas	5.899	17.020	3) Chattisgarh	4.210	13.940
Total MSPGCL	160.510	440.146	4) Maharashtra	113.613	349.057
B) 1) APMIL	73.991	213.206	5) Goa (Amona)	-0.572	-1.584
2) JSWEL	23.784	68.698	Total	132.367	412.299
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.727	59.856
4) RPL(AMT)	16.986	44.753	b) Mumbai Drawl	25.056	69.062
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.624	83.696
6) Other IPP	15.347	46.438	Include PX	0.026	8.394
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.727	59.856
C) 1) TPCL Thermal	14.513	40.096	Include PX	5.783	18.226
2) TPCL Hydro	4.412	10.159	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.273	15.968	1) MSEDCL	408.948	1200.229
D) STATE			2) Mumbai Discoms	50.254	137.944
1) Thermal	287.928	824.040	TOTAL STATE	459.202	1338.173
(A1+C1+C4+(B1-B6))					
2) Hydro	21.989	38.404			
(A2+C2)					
3) Gas	5.899	19.679			
(A3+B7+C3)					
4) Wind	5.101	25.349			
6) SOLAR	5.918	18.402			
TOTAL STATE	326.835	925.874			

* 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	5773	5774	6147	4792
MSPGCL Hydro	1621	1613	298	76
MSPGCL Gas	269	239	233	235
MSPGCL Total Generation	7663	7626	6678	5103
Central Sector Receipt	6740	6139	5191	4819
WIND	270	224	180	157
CPP / IPP Thermal	5850	5891	5691	4711
CPP / IPP Gas	0	0	0	0
SOLAR	861	968	0	0
Exchange with Mumbai	-1409	-1304	-1308	-661
MSEDCL DEMAND MET	19975	19544	16432	14129
Load Shedding	0	0	0	0
MSEDCL DEMAND	19975	19544	16432	14129
TPCL GENERATION	1017	1016	863	531
AEML GENERATION	248	292	266	195
MUMBAI DEMAND	2674	2612	2437	1387
STATE DEMAND MET	22649	22156	18869	15516
STATE DEMAND	22649	22156	18869	15516
Frequency (Hz)	49.93	49.93	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.01 Hrs	49.71 Hz at 06.12 Hrs	49.96	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 03/Feb/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.62	35.10	570	428
Unit 9	9.98	30.85	520	315
Unit 10	11.78	34.32	530	435
Total	34.38	100.26		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.17	15.29	250	150
Unit 7	5.40	15.64	248	191
Unit 8	2.63	2.63	250	0
Total	13.20	33.56		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.01	11.92	175	155
Unit 5	0.00	0.00	0	0
Unit 6	10.52	30.56	475	360
Unit 7	10.16	29.68	460	365
Unit 8	10.97	31.79	490	360
Unit 9	10.90	32.28	490	360
Total	46.57	136.23		
Paras				
Unit 3	5.08	15.16	245	190
Unit 4	5.40	15.95	250	186
Total	10.48	31.11		
Khaparkheda				
Unit 1	4.06	12.08	185	150
Unit 2	4.29	12.64	195	160
Unit 3	4.51	13.00	200	158
Unit 4	4.51	12.97	200	160
Unit 5	10.82	30.96	500	375
Total	28.20	81.66		
Nasik				
Unit 3	4.05	11.91	190	148
Unit 4	0.15	0.15	88	0
Unit 5	0.00	0.00	0	0
Total	4.20	12.06		
Uran				
All Units	5.90	17.02	277	221
Total	5.90	17.02		
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)	0.56	2.65	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.56	2.65		
Koyna				
Stage 1-2	3.42	7.48	405	30
Stage 4	8.93	10.01	1008	0
Stage 3	2.70	3.69	240	0
Total	15.05	21.17		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.54	1.50	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.26	77	0
RNGR+BHTSA	0.35	0.84	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	0.35	15	13
SMLHY_PTN	0.46	1.35	30	16
GHATGHAR	0.73	2.77	125	0
Total	2.53	7.07		
Wind				
Total	5.10	25.35	0	0
Total	5.10	25.35		
CPP				
APML(Mus)	73.99	213.21	0	0
JSWEL(Mus)	23.78	68.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	16.99	44.75	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.35	46.44	0	0
Total	130.11	373.10		
SOLAR				
Total	5.92	18.40	0	0
Total	5.92	18.40		
Tata				
Trombay 5	9.52	26.00	479	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	1.50	0	0
Trombay 7B	0.00	1.16	0	0
Trombay 8	5.00	14.10	244	173
TATA Hydro	4.41	10.16	294	2
Total	18.92	52.91		
AEML				
DTPS U-1&2	6.27	15.97	449	192
Total	6.27	15.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.03	394.88	MSPGCL Total	160.51	440.15
			MSPGCL Thml+Gas	142.93	411.90	Koyna 1,2 & 4 Total	12.35	17.48
			MSPGCL Hydro	17.58	28.24	State Total	326.84	925.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Feb/2020

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	5043	81	234	5358	264	4710	0	0	4915	4834	-807	14359	0	14359	1560	15919	50.01
2	5054	81	235	5370	174	4717	0	0	4825	5042	-689	14614	0	14614	1444	16058	50.02
3	4792	76	235	5103	157	4711	0	0	4781	4819	-661	14129	0	14129	1387	15516	50.02
4	4796	81	224	5101	169	4688	0	0	4735	4922	-674	14206	0	14206	1361	15567	49.97
5	5204	76	234	5514	155	4771	0	0	4815	5183	-687	14936	0	14936	1373	16309	49.98
6	5695	387	235	6317	173	5010	0	0	5052	5466	-787	16179	0	16179	1507	17686	49.90
7	5951	619	266	6836	191	5474	0	1	5861	5548	-777	17273	0	17273	1740	19013	49.86
8	5908	1175	277	7360	178	5602	0	60	5800	6223	-823	18600	0	18600	1937	20537	49.91
9	5855	1706	276	7837	144	5768	0	275	5603	5846	-1061	18809	0	18809	2209	21018	50.00
10	5821	1561	274	7656	135	5666	0	539	6133	6374	-1259	19111	0	19111	2464	21575	49.97
11	5753	1858	271	7882	168	5862	0	717	6380	6590	-1368	19851	0	19851	2625	22476	49.98
12	5773	1621	269	7663	270	5850	0	861	6932	6740	-1409	19975	0	19975	2674	22649	49.93
13	5774	1613	239	7626	224	5891	0	968	6544	6139	-1304	19544	0	19544	2612	22156	49.93
14	5949	1275	231	7455	268	5869	0	906	6328	6140	-1115	19523	0	19523	2464	21987	49.97
15	6119	1127	221	7467	301	5841	0	706	6389	6243	-1080	19478	0	19478	2485	21963	49.90
16	6219	991	232	7442	307	5836	0	524	6164	5833	-1038	18904	0	18904	2491	21395	49.94
17	6189	1133	232	7554	298	5856	0	275	5583	5504	-1030	18457	0	18457	2490	20947	49.97
18	6167	505	233	6905	193	5853	0	86	5066	5014	-997	17054	0	17054	2454	19508	49.98
19	6147	298	233	6678	180	5691	0	0	5154	5191	-1308	16432	0	16432	2437	18869	49.94
20	6047	587	223	6857	178	5560	0	0	5239	5161	-1429	16327	0	16327	2409	18736	49.96
21	5753	124	234	6111	213	5393	0	0	5047	4941	-1326	15332	0	15332	2283	17615	49.96
22	5627	419	243	6289	248	5051	0	0	4880	5039	-1201	15426	0	15426	2111	17537	50.01
23	5668	104	273	6045	290	5151	0	0	4875	4982	-1190	15278	0	15278	1944	17222	49.98
24	5730	79	275	6084	223	5287	0	0	4793	4593	-1036	15151	0	15151	1793	16944	49.96
MUs	137.03	17.58	5.90	160.51	5.10	130.11	0.00	5.92	131.89	132.37	-25.06	408.95	0.00	408.95	50.25	459.20	49.96

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 03/Feb/2020

Position as on 6.30 Hrs of 04/Feb/2020

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	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44	03/02/2020	12.21	Annual Overhaul	
MSPGCL	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00	04/02/2020	05.02	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	21/01/2020	10.30	03/02/2020	22.00	Zero schedule	
MSPGCL	Uran Unit 6	108	28/01/2020	01.40		Continued.	Routine Operating Hour Equalization Of Units.	
MSPGCL	Uran Unit A0	120	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	31/01/2020	19.10	03/02/2020	10.10	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity Renevoation	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage	
MSPGCL	Koyna Unit 3	70	02/02/2020	08.20		Continued.	Maintenance work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Feb/2020

Position as on 6.30 Hrs of 04/Feb/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 4	70	02/02/2020	08.30		Continued.	Maintenance work	
AEML	AEML Unit 2	250	03/02/2020	18.30		Continued.	M.S Line Strainer Leakage.	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2020

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	02/02/2020	18.51	03/02/2020	07.24	HT	Over Voltage
Dabhol Newkoyna li	InterState	03/02/2020	10.11	03/02/2020	18.49	PO	Cold Washing, Routine maint. Work & Faulty String Replacement Work.
Dhule Sar'Sarovar I	InterState	03/02/2020	12.52		Continued.	PO	Rusted/Damaged Earth Wire Replacement Work.
Khadka-Aurangabad (Waluj)	IntraState	02/02/2020	17.37	03/02/2020	07.25	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/02/2020	20.54		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	02/02/2020	12.58	03/02/2020	07.00	PO	Attending Problem of Scada, 220kv R-Ph CT minor Oil Leakage.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	03/02/2020	17.28	03/02/2020	20.25	EO	Emergency Hot Spot Attending On ICT-2, 29-D Isolator.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	04/02/2020	05.52		Continued.	PO	Oil Leakage & Washing Of ICT.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Trombay - Kalwa	IntraState	27/01/2020	10.54		Continued.	PO	Stringing Work.
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Talandge(400kv)- Ichalkaranji ckt-1	IntraState	03/02/2020	08.08	03/02/2020	17.03	PO	For Replacement Of disc Insulator String With Long Rod Porcelain
Tambati - Adlabs	IntraState	03/02/2020	09.26	03/02/2020	17.35	PO	Distance Protection Relay Replacment.
220kv Halkarni- Tillary	IntraState	03/02/2020	10.02	03/02/2020	13.10	PO	CT & Tan Delta,CB CRM.
Kanhan-Umred 1	IntraState	03/02/2020	10.05	03/02/2020	17.40	PO	Conversion SSN To DSN.
Padghe - Kambha	IntraState	03/02/2020	10.15	03/02/2020	17.35	PO	Breaker Compressor Work.
Talandage(400kv) - Five Star Midc	IntraState	03/02/2020	10.53	03/02/2020	14.41	PO	Quarterly Maintainance Work
Paras-Chikhali Ckt No-I	IntraState	03/02/2020	12.42	03/02/2020	16.50	PO	Line Maintenance work
Bhandara-Sunflag 2	IntraState	03/02/2020	13.30	03/02/2020	19.25	PO	Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 100 MVA ICT II @Vasai-Ii	IntraState	03/02/2020	07.51	03/02/2020	18.40	PO	LV CB Overhauling Work.
220/33kv 25mva Vijay Ptr 2 @Dhule	IntraState	03/02/2020	18.15	03/02/2020	18.45	T	Due To Feeder Fault.

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