

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Mar/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.286	293.043	1) Gujrat	5.509	11.845
2) Hydro	4.869	8.935	2) Madhya Pradesh	13.059	26.924
3) Gas	10.301	19.577	3) Chattisgarh	4.670	8.950
Total MSPGCL	164.456	321.555	4) Maharashtra	131.991	253.788
B) 1) APLM	69.004	136.333	5) Goa (Amona)	-0.550	-0.858
2) JSWEL	15.527	32.056	Total	154.679	300.649
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.864	39.872
4) RPL(AMT)	10.290	20.138	b) Mumbai Drawl	27.023	49.343
5) WPCL	2.614	5.112	c) MSEDCL Bilateral *	32.304	65.774
6) Other IPP	14.714	29.508	Include PX	2.662	6.748
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.864	39.872
C) 1) TPCL Thermal	10.429	22.486	Include PX	8.697	13.640
2) TPCL Hydro	5.595	6.575	Standby	0.000	0.000
3) TPCL Gas	4.443	8.860	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.575	18.673	1) MSEDCL	419.497	827.507
D) STATE			2) Mumbai Discoms	57.065	105.937
1) Thermal	281.439	557.349	TOTAL STATE	476.562	933.444
(A1+C1+C4+(B1-B6))					
2) Hydro	10.464	15.510			
(A2+C2)					
3) Gas	14.744	28.437			
(A3+B7+C3)					
4) Wind	7.770	17.317			
6) SOLAR	7.466	14.182			
TOTAL STATE	321.883	632.795			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6579	6626	6465	5524
MSPGCL Hydro	315	423	213	109
MSPGCL Gas	406	417	425	440
MSPGCL Total Generation	7300	7466	7103	6073
Central Sector Receipt	7686	7548	6233	5016
WIND	216	411	367	319
CPP / IPP Thermal	5163	5065	4834	3976
CPP / IPP Gas	0	0	0	0
SOLAR	1015	687	6	0
Exchange with Mumbai	-1503	-1225	-1368	-685
MSEDCL DEMAND MET	19877	19952	17175	14699
Load Shedding	0	0	0	0
MSEDCL DEMAND	19877	19952	17175	14699
TPCL GENERATION	1084	1112	943	592
AEML GENERATION	375	502	374	372
MUMBAI DEMAND	2962	2839	2685	1649
STATE DEMAND MET	22839	22791	19860	16348
STATE DEMAND	22839	22791	19860	16348
Frequency (Hz)	50.02	49.88	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 21.59 Hrs	49.76 Hz at 14.52 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 02/Mar/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	10.78	20.25	500	407
Unit 9	11.66	22.79	535	405
Unit 10	11.15	21.71	512	400
Total	33.59	64.75		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.50	18.86	460	360
Unit 5	9.30	18.53	455	350
Total	18.80	37.38		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.12	10.14	245	192
Unit 7	4.20	9.24	248	0
Unit 8	5.34	10.62	250	197
Total	14.66	30.00		
Chandrapur				
Unit 3	4.30	8.50	190	163
Unit 4	4.10	8.09	180	160
Unit 5	0.00	0.00	0	0
Unit 6	10.13	19.96	480	355
Unit 7	1.41	1.41	343	0
Unit 8	10.00	20.10	454	360
Unit 9	10.18	19.51	460	360
Total	40.11	77.58		
Paras				
Unit 3	5.63	11.02	253	193
Unit 4	5.69	11.15	257	191
Total	11.32	22.18		
Khaparkheda				
Unit 1	3.82	7.84	170	145
Unit 2	4.23	8.41	190	160
Unit 3	4.37	8.61	200	158
Unit 4	4.20	8.42	195	160
Unit 5	10.14	19.91	460	368
Total	26.75	53.20		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	7.95	199	158
Unit 5	0.00	0.00	0	0
Total	4.05	7.95		
Uran				
All Units	10.30	19.58	454	404
Total	10.30	19.58		
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)	0.01	0.09	10	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	0.09		
Koyna				
Stage 1-2	2.12	4.12	440	40
Stage 4	0.00	0.00	0	0
Stage 3	0.35	0.55	80	0
Total	2.47	4.67		
Hydro				
KDPH	0.89	1.54	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	0.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.25	64	0
RNGR+BHTSA	0.31	0.51	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	0.91	19	18
GHATGHAR	0.21	0.21	125	0
Total	2.40	4.26		
Wind				
Total	7.77	17.32	0	0
Total	7.77	17.32		
CPP				
APML(Mus)	69.00	136.33	0	0
JSWEL(Mus)	15.53	32.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	10.29	20.14	0	0
WPCL(Mus)	2.61	5.11	0	0
Other(Mus)	14.71	29.51	0	0
Total	112.15	223.15		
SOLAR				
Total	7.47	14.18	0	0
Total	7.47	14.18		
Tata				
Trombay 5	5.82	13.48	317	189
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	5.61	119	111
Trombay 7B	1.63	3.25	69	65
Trombay 8	4.61	9.00	242	173
TATA Hydro	5.60	6.58	459	2
Total	20.47	37.92		
AEML				
DTPS U-1&2	9.58	18.67	503	372
Total	9.58	18.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.29	293.04	MSPGCL Total	164.46	321.56
			MSPGCL Thml+Gas	159.59	312.62	Koyna 1,2 & 4 Total	2.12	4.12
			MSPGCL Hydro	4.87	8.94	State Total	321.88	632.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Mar/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	5596	109	435	6140	317	4016	0	0	5446	5733	-908	15298	0	15298	1952	17250	50.00
2	5549	114	447	6110	316	4086	0	0	5591	5198	-808	14902	0	14902	1811	16713	50.01
3	5522	109	428	6059	329	3993	0	0	5334	5133	-710	14804	0	14804	1714	16518	49.99
4	5524	109	440	6073	319	3976	0	0	5180	5016	-685	14699	0	14699	1649	16348	50.00
5	5547	119	451	6117	201	3966	0	0	5635	5338	-715	14907	0	14907	1639	16546	49.98
6	5878	119	441	6438	118	4347	0	0	5971	6309	-807	16405	0	16405	1755	18160	49.98
7	6418	114	454	6986	95	4897	0	0	6619	6491	-797	17672	0	17672	1922	19594	49.99
8	6437	315	443	7195	98	5081	0	108	6607	6819	-796	18505	0	18505	2111	20616	50.04
9	6478	334	440	7252	153	5105	0	420	6646	6528	-990	18468	0	18468	2372	20840	50.04
10	6357	304	439	7100	198	4989	0	734	6928	6646	-1267	18400	0	18400	2679	21079	50.01
11	6446	259	410	7115	217	5034	0	924	7179	7254	-1428	19116	0	19116	2882	21998	49.97
12	6579	315	406	7300	216	5163	0	1015	7687	7686	-1503	19877	0	19877	2962	22839	50.02
13	6558	243	424	7225	269	5037	0	1075	7866	7792	-1537	19861	0	19861	2901	22762	49.94
14	6560	179	406	7145	266	4972	0	1001	7758	7824	-1494	19714	0	19714	2784	22498	49.95
15	6580	248	404	7232	346	5136	0	883	7757	7720	-1361	19956	0	19956	2813	22769	49.88
16	6626	423	417	7466	411	5065	0	687	7575	7548	-1225	19952	0	19952	2839	22791	49.88
17	6657	508	419	7584	385	5069	0	455	7056	6960	-1220	19233	0	19233	2833	22066	49.94
18	6484	123	421	7028	341	4883	0	158	6680	6721	-1362	17769	0	17769	2760	20529	50.00
19	6465	213	425	7103	367	4834	0	6	6271	6233	-1368	17175	0	17175	2685	19860	50.01
20	6440	148	426	7014	484	4830	0	0	6301	6104	-1312	17120	0	17120	2670	19790	50.00
21	6225	123	429	6777	641	4620	0	0	6098	5718	-1289	16467	0	16467	2538	19005	50.04
22	6037	108	431	6576	567	4314	0	0	5981	6143	-1230	16370	0	16370	2389	18759	50.00
23	6052	119	442	6613	558	4336	0	0	6005	5948	-1141	16314	0	16314	2249	18563	50.00
24	6271	114	423	6808	558	4400	0	0	5900	5817	-1070	16513	0	16513	2156	18669	50.00
MUs	149.29	4.87	10.30	164.46	7.77	112.15	0.00	7.47	156.07	154.68	-27.02	419.50	0.00	419.50	57.06	476.56	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 02/Mar/2020

Position as on 6.30 Hrs of 03/Mar/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	
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 10.00 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-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
MSPGCL	Chandrapur Unit 7	500	28/02/2020	13.23	02/03/2020	17.57	Boiler Tube Leakage	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	02/03/2020	05.00	02/03/2020	08.35	Cooling Water Pump Tripped.	
IPP	JSW (J) U2	300	02/03/2020	23.56		Continued.	C W Duct Leakage.	
MSPGCL	Chandrapur Unit 7	500	03/03/2020	02.30		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 03/Mar/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT-II @ Koradi-III	IntraState	02/03/2020	10.55	02/03/2020	15.09	PO	Dew Point Measurement In Circuit Breaker.
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	01/03/2020	17.51	02/03/2020	08.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/03/2020	18.08		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	23/02/2020	15.55	02/03/2020	16.50	EO	To check Trip Faulty indication When Trip.
Deepnagar Taptitanda	IntraState	28/02/2020	17.45	02/03/2020	22.15	T	Distance Protection
Bhusawal-Aurangabad	IntraState	01/03/2020	17.55	02/03/2020	06.11	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	02/03/2020	09.43	02/03/2020	17.48	PO	Quarterly Maintainance Work
Parly(MS)- Nanded ckt I	IntraState	02/03/2020	12.36	02/03/2020	19.06	PO	reactor Testing & CVT Testing.BAY Maint Work.
Bhusawal-Aurangabad	IntraState	02/03/2020	18.00	03/03/2020	05:55	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- 2 @Nagothane	IntraState	02/03/2020	09.12	02/03/2020	19.15	PO	For Bushing Tan Delta & Winding Resistance.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BADNERA - WARDHA (PG) (Deoli)	InterState	02/03/2020	10.02	02/03/2020	17.32	PO	For Measurement Of Tan Delta Of CTs & CRM & Timing Of CB & Line Signature Analysis.
Mudshingi Chikodi	InterState	02/03/2020	19.30	03/03/2020	01.39	T	Distance Protection
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Replacement Line Boxes.
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor
Peth- Mudshingi -I	IntraState	02/03/2020	10.56	02/03/2020	20.27	PO	for Destrining of old earth Wire & Stringing Of New Earth Wire For loc no.112 to 132.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	for Destrining of old earth Wire & Stringing Of New Earth Wire For loc no.112 to 132.
Koyna (Pophali) - Kdph	IntraState	02/03/2020	11.15	02/03/2020	17.10	PO	Outage For Replacement of Conductor At loc.16
Balapur-Malegaon	IntraState	02/03/2020	14.23	02/03/2020	17.47	PO	Diagnostic Testing Work.
SIEMENS - RELIANCE GIS	IntraState	02/03/2020	14.24	02/03/2020	17.38	PO	To Replacement Of Faulty Gas density monitors In EHV Yard

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