

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Feb/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.409	1065.755	1) Gujrat	6.576	42.228
2) Hydro	5.161	65.896	2) Madhya Pradesh	14.098	99.101
3) Gas	9.548	52.505	3) Chattisgarh	4.930	37.320
Total MSPGCL	145.118	1184.156	4) Maharashtra	110.740	932.109
B) 1) APMIL	68.059	567.000	5) Goa (Amona)	-0.506	-3.960
2) JSWEL	21.734	183.105	Total	135.838	1106.798
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.546	159.422
4) RPL(AMT)	15.380	142.151	b) Mumbai Drawl	20.031	182.748
5) WPCL	1.394	1.394	c) MSEDCL Bilateral *	25.657	229.120
6) Other IPP	16.013	127.044	Include PX	1.300	21.945
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.546	159.422
C) 1) TPCL Thermal	12.004	105.038	Include PX	3.567	44.907
2) TPCL Hydro	4.439	33.235	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.093	55.675	1) MSEDCL	402.011	3252.530
D) STATE			2) Mumbai Discoms	45.567	379.355
1) Thermal	274.086	2247.162	TOTAL STATE	447.578	3631.885
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.600	99.131			
3) Gas (A3+B7+C3)	9.548	55.164			
4) Wind	12.989	73.994			
6) SOLAR	5.517	49.636			
TOTAL STATE	311.740	2525.087			

* 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 4 Hrs
MSPGCL Thermal	5901	5629	5494	4977
MSPGCL Hydro	360	388	200	125
MSPGCL Gas	418	394	418	358
MSPGCL Total Generation	6678	6410	6112	5460
Central Sector Receipt	7039	7054	5369	4921
WIND	521	391	414	435
CPP / IPP Thermal	5632	5503	5106	4221
CPP / IPP Gas	0	0	0	0
SOLAR	762	825	1	0
Exchange with Mumbai	-1162	-1074	-1045	-446
MSEDCL DEMAND MET	19470	19110	15958	14591
Load Shedding	0	0	0	0
MSEDCL DEMAND	19470	19110	15958	14591
TPCL GENERATION	819	847	778	496
AEML GENERATION	371	373	372	374
MUMBAI DEMAND	2352	2294	2195	1316
STATE DEMAND MET	21822	21404	18152	15907
STATE DEMAND	21822	21404	18152	15907
Frequency (Hz)	50.00	49.95	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.76 Hz at 10.06 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 08/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	9.73	84.74	454	335
Unit 9	11.34	89.17	540	417
Unit 10	10.16	91.14	480	370
Total	31.22	265.05		
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	5.12	39.29	250	192
Unit 7	5.20	41.69	249	194
Unit 8	5.30	28.94	250	193
Total	15.63	109.92		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.00	31.93	175	160
Unit 5	0.00	0.00	0	0
Unit 6	9.75	81.73	475	360
Unit 7	9.11	78.86	440	314
Unit 8	10.43	84.77	500	360
Unit 9	10.14	82.60	500	360
Total	43.43	359.89		
Paras				
Unit 3	4.98	39.42	233	189
Unit 4	4.55	41.64	247	0
Total	9.52	81.07		
Khaparkheda				
Unit 1	4.04	32.40	185	155
Unit 2	4.12	33.28	190	160
Unit 3	4.28	34.69	200	158
Unit 4	4.19	33.90	195	160
Unit 5	10.04	83.02	475	364
Total	26.68	217.30		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	3.93	20.31	197	155
Unit 5	0.00	0.00	0	0
Total	3.93	32.53		
Uran				
All Units	9.55	52.50	436	347
Total	9.55	52.50		
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)	0.24	3.32	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.24	3.32		
Koyna				
Stage 1-2	1.95	19.50	390	40
Stage 4	0.00	17.06	0	0
Stage 3	0.41	7.95	80	0
Total	2.36	44.50		
Hydro				
KDPH	0.61	2.34	37	19
VTRNA	0.00	0.00	0	0
TILLARI	0.42	3.72	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	1.36	77	0
RNGR+BHTSA	0.35	2.58	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	1.76	15	14
SMLHY_PTN	0.54	4.34	33	19
GHATGHAR	0.32	5.29	125	0
Total	2.80	21.40		
Wind				
Total	12.99	73.99	0	0
Total	12.99	73.99		
CPP				
APML(Mus)	68.06	567.00	0	0
JSWEL(Mus)	21.73	183.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	15.38	142.15	0	0
WPCL(Mus)	1.39	1.39	0	0
Other(Mus)	16.01	127.04	0	0
Total	122.58	1020.69		
SOLAR				
Total	5.52	49.64	0	0
Total	5.52	49.64		
Tata				
Trombay 5	7.68	68.03	436	244
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	4.32	37.01	237	174
TATA Hydro	4.44	33.24	354	6
Total	16.44	140.93		
AEML				
DTPS U-1&2	9.09	55.68	489	371
Total	9.09	55.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.41	1065.76	MSPGCL Total	145.12	1184.16
			MSPGCL Thml+Gas	139.96	1118.26	Koyna 1,2 & 4 Total	1.95	36.55
			MSPGCL Hydro	5.16	65.90	State Total	311.74	2525.09

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5001	130	356	5487	332	4687	0	0	5199	4865	-606	14765	0	14765	1523	16288	50.02
2	4982	125	357	5464	364	4650	0	0	5121	5031	-509	15000	0	15000	1416	16416	50.03
3	4992	130	347	5469	388	4427	0	0	4958	4880	-460	14704	0	14704	1353	16057	50.02
4	4977	125	358	5460	435	4221	0	0	5001	4921	-446	14591	0	14591	1316	15907	49.99
5	4999	130	366	5495	453	4336	0	0	5207	5165	-461	14988	0	14988	1333	16321	50.02
6	5421	135	414	5970	655	4727	0	0	5292	5390	-545	16197	0	16197	1451	17648	50.00
7	5904	131	436	6471	798	5284	0	1	5804	5665	-618	17601	0	17601	1570	19171	50.04
8	5927	131	435	6493	784	5774	0	44	5894	6036	-704	18427	0	18427	1715	20142	49.98
9	5955	207	435	6597	724	5812	0	222	6120	6072	-654	18773	0	18773	1960	20733	49.98
10	5810	372	407	6590	715	5504	0	463	6606	6446	-932	18786	0	18786	2169	20954	49.92
11	5809	394	425	6628	639	5689	0	647	6829	6597	-1116	19084	0	19084	2303	21388	50.02
12	5901	360	418	6678	521	5632	0	762	7463	7039	-1162	19470	0	19470	2352	21822	50.00
13	5629	388	394	6410	391	5503	0	825	6973	7054	-1074	19110	0	19110	2294	21404	49.95
14	5640	276	400	6316	310	5514	0	804	6823	6839	-1016	18766	0	18766	2165	20932	50.00
15	5745	338	400	6482	253	5668	0	738	6777	6769	-986	18924	0	18924	2164	21088	49.98
16	5788	184	403	6374	213	5782	0	536	6662	6515	-955	18466	0	18466	2159	20624	50.01
17	5813	124	395	6332	200	5728	0	360	6168	6012	-947	17684	0	17684	2135	19820	49.98
18	5402	222	407	6032	264	5340	0	114	5642	5529	-981	16298	0	16298	2137	18434	49.98
19	5494	200	418	6112	414	5106	0	1	5437	5369	-1045	15958	0	15958	2195	18152	50.00
20	5389	136	413	5938	594	5120	0	0	5333	4955	-1028	15578	0	15578	2220	17798	50.00
21	5079	114	412	5604	798	4766	0	0	5073	4769	-995	14942	0	14942	2126	17068	49.97
22	4953	458	423	5834	761	4434	0	0	4599	4737	-975	14792	0	14792	1993	16784	49.95
23	4891	238	372	5502	916	4426	0	0	4751	4798	-948	14694	0	14694	1833	16526	49.99
24	4908	114	357	5378	1067	4450	0	0	4890	4385	-868	14412	0	14412	1685	16098	50.04
MUs	130.41	5.16	9.55	145.12	12.99	122.58	0.00	5.52	138.62	135.84	-20.03	402.01	0.00	402.01	45.57	447.58	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 08/Feb/2020

Position as on 6.30 Hrs of 09/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	Chandrapur Unit 5	500	30/01/2020	12.30		Continued.	Annual Maintenance Work.	
TPC-G	Trombay 7B	60	02/02/2020	00.16		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
TPC-G	Trombay 7A	120	02/02/2020	00.34		Continued.	Gas shortage(Converted to Annual overhaul from 00.00Hrs DT. 03-02-2020)	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	08/02/2020	05.56	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-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 04.25Hrs DT. 13-12-2019)	
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	Uran Unit A0	120	28/01/2020	22.03	08/02/2020	04.54	Gas shortage	
MSPGCL	Uran Unit 5	108	28/01/2020	22.03	08/02/2020	22.49	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	31/01/2020	23.59		Continued.	Boiler Validity	
MSPGCL	Nasik Unit 3	210	04/02/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	08/02/2020	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Paras Unit 4	250	08/02/2020	21.29		Continued.	Due to hydrogen leakage.	
MSPGCL	Uran Unit 5	108	09/02/2020	00.15	09/02/2020	00.37	Boiler tripped.	
MSPGCL	Uran Unit 8	108	09/02/2020	03.54		Continued.	Changeover.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 09/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	07/02/2020	12.22	08/02/2020	06.21	PO	Earth Wire replacement work(RFC 19.57Hrs)
Babhaleshwar - Padghe-II	IntraState	07/02/2020	01.59	08/02/2020	06.24	T	Over Voltage
Karad - Talandge Ckt 2	IntraState	07/02/2020	08.08	08/02/2020	09.08	HT	Disc Insulator Replacement Work (RFC 17.32Hrs)
400KV Main Bus-I @400KV Padgha	IntraState	07/02/2020	21.48	09/02/2020	23.30	PO	Bus Conductor Replacement Work.
Deepnagar - Aurangabad	IntraState	08/02/2020	06.54	08/02/2020	14.11	PO	Replacement of dead ends at LOC no. 18-19 at the crossing point of 400KV Khadka-Akola ckt.
Parly(MS)- Nanded ckt II	IntraState	08/02/2020	16.15	08/02/2020	17.09	HT	Carrying out protection trials and taking 50 MVA reactor in service.
Bhusawal-Aurangabad	IntraState	08/02/2020	17.50		Continued.	HT	Over Voltage
Dhule - Ssnul I	IntraState	08/02/2020	18.15	09/02/2020	06.28	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/02/2020	08.32		Continued.	EO	Emergency Rectification Work On Loc No 168(Out of 4 Nos,2 Jumper Conductors Found Broken Near Jumper Cone) Phase To Phase Clearance Lowered.(RFC 20.36Hrs)
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.
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)
PARLY (PG) - OSMANABAD	InterState	09/02/2020	16.03	09/02/2020	19.08	EO	Attending Hot Spot
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.
Chandrapur GCR - Sicom I	IntraState	06/02/2020	10.13		Continued.	PO	TO Carry Out The Work of Replacement of Deteriorated RCC Structure of CT. CC.
Trombay Salsette 1 Backbay	IntraState	07/02/2020	09.33	08/02/2020	18.18	PO	LIFO work at carnac.
New Koyana - Loteparshuram	IntraState	07/02/2020	10.21	08/02/2020	13.06	PO	Tan Delta Measurement of CTs
Uran - Kharghar I	IntraState	08/02/2020	09.10	08/02/2020	16.37	PO	Routine Maintenance Work
Magar Patta City- Serum	IntraState	08/02/2020	10.04	08/02/2020	13.44	PO	Half yearly maintenance work
Chakan-Bhosari	IntraState	08/02/2020	11.12	08/02/2020	18.57	PO	CT Tan Delta measurement, line signature & double jumpering work by lines.
Boisar II - Boisar PG II	IntraState	09/02/2020	06.28	09/02/2020	13.38	EO	Faulty Relay Replacement work
Chakan-Mahindra Vehicle	IntraState	09/02/2020	09.40	09/02/2020	12.51	EO	Meter CT Leakage Attending Work.
Vasai Kamba	IntraState	09/02/2020	09.45	09/02/2020	17.52	PO	Replacement Of PID Faulty Insulator String.
Ranjangaon-Fiat 1	IntraState	09/02/2020	10.50	09/02/2020	15.25	PO	For Diagnostic Testing & Maintenance Work.
Ranjangaon-Fiat 2	IntraState	09/02/2020	15.30	09/02/2020	18.05	PO	For Diagnostic Testing & Maintenance Work.
220 KV ICT Outages/Trippings							
220/22kV 100MVA T/F-I @ Nalasopara	IntraState	03/02/2020	02.25	08/02/2020	10:30	T	Differential protection

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