

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Feb/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.547	1190.302	1) Gujrat	5.442	47.670
2) Hydro	3.925	69.821	2) Madhya Pradesh	13.173	112.274
3) Gas	9.913	62.418	3) Chattisgarh	5.320	42.640
Total MSPGCL	138.385	1322.541	4) Maharashtra	100.190	1032.299
B) 1) APMIL	66.229	633.229	5) Goa (Amona)	-0.352	-4.312
2) JSWEL	21.072	204.177	Total	123.773	1230.571
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.482	174.904
4) RPL(AMT)	9.460	151.611	b) Mumbai Drawl	19.280	202.028
5) WPCL	2.538	3.932	c) MSEDCL Bilateral *	24.653	253.774
6) Other IPP	15.590	142.634	Include PX	0.020	21.964
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.482	174.904
C) 1) TPCL Thermal	10.291	115.329	Include PX	3.887	48.793
2) TPCL Hydro	2.868	36.103	Standby	0.000	0.000
3) TPCL Gas	0.000	2.659	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.953	64.628	1) MSEDCL	386.686	3639.216
D) STATE			2) Mumbai Discoms	41.392	420.747
1) Thermal	258.680	2505.842	TOTAL STATE	428.078	4059.963
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.793	105.924			
3) Gas (A3+B7+C3)	9.913	65.077			
4) Wind	22.332	96.326			
6) SOLAR	6.587	56.223			
TOTAL STATE	304.305	2829.392			

* 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	5478	5566	5039	4899
MSPGCL Hydro	357	300	117	114
MSPGCL Gas	412	421	414	407
MSPGCL Total Generation	6247	6287	5570	5420
Central Sector Receipt	6842	6327	5262	3613
WIND	1160	919	261	1345
CPP / IPP Thermal	5204	5270	4896	4113
CPP / IPP Gas	0	0	0	0
SOLAR	955	974	2	0
Exchange with Mumbai	-1018	-995	-862	-577
MSEDCL DEMAND MET	19390	18782	15129	13914
Load Shedding	0	0	0	0
MSEDCL DEMAND	19390	18782	15129	13914
TPCL GENERATION	598	585	652	434
AEML GENERATION	373	373	373	373
MUMBAI DEMAND	1989	1953	1887	1384
STATE DEMAND MET	21379	20735	17016	15298
STATE DEMAND	21379	20735	17016	15298
Frequency (Hz)	50.00	49.96	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 06.02 Hrs	49.77 Hz at 08.49 Hrs	50	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 09/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	8.36	93.10	414	275
Unit 9	10.96	100.13	505	365
Unit 10	10.24	101.38	490	317
Total	29.56	294.61		
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	4.90	44.18	250	195
Unit 7	4.82	46.51	245	191
Unit 8	5.13	34.07	250	190
Total	14.84	124.76		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.03	35.96	175	160
Unit 5	0.00	0.00	0	0
Unit 6	10.06	91.80	480	360
Unit 7	9.86	88.72	448	360
Unit 8	9.95	94.72	490	360
Unit 9	10.26	92.86	490	360
Total	44.16	404.05		
Paras				
Unit 3	5.08	44.50	250	190
Unit 4	0.00	41.64	0	0
Total	5.08	86.14		
Khaparkheda				
Unit 1	4.06	36.46	185	150
Unit 2	4.19	37.47	195	160
Unit 3	4.31	39.00	200	158
Unit 4	4.19	38.09	200	160
Unit 5	10.23	93.25	490	356
Total	26.97	244.27		
Nasik				
Unit 3	0.00	12.22	0	0
Unit 4	3.94	24.25	167	160
Unit 5	0.00	0.00	0	0
Total	3.94	36.47		
Uran				
All Units	9.91	62.42	436	339
Total	9.91	62.42		
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)	0.17	3.49	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	3.49		
Koyna				
Stage 1-2	1.22	20.72	135	40
Stage 4	0.00	17.06	0	0
Stage 3	0.44	8.39	80	0
Total	1.67	46.17		
Hydro				
KDPH	0.44	2.78	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.42	4.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	1.49	80	0
RNGR+BHTSA	0.34	2.93	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.35	2.12	15	14
SMLHY_PTN	0.56	4.90	34	20
GHATGHAR	0.00	5.29	0	0
Total	2.26	23.65		
Wind				
Total	22.33	96.33	0	0
Total	22.33	96.33		
CPP				
APML(Mus)	66.23	633.23	0	0
JSWEL(Mus)	21.07	204.18	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	9.46	151.61	0	0
WPCL(Mus)	2.54	3.93	0	0
Other(Mus)	15.59	142.63	0	0
Total	114.89	1135.58		
SOLAR				
Total	6.59	56.22	0	0
Total	6.59	56.22		
Tata				
Trombay 5	6.09	74.12	317	225
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	4.20	41.21	177	174
TATA Hydro	2.87	36.10	292	9
Total	13.16	154.09		
AEML				
DTPS U-1&2	8.95	64.63	374	372
Total	8.95	64.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.55	1190.30	MSPGCL Total	138.38	1322.54
			MSPGCL Thml+Gas	134.46	1252.72	Koyna 1,2 & 4 Total	1.22	37.78
			MSPGCL Hydro	3.92	69.82	State Total	304.30	2829.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4899	120	339	5358	1283	4221	0	0	4388	4105	-726	14241	0	14241	1547	15788	50.03
2	4896	110	360	5366	1283	4131	0	0	3967	3762	-620	13922	0	13922	1446	15368	50.03
3	4899	114	407	5420	1345	4113	0	0	3897	3613	-577	13914	0	13914	1384	15298	50.02
4	4901	114	382	5397	1307	4125	0	0	3918	3786	-543	14072	0	14072	1350	15422	49.99
5	4901	109	420	5430	1167	4120	0	0	4462	4318	-558	14477	0	14477	1359	15836	50.02
6	5075	109	435	5619	1227	4232	0	0	4974	5127	-586	15619	0	15619	1428	17047	50.00
7	5573	114	434	6121	1319	4821	0	2	5397	5004	-629	16638	0	16638	1504	18142	50.04
8	5637	114	432	6183	1386	5119	0	74	5729	5394	-715	17441	0	17441	1583	19024	49.98
9	5609	119	420	6148	1423	5432	0	328	5653	5465	-815	17981	0	17981	1714	19695	49.98
10	5651	122	427	6200	1312	5453	0	590	6241	5764	-953	18366	0	18366	1861	20227	49.93
11	5504	161	416	6081	1230	5217	0	815	6417	6338	-1015	18666	0	18666	1955	20621	50.02
12	5478	357	412	6247	1160	5204	0	955	6527	6842	-1018	19390	0	19390	1989	21379	50.00
13	5566	300	421	6287	919	5270	0	974	6316	6327	-995	18782	0	18782	1953	20735	49.96
14	5428	271	408	6107	693	5292	0	949	6363	6096	-982	18155	0	18155	1875	20030	50.00
15	5417	253	408	6078	631	5317	0	842	6410	6308	-940	18236	0	18236	1828	20064	49.98
16	5426	258	406	6090	451	5342	0	599	6328	6298	-791	17989	0	17989	1780	19769	50.01
17	5369	248	408	6025	373	5298	0	347	5843	5475	-758	16760	0	16760	1762	18522	49.98
18	5319	258	423	6000	302	4919	0	110	5334	5118	-777	15672	0	15672	1791	17463	49.98
19	5039	117	414	5570	261	4896	0	2	5293	5262	-862	15129	0	15129	1887	17016	50.00
20	4981	113	436	5530	355	4774	0	0	5284	5094	-928	14825	0	14825	2020	16845	50.00
21	4773	113	417	5303	487	4699	0	0	5194	4732	-901	14320	0	14320	1967	16287	50.03
22	4741	112	426	5279	579	4430	0	0	5045	4859	-911	14236	0	14236	1911	16147	50.05
23	4734	112	430	5276	834	4225	0	0	4668	4480	-886	13929	0	13929	1811	15740	49.99
24	4731	107	432	5270	1005	4239	0	0	4518	4206	-794	13926	0	13926	1687	15613	50.08
MUs	124.55	3.93	9.91	138.38	22.33	114.89	0.00	6.59	128.17	123.77	-19.28	386.69	0.00	386.69	41.39	428.08	50.00

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 09/Feb/2020

Position as on 6.30 Hrs of 10/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	
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	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 09/Feb/2020

Statement-VII

Position as on 6.30 Hrs of 10/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
400KV Main Bus-I @400KV Padgha	IntraState	07/02/2020	21.48	09/02/2020	23.30	PO	Bus Conductor Replacement Work.
Bhusawal-Aurangabad	IntraState	08/02/2020	17.50		Continued.	HT	Over Voltage
Dhule - Ssnnl 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 Foud Broken Near Jumper Cone) Phase To Phase Clearance Lowered.(RFC 20.36Hrs)
Lonikand I - Koyna stage-IV	IntraState	10/02/2020	01.47		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.
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.
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.

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