

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Feb/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.957	482.657	1) Gujrat	-1.370	-4.408
2) Hydro	10.285	24.698	2) Madhya Pradesh	5.459	15.324
3) Gas	6.862	20.409	3) Chattisgarh	6.240	17.750
Total MSPGCL	178.104	527.764	4) Maharashtra	129.457	381.293
B) 1) APLM	55.922	166.627	5) Goa (Amona)	-0.962	-3.269
2) JSWEL	11.929	40.056	Total	138.824	406.690
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.759	54.465
4) RPL(AMT)	26.713	79.808	b) Mumbai Drawl	21.204	59.827
5) WPCL	7.857	22.765	c) MSEDCL Bilateral *	24.966	72.581
6) Other IPP	18.364	55.238	Include PX	-5.058	-15.548
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.759	54.465
C) 1) TPCL Thermal	13.120	39.569	Include PX	2.232	8.445
2) TPCL Hydro	2.407	9.419	Standby	0.000	0.000
3) TPCL Gas	3.867	11.595	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.753	28.432	1) MSEDCL	436.144	1295.946
D) STATE			2) Mumbai Discoms	50.351	148.841
1) Thermal	304.615	915.152	TOTAL STATE	486.495	1444.787
(A1+C1+C4+(B1-B6))					
2) Hydro	12.692	34.117			
(A2+C2)					
3) Gas	10.729	32.004			
(A3+B7+C3)					
4) Wind	11.769	34.194			
6) SOLAR	7.866	22.631			
TOTAL STATE	347.671	1038.098			

* 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	6835	6837	6811	6190
MSPGCL Hydro	740	270	518	108
MSPGCL Gas	278	268	280	304
MSPGCL Total Generation	7854	7376	7610	6602
Central Sector Receipt	7234	7129	5092	5013
WIND	503	459	279	581
CPP / IPP Thermal	5623	5468	5587	4219
CPP / IPP Gas	0	0	0	0
SOLAR	1103	1168	3	0
Exchange with Mumbai	-1032	-1109	-862	-583
MSEDCL DEMAND MET	21284	20490	17708	15833
Load Shedding	0	0	0	0
MSEDCL DEMAND	21284	20490	17708	15833
TPCL GENERATION	1048	886	1067	617
AEML GENERATION	500	502	502	284
MUMBAI DEMAND	2580	2497	2431	1484
STATE DEMAND MET	23864	22988	20140	17317
STATE DEMAND	23864	22988	20140	17317
Frequency (Hz)	50.04	49.97	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22.01 Hrs	49.79 Hz at 12.52 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 03/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.21	0	0
Unit 7	0.00	5.60	0	0
Unit 8	12.04	34.94	560	386
Unit 9	11.95	34.32	555	401
Unit 10	11.49	33.85	510	435
Total	35.49	114.91		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.90	30.80	480	330
Unit 5	11.00	30.82	475	450
Total	21.90	61.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.36	16.09	250	195
Unit 7	5.36	15.92	248	194
Unit 8	5.57	16.64	250	200
Total	16.28	48.64		
Chandrapur				
Unit 3	3.76	10.98	170	125
Unit 4	3.44	10.54	163	121
Unit 5	10.01	29.06	445	275
Unit 6	9.74	28.34	440	285
Unit 7	8.46	24.79	374	290
Unit 8	11.50	33.50	484	473
Unit 9	11.34	33.04	489	458
Total	58.24	170.25		
Paras				
Unit 3	5.34	15.58	245	130
Unit 4	5.63	16.28	250	186
Total	10.97	31.85		
Khaparkheda				
Unit 1	3.05	9.42	145	110
Unit 2	3.54	10.62	165	115
Unit 3	4.34	12.90	200	135
Unit 4	3.88	12.14	195	130
Unit 5	0.00	0.00	0	0
Total	14.82	45.08		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.26	10.31	193	120
Unit 5	0.00	0.00	0	0
Total	3.26	10.31		
Uran				
All Units	6.86	20.41	315	257
Total	6.86	20.41		
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)	0.52	1.53	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.52	1.53		
Koyna				
Stage 1-2	3.66	7.80	485	40
Stage 4	1.52	3.01	250	0
Stage 3	1.20	2.34	160	0
Total	6.39	13.14		
Hydro				
KDPH	0.44	1.98	19	19
VTRNA	0.44	1.34	60	0
TILLARI	0.23	1.06	45	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.45	40	0
RNGR+BHTSA	0.36	1.07	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	1.47	21	20
GHATGHAR	1.73	4.19	250	0
Total	3.90	11.56		
Wind				
Total	11.77	34.19	0	0
Total	11.77	34.19		
CPP				
APML(Mus)	55.92	166.63	0	0
JSWEL(Mus)	11.93	40.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	26.71	79.81	0	0
WPCL(Mus)	7.86	22.76	0	0
Other(Mus)	18.36	55.24	0	0
Total	120.78	364.49		
SOLAR				
Total	7.87	22.63	0	0
Total	7.87	22.63		
Tata				
Trombay 5	8.85	26.62	449	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	7.20	100	100
Trombay 7B	1.47	4.40	62	60
Trombay 8	4.27	12.95	233	136
TATA Hydro	2.41	9.42	315	0
Total	19.39	60.58		
AEML				
DTPS U-1&2	9.75	28.43	502	283
Total	9.75	28.43		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.96	482.66	MSPGCL Total	178.10	527.76
			MSPGCL Thml+Gas	167.82	503.07	Koyna 1,2 & 4 Total	5.19	10.80
			MSPGCL Hydro	10.28	24.70	State Total	347.67	1038.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Feb/2021

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	6609	184	293	7086	469	4216	0	0	5236	5149	-781	16138	0	16138	1706	17844	49.99
2	6338	104	294	6736	520	4213	0	0	5302	5134	-697	15905	0	15905	1600	17505	50.00
3	6134	94	293	6520	559	4214	0	0	5231	5138	-633	15798	0	15798	1534	17332	50.00
4	6190	108	304	6602	581	4219	0	0	5238	5013	-583	15833	0	15833	1484	17317	50.01
5	6247	94	294	6634	726	4204	0	0	5253	5491	-598	16458	0	16458	1497	17955	50.00
6	6824	128	295	7248	880	4296	0	0	5479	5567	-685	17305	0	17305	1587	18892	50.01
7	6902	174	294	7370	994	5000	0	3	5894	5685	-699	18352	0	18352	1683	20035	50.00
8	7013	428	295	7736	851	5482	0	116	5936	5897	-590	19493	0	19493	1874	21367	50.00
9	7004	702	315	8020	491	5601	0	418	5941	5984	-632	19882	0	19882	2138	22020	50.00
10	6960	1092	293	8344	363	5620	0	733	6300	6483	-772	20771	0	20771	2386	23157	50.02
11	6898	898	270	8066	467	5626	0	981	6854	6997	-885	21252	0	21252	2543	23795	50.02
12	6835	740	278	7854	503	5623	0	1103	7264	7234	-1032	21284	0	21284	2580	23864	50.04
13	6837	270	268	7376	459	5468	0	1168	7199	7129	-1109	20490	0	20490	2497	22988	49.97
14	6713	580	276	7568	329	5244	0	1092	6835	6932	-1201	19964	0	19964	2410	22374	49.96
15	6763	770	257	7790	201	5507	0	951	6526	6667	-1111	20005	0	20005	2430	22435	50.03
16	6730	634	287	7652	177	5556	0	723	6814	6863	-998	19972	0	19972	2425	22397	49.98
17	6752	700	267	7720	156	5573	0	444	6499	6216	-985	19124	0	19124	2405	21528	50.00
18	6787	862	269	7918	152	5551	0	131	5411	5240	-982	18011	0	18011	2401	20412	50.05
19	6811	518	280	7610	279	5587	0	3	5026	5092	-862	17708	0	17708	2431	20140	50.03
20	6884	284	291	7458	391	5600	0	0	5077	4952	-1000	17402	0	17402	2422	19824	50.05
21	6826	278	281	7386	553	5373	0	0	4509	4445	-1221	16535	0	16535	2284	18819	50.02
22	6761	264	293	7318	568	4614	0	0	5227	5106	-1184	16422	0	16422	2154	18576	50.04
23	6603	244	282	7130	549	4213	0	0	5439	5201	-1032	16061	0	16061	2002	18063	50.00
24	6536	134	293	6964	551	4187	0	0	5481	5209	-932	15978	0	15978	1878	17856	50.03
MUs	160.96	10.28	6.86	178.10	11.77	120.79	0.00	7.87	139.97	138.82	-21.20	436.14	0.00	436.14	50.35	486.50	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 03/Feb/2021

Position as on 6.30 Hrs of 04/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	23/11/2020	08.00		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 5	500	01/01/2021	23.13		Continued.	Annual Overhaul	
IPP	JSW (J) U4	300	28/01/2021	01.34		Continued.	Annual Overhaul	
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	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	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020)	
IPP	Adani U-5	660	18/01/2021	21.00		Continued.	zero scheduled	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.18.04.21)	
MSPGCL	Bhusawal Unit 3	210	26/01/2021	00.00		Continued.	Zero schedule.	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Koradi Unit 6	210	02/02/2021	20.30		Continued.	ZERO Schedule by MSEDCL	
MSPGCL	Koradi Unit 7	210	02/02/2021	20.50		Continued.	ZERO Schedule by MSEDCL	
AEML	AEML Unit 2	250	04/02/2021	06.14		Continued.	Tripped	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 04/Feb/2021

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	02/02/2021	19.48	03/02/2021	06.35	HT	Over Voltage
Dabhol Nagothane II	InterState	03/02/2021	04.33		Continued.	T	DT Received at Nagothane end
Dhule Sar'Sarovar I	InterState	03/02/2021	20.22	04/02/2021	06.16	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	03/02/2021	15.02	03/02/2021	18.24	PO	Replacement Burnt Jaw of Line Isolator
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
ALKUD - MENDHEGIRI CKT - 2	IntraState	12/01/2021	11.00		Continued.	PO	CT,PT,ABT Meter and testing work
Trombay - Kalwa	IntraState	03/02/2021	08.30	03/02/2021	18.36	PO	OPGW Stringing work
Trombay Carnac 5	IntraState	03/02/2021	10.00	03/02/2021	12.30	T	Replacement of 29C GOD damaged clamp
Kharepatan -Pawas Line	IntraState	03/02/2021	10.08	03/02/2021	15.17	PO	Replacement of Y Phase CT
Ongc Uran - Jnpt	IntraState	03/02/2021	11.00	03/02/2021	18.50	PO	Routine Maintenance Work
Uran - Ongc Uran	IntraState	03/02/2021	11.02	03/02/2021	18.20	PO	Routine Maintenance Work
Chandrapur GCR - Sicom I	IntraState	03/02/2021	11.57	03/02/2021	17.33	PO	Tightening of Corona Ring Nut Bolts
Wardha-Yeotmal	IntraState	03/02/2021	12.29	03/02/2021	15.55	PO	Testing Work
Hingoli- Girawali	IntraState	03/02/2021	16.20	03/02/2021	19.44	PO	Line Maintenance work
220KV Chalisagaon-Kopergaon	IntraState	03/02/2021	18.16	04/02/2021	00.40	PO	Replacement of R Phase CT
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	29/01/2021	11.20		Continued.	PO	Diagnostic Testing Work.
220/33kv 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	03/02/2021	08.18		Continued.	PO	33KV AIS to GIS work
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	03/02/2021	10.36	03/02/2021	13.28	T	Tripped on OSR
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	03/02/2021	11.34		Continued.	PO	Commissioning of New T/F Protector(Fire Protection scheme)
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	03/02/2021	12.18	03/02/2021	17.07	EO	Attending Oil Leakage
220/132 Kv 200mva Vijay Ict 2 @Jalna	IntraState	03/02/2021	12.46	03/02/2021	17.41	PO	LA Replacement work
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	03/02/2021	16.16	03/02/2021	20.18	PO	Checking cable of OSR

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