

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Feb/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	159.038	641.695	1) Gujrat	-1.375	-5.783
2) Hydro	13.480	38.178	2) Madhya Pradesh	6.530	21.854
3) Gas	6.884	27.293	3) Chattisgarh	6.290	24.040
Total MSPGCL	179.402	707.166	4) Maharashtra	129.738	511.031
B) 1) APML	56.007	222.634	5) Goa (Amona)	-1.029	-4.298
2) JSWEL	11.791	51.847	Total	140.154	546.844
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.843	77.308
4) RPL(AMT)	27.543	107.351	b) Mumbai Drawl	23.544	83.371
5) WPCL	8.058	30.823	c) MSEDCL Bilateral *	26.243	98.824
6) Other IPP	18.690	73.928	Include PX	-4.069	-19.617
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.796	73.261
C) 1) TPCL Thermal	13.762	53.331	Include PX	3.182	11.628
2) TPCL Hydro	2.802	12.221	Standby	4.047	4.047
3) TPCL Gas	3.864	15.459	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.808	34.240	1) MSEDCL	435.948	1731.894
D) STATE			2) Mumbai Discoms	49.780	198.621
1) Thermal	300.697	1215.849	TOTAL STATE	485.728	1930.515
(A1+C1+C4+(B1-B6))					
2) Hydro	16.282	50.399			
(A2+C2)					
3) Gas	10.748	42.752			
(A3+B7+C3)					
4) Wind	9.896	44.090			
6) SOLAR	7.951	30.582			
TOTAL STATE	345.574	1383.672			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6756	6828	6860	6186
MSPGCL Hydro	1410	686	686	98
MSPGCL Gas	280	278	291	294
MSPGCL Total Generation	8446	7792	7836	6578
Central Sector Receipt	7008	7100	5015	5101
WIND	465	118	139	542
CPP / IPP Thermal	5601	5536	5668	4211
CPP / IPP Gas	0	0	0	0
SOLAR	984	1150	0	0
Exchange with Mumbai	-1171	-1220	-1058	-719
MSEDCL DEMAND MET	21334	20476	17600	15712
Load Shedding	0	0	0	0
MSEDCL DEMAND	21334	20476	17600	15712
TPCL GENERATION	1099	1045	1065	613
AEML GENERATION	250	250	249	285
MUMBAI DEMAND	2520	2515	2372	1617
STATE DEMAND MET	23854	22990	19972	17330
STATE DEMAND	23854	22990	19972	17330
Frequency (Hz)	50.03	50.01	50.08	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.78 Hz at 06.26 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 04/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	11.79	46.73	520	423
Unit 9	11.62	45.94	547	331
Unit 10	11.39	45.25	520	430
Total	34.81	149.72		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.51	41.30	480	285
Unit 5	10.24	41.05	465	290
Total	20.74	82.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.52	21.61	250	197
Unit 7	5.36	21.28	248	191
Unit 8	5.39	22.03	250	189
Total	16.27	64.91		
Chandrapur				
Unit 3	3.59	14.57	163	119
Unit 4	3.37	13.91	160	127
Unit 5	9.40	38.47	445	284
Unit 6	9.58	37.92	440	290
Unit 7	8.42	33.20	376	284
Unit 8	11.40	44.89	485	460
Unit 9	10.72	43.76	460	430
Total	56.48	226.72		
Paras				
Unit 3	5.66	21.23	255	162
Unit 4	5.67	21.94	252	161
Total	11.32	43.17		
Khaparkheda				
Unit 1	3.34	12.76	150	120
Unit 2	3.72	14.34	170	115
Unit 3	4.54	17.44	205	135
Unit 4	4.23	16.36	202	130
Unit 5	0.00	0.00	0	0
Total	15.83	60.91		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.58	13.89	195	125
Unit 5	0.00	0.00	0	0
Total	3.58	13.89		
Uran				
All Units	6.88	27.29	305	266
Total	6.88	27.29		
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)	0.44	1.98	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.44	1.98		
Koyna				
Stage 1-2	3.60	11.40	550	40
Stage 4	4.79	7.80	745	0
Stage 3	1.96	4.30	240	0
Total	10.36	23.50		
Hydro				
KDPH	0.44	2.42	19	19
VTRNA	0.34	1.69	59	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	0.63	40	0
RNGR+BHTSA	0.36	1.43	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	1.92	19	18
GHATGHAR	1.34	5.53	250	0
Total	3.12	14.68		
Wind				
Total	9.90	44.09	0	0
Total	9.90	44.09		
CPP				
APML(Mus)	56.01	222.63	0	0
JSWEL(Mus)	11.79	51.85	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.54	107.35	0	0
WPCL(Mus)	8.06	30.82	0	0
Other(Mus)	18.69	73.93	0	0
Total	122.09	486.58		
SOLAR				
Total	7.95	30.58	0	0
Total	7.95	30.58		
Tata				
Trombay 5	9.23	35.85	448	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	9.60	100	100
Trombay 7B	1.46	5.86	61	61
Trombay 8	4.53	17.48	232	136
TATA Hydro	2.80	12.22	352	0
Total	20.43	81.01		
AEML				
DTPS U-1&2	5.81	34.24	286	147
Total	5.81	34.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	159.04	641.70	MSPGCL Total	179.40	707.17
			MSPGCL Thml+Gas	165.92	668.99	Koyna 1,2 & 4 Total	8.40	19.20
			MSPGCL Hydro	13.48	38.18	State Total	345.57	1383.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	6246	94	293	6632	558	4205	0	0	5358	5188	-809	15774	0	15774	1731	17506	50.04
2	6186	98	294	6578	542	4211	0	0	5417	5101	-719	15712	0	15712	1617	17330	50.02
3	5819	92	304	6216	685	4230	0	0	5364	5315	-648	15798	0	15798	1547	17344	49.99
4	5742	98	294	6134	893	4231	0	0	5365	5451	-601	16108	0	16108	1498	17606	49.99
5	5782	98	305	6184	821	4231	0	0	5428	5677	-598	16316	0	16316	1499	17814	49.97
6	6719	92	295	7106	825	4558	0	0	5610	5602	-682	17410	0	17410	1582	18992	49.99
7	6891	272	294	7456	826	4934	0	15	6127	5872	-836	18268	0	18268	1705	19972	49.93
8	6906	1052	305	8264	694	5326	0	100	5933	5831	-783	19432	0	19432	1875	21306	49.93
9	6805	1394	294	8494	569	5544	0	420	5959	5974	-906	20094	0	20094	2130	22224	50.02
10	6732	1432	293	8458	609	5591	0	735	6365	6391	-1070	20714	0	20714	2361	23074	50.03
11	6756	1410	280	8446	465	5601	0	984	6638	7008	-1171	21334	0	21334	2520	23854	50.03
12	6809	1100	279	8188	251	5590	0	1117	7037	6946	-1164	20928	0	20928	2547	23476	50.04
13	6828	686	278	7792	118	5536	0	1150	7194	7100	-1220	20476	0	20476	2515	22990	50.01
14	6881	618	266	7764	63	5527	0	1112	6615	6635	-1187	19914	0	19914	2383	22298	50.00
15	6866	476	267	7610	76	5510	0	1003	6959	6860	-1225	19834	0	19834	2375	22208	49.97
16	6815	1020	266	8100	52	5580	0	731	6777	6609	-1246	19826	0	19826	2391	22218	49.94
17	6792	986	278	8056	86	5614	0	435	6292	6200	-953	19438	0	19438	2385	21822	49.94
18	6857	750	268	7874	54	5626	0	149	5506	5355	-981	18078	0	18078	2353	20430	50.03
19	6860	686	291	7836	139	5668	0	0	4895	5015	-1058	17600	0	17600	2372	19972	50.08
20	6879	550	291	7720	138	5645	0	0	4894	5033	-1058	17478	0	17478	2370	19848	50.04
21	6813	176	271	7260	231	5503	0	0	5068	5011	-1264	16742	0	16742	2226	18968	50.04
22	6711	112	292	7116	343	4963	0	0	5443	5366	-1263	16524	0	16524	2077	18602	50.03
23	6675	92	293	7060	452	4454	0	0	5422	5118	-1112	15972	0	15972	1922	17894	50.03
24	6668	96	293	7058	406	4211	0	0	5344	5496	-990	16180	0	16180	1799	17980	50.03
MUs	159.04	13.48	6.88	179.40	9.90	122.09	0.00	7.95	141.01	140.15	-23.54	435.95	0.00	435.95	49.78	485.73	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 04/Feb/2021

Position as on 6.30 Hrs of 05/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.	condenser problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 05/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
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
Dhule Sar'Sarovar I	InterState	04/02/2021	19.16		Continued.	HT	Over Voltage
Karad - Lonikand 1	IntraState	04/02/2021	09.38	04/02/2021	18.12	PO	DT/Routine Maintenance & Routine Line maintenance work.
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
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 - Mulund	IntraState	01/02/2021	06.25		Continued.	PO	Replacement of conductor by HTLS Conductor.
220KV Chalisagaon-Kopergaon	IntraState	03/02/2021	18.16	04/02/2021	00.40	PO	Replacement of R Phase CT.
Trombay-Salsette II	IntraState	04/02/2021	00.01	04/02/2021	05.37	PO	For Metro 4 Pier casting work.
Chandrapur(MIDC)-Ballarshah II	IntraState	04/02/2021	08.24	04/02/2021	20.07	PO	Suspension clamp of pilot string.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	04/02/2021	08.28	04/02/2021	20.02	PO	Suspension clamp of pilot string.
Chakan (400kv)-Bridgestone	IntraState	04/02/2021	09.00	04/02/2021	22.30	PO	CB Overhauling work. and Bay maintenance.
Koyna (Pophali) - Kdph	IntraState	04/02/2021	09.20	04/02/2021	19.00	PO	For cold washing of polymer insulator strings.
Koradi-Butibori Rly Tss	IntraState	04/02/2021	10.30	04/02/2021	17.21	T	Flashover disc Replacement.
Pusad - Hingoli	IntraState	04/02/2021	10.55	04/02/2021	14.15	PO	Replacement of b & y ph flashover string at loc no 124.
Ongc Uran - Jnpt	IntraState	04/02/2021	11.05	04/02/2021	17.45	PO	For Metering C.T,P.T Meggaring Work at ONGC End.
Bhosari 2 - Telco	IntraState	04/02/2021	11.36	04/02/2021	18.20	PO	Annual relay testing work & CT tan delta measurement & half yearly maintenance.
Chandrapur GCR - Wani	IntraState	04/02/2021	16.22	04/02/2021	19.17	T	Attending Hot Spot
Pusad-WardhaPG(Deoli)	IntraState	04/02/2021	17.41	04/02/2021	19.29	T	Set right the disconnected dropper between wave trap foundation and top conductor at wardha pg end.
Lamboti(solapur)-Karkamb	IntraState	05/02/2021	02.03		Continued.	T	Distance Protection
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 200 Mva Emco Ict 2 @Ambazari	IntraState	03/02/2021	11.34		Continued.	PO	Commissioning of New T/F Protector(Fire Protection scheme)

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