

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Feb/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	161.513	321.700	1) Gujrat	-1.409	-3.038
2) Hydro	7.828	14.413	2) Madhya Pradesh	5.201	9.865
3) Gas	6.740	13.547	3) Chattisgarh	5.620	11.510
Total MSPGCL	176.081	349.660	4) Maharashtra	126.655	251.836
B) 1) APLM	54.848	110.705	5) Goa (Amona)	-1.243	-2.307
2) JSWEL	11.034	28.127	Total	134.824	267.866
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.674	35.706
4) RPL(AMT)	27.230	53.095	b) Mumbai Drawl	19.711	38.623
5) WPCL	7.615	14.908	c) MSEDCL Bilateral *	22.514	47.615
6) Other IPP	18.574	36.874	Include PX	-5.957	-10.490
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.674	35.706
C) 1) TPCL Thermal	13.930	26.449	Include PX	3.363	6.214
2) TPCL Hydro	2.927	7.012	Standby	0.000	0.000
3) TPCL Gas	3.857	7.728	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.660	18.679	1) MSEDCL	431.726	859.802
D) STATE			2) Mumbai Discoms	50.084	98.490
1) Thermal	304.404	610.537	TOTAL STATE	481.810	958.292
(A1+C1+C4+(B1-B6))					
2) Hydro	10.755	21.425			
(A2+C2)					
3) Gas	10.597	21.275			
(A3+B7+C3)					
4) Wind	13.334	22.425			
6) SOLAR	7.897	14.765			
TOTAL STATE	346.987	690.427			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7084	7132	7216	5280
MSPGCL Hydro	468	272	244	117
MSPGCL Gas	267	266	290	294
MSPGCL Total Generation	7818	7670	7750	5691
Central Sector Receipt	7177	6673	4744	5214
WIND	506	462	395	870
CPP / IPP Thermal	5536	5252	5422	4248
CPP / IPP Gas	0	0	0	0
SOLAR	1135	1133	0	0
Exchange with Mumbai	-901	-1045	-911	-559
MSEDCL DEMAND MET	21271	20146	17400	15464
Load Shedding	0	0	0	0
MSEDCL DEMAND	21271	20146	17400	15464
TPCL GENERATION	1167	983	1111	616
AEML GENERATION	499	499	386	284
MUMBAI DEMAND	2567	2527	2408	1459
STATE DEMAND MET	23838	22673	19808	16923
STATE DEMAND	23838	22673	19808	16923
Frequency (Hz)	50.02	49.95	50.05	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 22.02 Hrs	49.74 Hz at 07.13 Hrs	49.98	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/Feb/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.87	6.21	180	0
Unit 7	2.48	5.60	140	0
Unit 8	11.10	22.89	551	371
Unit 9	11.09	22.37	525	363
Unit 10	10.92	22.36	520	370
Total	38.45	79.42		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.22	19.90	480	280
Unit 5	10.12	19.81	475	280
Total	20.34	39.71		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	10.73	250	195
Unit 7	5.20	10.56	248	194
Unit 8	5.54	11.07	250	198
Total	16.00	32.35		
Chandrapur				
Unit 3	3.81	7.22	172	126
Unit 4	3.61	7.11	154	147
Unit 5	9.76	19.06	450	275
Unit 6	9.60	18.59	440	280
Unit 7	8.33	16.33	370	296
Unit 8	11.22	22.00	490	325
Unit 9	11.02	21.69	483	327
Total	57.34	112.01		
Paras				
Unit 3	5.45	10.24	257	152
Unit 4	5.41	10.64	249	153
Total	10.86	20.89		
Khaparkheda				
Unit 1	3.24	6.38	145	115
Unit 2	3.60	7.08	165	115
Unit 3	4.37	8.56	200	142
Unit 4	4.10	8.25	198	130
Unit 5	0.00	0.00	0	0
Total	15.30	30.27		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.22	7.05	188	124
Unit 5	0.00	0.00	0	0
Total	3.22	7.05		
Uran				
All Units	6.74	13.55	294	265
Total	6.74	13.55		
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)	0.48	1.02	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.48	1.02		
Koyna				
Stage 1-2	2.49	4.13	395	40
Stage 4	0.72	1.48	242	0
Stage 3	0.66	1.14	160	0
Total	3.87	6.75		
Hydro				
KDPH	0.65	1.54	37	19
VTRNA	0.45	0.91	60	0
TILLARI	0.46	0.83	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	0.25	40	0
RNGR+BHTSA	0.36	0.71	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	0.98	21	20
GHATGHAR	1.37	2.45	250	0
Total	3.96	7.66		
Wind				
Total	13.33	22.42	0	0
Total	13.33	22.42		
CPP				
APML(Mus)	54.85	110.70	0	0
JSWEL(Mus)	11.03	28.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.23	53.10	0	0
WPCL(Mus)	7.62	14.91	0	0
Other(Mus)	18.57	36.87	0	0
Total	119.30	243.71		
SOLAR				
Total	7.90	14.76	0	0
Total	7.90	14.76		
Tata				
Trombay 5	9.34	17.77	453	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	4.80	100	100
Trombay 7B	1.46	2.93	62	47
Trombay 8	4.59	8.68	234	138
TATA Hydro	2.93	7.01	342	0
Total	20.71	41.19		
AEML				
DTPS U-1&2	9.66	18.68	500	282
Total	9.66	18.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	161.51	321.70	MSPGCL Total	176.08	349.66
			MSPGCL Thml+Gas	168.25	335.25	Koyna 1,2 & 4 Total	3.22	5.61
			MSPGCL Hydro	7.83	14.41	State Total	346.99	690.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	6020	117	292	6429	891	4256	0	0	5260	4984	-753	15807	0	15807	1673	17480	49.96
2	5777	117	292	6186	872	4264	0	0	5236	5076	-677	15721	0	15721	1574	17295	49.95
3	5554	117	293	5964	927	4262	0	0	5246	4997	-610	15540	0	15540	1508	17048	49.97
4	5280	117	294	5691	870	4248	0	0	5229	5214	-559	15464	0	15464	1459	16923	49.96
5	5323	323	292	5938	843	4217	0	0	5246	5371	-582	15787	0	15787	1479	17266	49.95
6	6904	281	294	7479	813	4233	0	0	5403	5331	-658	17198	0	17198	1556	18754	49.95
7	7260	192	293	7745	754	5018	0	11	5680	5118	-498	18148	0	18148	1690	19838	49.97
8	7130	583	292	8005	678	5546	0	104	5806	5849	-442	19740	0	19740	1866	21606	49.95
9	7029	967	271	8267	472	5648	0	381	5753	5872	-612	20028	0	20028	2146	22174	50.00
10	7004	1218	290	8512	543	5647	0	744	5924	6119	-745	20820	0	20820	2379	23199	50.00
11	6997	644	268	7909	671	5630	0	954	6648	6512	-840	20836	0	20836	2529	23364	50.01
12	7084	468	267	7818	506	5536	0	1135	6903	7177	-901	21271	0	21271	2567	23838	50.02
13	7132	272	266	7670	462	5252	0	1133	6997	6673	-1045	20146	0	20146	2527	22673	49.95
14	7138	164	266	7568	418	5060	0	1095	6825	6711	-951	19902	0	19902	2411	22313	49.98
15	7072	158	265	7494	383	5050	0	998	6732	6842	-997	19771	0	19771	2419	22190	49.98
16	7045	268	266	7578	360	5126	0	757	6752	6681	-988	19514	0	19514	2422	21936	49.97
17	7183	214	266	7664	327	5455	0	441	6379	6205	-990	19102	0	19102	2422	21524	49.94
18	7172	272	268	7712	322	5519	0	138	5224	5256	-960	17987	0	17987	2417	20404	50.02
19	7129	444	279	7852	339	5508	0	6	4707	4520	-850	17374	0	17374	2431	19806	50.00
20	7216	244	290	7750	395	5422	0	0	5054	4744	-911	17400	0	17400	2408	19808	50.05
21	6964	194	271	7428	390	4967	0	0	4451	4824	-1160	16450	0	16450	2270	18720	50.00
22	6813	154	291	7258	387	4737	0	0	4942	4883	-1065	16199	0	16199	2119	18318	50.01
23	6671	168	292	7132	380	4477	0	0	5263	5011	-1025	15975	0	15975	1973	17948	49.99
24	6616	132	282	7030	331	4223	0	0	5294	4854	-892	15547	0	15547	1840	17387	49.91
MUs	161.51	7.83	6.74	176.08	13.33	119.30	0.00	7.90	136.95	134.82	-19.71	431.73	0.00	431.73	50.09	481.81	49.98

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/Feb/2021

Position as on 6.30 Hrs of 03/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 03/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 II	InterState	01/02/2021	18.14	02/02/2021	07.26	HT	Over Voltage
Alkud-Solapur(PG)	InterState	02/02/2021	14.10	02/02/2021	20.11	HT	Heavy Sparking observed in Line Isolator
Dhule Sar'Sarovar I	InterState	02/02/2021	19.48		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	03/02/2021	04.33		Continued.	T	DT Received at Nagothane end
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
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	02/02/2021	10.13	02/02/2021	17.16	PO	To attend OLTC problem
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	02/02/2021	15.03	02/02/2021	19.23	EO	To attend Hot Spot
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
Dondaicha- Shahada	IntraState	01/02/2021	18.02	02/02/2021	05.17	EO	Attending Hot Spot
Trombay - Kalwa	IntraState	02/02/2021	07.01	02/02/2021	19.05	PO	Erection of Tower in BARC Premises
Alkud Miraj	IntraState	02/02/2021	08.35	02/02/2021	18.39	PO	CT Replacement work
Goregaon Versova Line 2	IntraState	02/02/2021	09.44	02/02/2021	09.58	PO	Removal of Foreign material from conductor
Malharpeth - Karad(400kv)	IntraState	02/02/2021	09.53	02/02/2021	13.01	PO	Quarterly Maintenance Work
220kv Lonand- Phaltan line	IntraState	02/02/2021	10.10	02/02/2021	13.30	PO	Relay Retrofitting Work by Testing
Goregaon Aarey Line 2	IntraState	02/02/2021	10.16	02/02/2021	11.13	PO	Removal of Foreign material from Conductor
Ghugus- Lloyds	IntraState	02/02/2021	11.40	02/02/2021	14.28	PO	LA Replacement work
Kandalgaon-POSCO	IntraState	02/02/2021	11.52	02/02/2021	14.35	PO	Removal of Foreign material from Conductor
Nagothane - Posco	IntraState	02/02/2021	12.01	02/02/2021	14.49	PO	Commissioning of IEM meters on AMR panel
Ghodbunder - Versova	IntraState	02/02/2021	12.17	02/02/2021	13.08	PO	Removal of Foreign material from Conductor
Ghodbunder - Gorai	IntraState	02/02/2021	13.08	02/02/2021	13.26	PO	Removal of Foreign material from Conductor
satara MIDC- Malharpeth	IntraState	02/02/2021	14.04	02/02/2021	16.38	PO	Quarterly Maintenance Work
Boisar-Viraj	IntraState	02/02/2021	14.50	02/02/2021	16.03	EO	To attend Hot Spot
BOTHE - PHALTAN MIDC	IntraState	02/02/2021	14.50	02/02/2021	15.55	PO	Relay Replacement Work
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.

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