

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.465	3485.857	1) Gujrat	1.420	13.111
2) Hydro	20.820	233.541	2) Madhya Pradesh	8.000	157.667
3) Gas	6.627	152.117	3) Chattisgarh	5.070	118.830
Total MSPGCL	176.912	3871.515	4) Maharashtra	127.662	2953.109
B) 1) APML	71.560	1338.758	5) Goa (Amona)	-1.215	-23.729
2) JSWEL	11.419	268.314	Total	140.937	3218.988
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.280	474.797
4) RPL(AMT)	28.885	607.029	b) Mumbai Drawl	25.912	518.482
5) WPCL	3.253	160.990	c) MSEDCL Bilateral *	22.750	592.951
6) Other IPP	17.976	401.469	Include PX	-2.910	-65.176
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.280	470.750
C) 1) TPCL Thermal	5.263	172.474	Include PX	9.304	152.278
2) TPCL Hydro	6.669	109.284	Standby	0.000	4.047
3) TPCL Gas	4.416	88.827	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.203	231.360	1) MSEDCL	436.436	9770.349
D) STATE			2) Mumbai Discoms	53.463	1120.428
1) Thermal	299.024	6666.251	TOTAL STATE	489.899	10890.777
(A1+C1+C4+(B1-B6))					
2) Hydro	27.489	342.825			
(A2+C2)					
3) Gas	11.043	240.944			
(A3+B7+C3)					
4) Wind	3.444	245.904			
6) SOLAR	7.962	175.864			
TOTAL STATE	348.962	7671.788			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6426	6407	5996	6490
MSPGCL Hydro	1176	1107	1347	126
MSPGCL Gas	280	266	279	282
MSPGCL Total Generation	7882	7780	7622	6898
Central Sector Receipt	7032	6485	5348	5364
WIND	113	98	263	105
CPP / IPP Thermal	5890	5898	5876	4692
CPP / IPP Gas	0	0	0	0
SOLAR	939	1131	0	0
Exchange with Mumbai	-1271	-1331	-1146	-1031
MSEDCL DEMAND MET	20585	20061	17963	16028
Load Shedding	0	0	0	0
MSEDCL DEMAND	20585	20061	17963	16028
TPCL GENERATION	881	881	881	321
AEML GENERATION	501	500	500	285
MUMBAI DEMAND	2653	2712	2527	1637
STATE DEMAND MET	23238	22773	20490	17665
STATE DEMAND	23238	22773	20490	17665
Frequency (Hz)	49.97	50.01	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.02 Hrs	49.77 Hz at 23.19 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 23/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	11.41	273.11	562	393
Unit 9	10.98	250.98	480	450
Unit 10	12.61	196.86	600	455
Total	35.01	732.75		
Bhusawal				
Unit 3	3.98	26.00	190	125
Unit 4	11.40	243.62	475	475
Unit 5	11.64	239.94	500	430
Total	27.02	509.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	80.88	0	0
Unit 7	0.00	82.54	0	0
Unit 8	0.00	87.53	0	0
Total	0.00	250.95		
Chandrapur				
Unit 3	3.20	76.44	140	130
Unit 4	3.34	76.44	154	127
Unit 5	9.85	136.34	430	290
Unit 6	9.72	215.36	430	335
Unit 7	0.00	176.21	0	0
Unit 8	8.69	250.47	500	0
Unit 9	11.74	251.15	500	479
Total	46.53	1182.40		
Paras				
Unit 3	3.90	110.61	220	0
Unit 4	5.86	101.99	250	233
Total	9.76	212.60		
Khaparkheda				
Unit 1	3.29	74.40	150	120
Unit 2	3.96	81.63	170	155
Unit 3	4.80	98.01	202	198
Unit 4	4.40	92.83	200	150
Unit 5	11.02	173.17	475	445
Total	27.46	520.03		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.68	77.57	196	126
Unit 5	0.00	0.00	0	0
Total	3.68	77.57		
Uran				
All Units	6.63	152.12	294	255
Total	6.63	152.12		
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)	0.25	4.71	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.25	4.71		
Koyna				
Stage 1-2	5.84	70.12	565	40
Stage 4	8.20	56.58	996	0
Stage 3	3.09	28.01	240	0
Total	17.12	154.71		
Hydro				
KDPH	0.31	14.05	37	0
VTRNA	0.45	9.00	60	0
TILLARI	0.00	1.06	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	6.24	80	0
RNGR+BHTSA	0.32	7.88	14	13
BHANDARDRA	0.46	3.67	28	14
ELDARY	0.21	0.21	9	7
SMLHY_PTN	0.30	10.54	13	12
GHATGHAR	1.26	26.18	125	0
Total	3.70	78.83		
Wind				
Total	3.44	245.90	0	0
Total	3.44	245.90		
CPP				
APML(Mus)	71.56	1338.76	0	0
JSWEL(Mus)	11.42	268.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.88	607.03	0	0
WPCL(Mus)	3.25	160.99	0	0
Other(Mus)	17.98	401.47	0	0
Total	133.09	2776.56		
SOLAR				
Total	7.96	175.86	0	0
Total	7.96	175.86		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	55.79	117	114
Trombay 7B	1.62	33.04	77	67
Trombay 8	5.26	110.28	238	137
TATA Hydro	6.67	109.28	459	5
Total	16.35	370.58		
AEML				
DTPS U-1&2	11.20	231.36	502	284
Total	11.20	231.36		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.46	3485.86	MSPGCL Total	176.91	3871.52
			MSPGCL Thml+Gas	156.09	3637.97	Koyna 1,2 & 4 Total	14.03	126.70
			MSPGCL Hydro	20.82	233.54	State Total	348.96	7671.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	6475	131	272	6878	122	4625	0	0	5470	5427	-935	16117	0	16117	1880	17997	50.00
2	6514	131	292	6937	106	4650	0	0	5549	5422	-926	16189	0	16189	1738	17927	50.01
3	6490	126	282	6898	105	4692	0	0	5459	5364	-1031	16028	0	16028	1637	17665	49.97
4	6551	131	292	6974	91	4508	0	0	5498	5589	-983	16179	0	16179	1589	17768	49.99
5	6333	131	283	6747	83	4925	0	0	5477	5425	-972	16208	0	16208	1579	17787	49.93
6	6346	426	283	7055	118	5570	0	0	5378	5453	-909	17287	0	17287	1672	18959	49.91
7	6290	1153	294	7737	83	5849	0	10	5489	5481	-665	18495	0	18495	1765	20260	49.95
8	6348	1906	284	8538	80	5911	0	131	5575	5670	-683	19647	0	19647	1922	21569	49.99
9	6458	1806	293	8557	72	5885	0	463	6029	5744	-880	19841	0	19841	2209	22050	50.03
10	6481	1304	271	8056	100	5921	0	771	6377	6738	-1085	20501	0	20501	2466	22967	50.01
11	6426	1176	280	7882	113	5890	0	939	6707	7032	-1271	20585	0	20585	2653	23238	49.97
12	6356	1439	268	8063	70	5945	0	1031	6934	6579	-1335	20353	0	20353	2716	23069	49.99
13	6407	1107	266	7780	98	5898	0	1131	6732	6485	-1331	20061	0	20061	2712	22773	50.01
14	6153	785	265	7203	85	5750	0	1046	6757	6656	-1239	19501	0	19501	2600	22101	50.02
15	5949	1236	255	7440	88	5728	0	991	6741	6949	-1248	19948	0	19948	2623	22571	50.00
16	5911	1524	255	7690	114	5810	0	774	6652	6520	-1249	19659	0	19659	2627	22286	49.92
17	5865	1579	266	7710	154	5882	0	511	6279	5977	-1241	18993	0	18993	2618	21611	49.97
18	5912	1387	267	7566	192	5937	0	162	5758	5570	-1204	18223	0	18223	2577	20800	50.00
19	5940	848	268	7056	282	5940	0	2	5548	5238	-1159	17359	0	17359	2534	19893	49.99
20	5996	1347	279	7622	263	5876	0	0	5295	5348	-1146	17963	0	17963	2527	20490	49.99
21	6067	569	270	6906	329	5757	0	0	5095	5124	-1096	17020	0	17020	2391	19411	50.00
22	6157	319	281	6757	281	5545	0	0	5746	5568	-1192	16959	0	16959	2255	19214	50.02
23	6005	166	270	6441	231	5322	0	0	6000	5871	-1092	16773	0	16773	2129	18902	49.92
24	6035	93	291	6419	184	5277	0	0	5938	5707	-1040	16547	0	16547	2044	18591	49.93
MUs	149.47	20.82	6.63	176.91	3.44	133.09	0.00	7.96	142.48	140.94	-25.91	436.44	0.00	436.44	53.46	489.90	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 23/Feb/2021

Position as on 6.30 Hrs of 24/Feb/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 5	500	08/02/2021	00.10		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.	Economizer Tube Leakage. (Zero Schedule from 18:45hrs of 05.12.2020).	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
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)	
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	
MSPGCL	Parli Unit 6	250	16/02/2021	00.00		Continued.	Zero schedule.	
MSPGCL	Parli Unit 7	250	16/02/2021	10.15		Continued.	Zero schedule	
MSPGCL	Parli Unit 8	250	17/02/2021	00.00		Continued.	Zero schedule	
CPP	SWPGL U-4	135	19/02/2021	23.03	24/02/2021	02.41	Zero schedule.	
CPP	SWPGL U-3	135	19/02/2021	23.38	24/02/2021	01.41	Zero schedule.	
IPP	JSW (J) U3	300	20/02/2021	11.09		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Paras Unit 3	250	23/02/2021	04.03	23/02/2021	07.20	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	23/02/2021	13.27	23/02/2021	17.51	Hot level low fire protection.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 24/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	22/02/2021	18.38	23/02/2021	07.11	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/02/2021	18.28		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	23/02/2021	06.53	23/02/2021	15.09	PO	Replacement of Dead End & MID Span joint.
Warora -IEPL	IntraState	23/02/2021	0917	23/02/2021	18.23	PO	Routine maintenance & diagnostic testing work, Nut bolt of jumper tightening work.
N.Koyna-Karad -Ckt II	IntraState	23/02/2021	10.50	23/02/2021	11.41	HT	Due to sparking.
New Koyna -Koyna Stage IV-I	IntraState	23/02/2021	10.54	23/02/2021	11.38	HT	Due to sparking.
New Koyna - Dabhol-I	IntraState	23/02/2021	10.59	23/02/2021	11.33	HT	Due to sparking.
Jaigad-New Koyna Ckt-I	IntraState	23/02/2021	11.01	23/02/2021	11.34	HT	Due to sparking.
Bus Coupler @ New Koyna	IntraState	23/02/2021	11.02	23/02/2021	11.29	HT	Due to sparking.
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)
Kalwa - Mulund 2	IntraState	17/02/2021	08.49		Continued.	PO	project work for bay strengthening .
Chikhli-Jalna-I	IntraState	23/02/2021	07.15	23/02/2021	09.08	HT	To control Akola ICT O/L
Dahanu-Viraj	IntraState	23/02/2021	07.16	23/02/2021	20.56	PO	Shifting of SS line from its existing position (Temporary diversion) to newly constructed Permanent towers.
Chandrapur(MIDC)-Ballarshah II	IntraState	23/02/2021	08.28	23/02/2021	19.19	PO	Fixing of N/B, missing members, jumps tightening work.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	23/02/2021	08.30	23/02/2021	19.28	PO	Fixing of N/B, missing members, jumps tightening work.
Koyna (Pophali) - Kdph	IntraState	23/02/2021	09.20		Continued.	PO	Battery replacement work.
Vankuswade - Kdph	IntraState	23/02/2021	09.30		Continued.	PO	Replacement of 220 V DC battery charger & DC distribution board
Solapur(Bale) - Tuljapur	IntraState	23/02/2021	11.06	23/02/2021	16.42	PO	Perform line signature analysis test and replacement of string at Loc no.46
Karad - Sadawagpur I	IntraState	23/02/2021	11.43	23/02/2021	17.15	EO	CB Maintenance work.
Sadawaghapur Karad Ckt 2	IntraState	23/02/2021	11.43	23/02/2021	17.15	EO	CB Maintenance work.
Karad(400kv) -Nigade	IntraState	23/02/2021	11.46	23/02/2021	19.26	PO	Diagnostic testing of CB,CT & Relay testing work at 220 kV Nigade S/S
Mahad-Kandalgaon	IntraState	23/02/2021	12.43	23/02/2021	20.25	PO	Bus sec-4 outage at kandalgaon
Bhugaon - Lloyed Steel	IntraState	23/02/2021	14.02	23/02/2021	17.42	PO	To Attend oil leakage from protection CT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	22/02/2021	09.58	23/02/2021	17.00	PO	Breaker overhauling work
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	23/02/2021	10.01	23/02/2021	18.29	PO	To take CTR make N2 fire frightening system back in service. Repeat measurement of bushing & HV CT Tan delta due to higher value & other maintenance work.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 KV 200 MVA ICT II @Padghe	IntraState	23/02/2021	10.18		Continued.	PO	Removing jumper of A Bus Isolator by hotline unit Kharghar/Kalwa
220/132 Kv 200 Mva Bbl lct 2 @Beed	IntraState	23/02/2021	10.42	23/02/2021	16.52	PO	Tan Delta work.
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	23/02/2021	13.05	23/02/2021	18.05	PO	Bus sec-4 outage at Kandalgaon
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	23/02/2021	13.13	23/02/2021	18.57	PO	HV side CB Overhauling & service work.