

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.858	3635.715	1) Gujrat	1.719	14.830
2) Hydro	16.303	249.844	2) Madhya Pradesh	9.012	166.679
3) Gas	6.572	158.689	3) Chattisgarh	4.820	123.650
Total MSPGCL	172.733	4044.248	4) Maharashtra	130.659	3083.768
B) 1) APLM	71.990	1410.748	5) Goa (Amona)	-1.361	-25.090
2) JSWEL	11.313	279.627	Total	144.849	3363.837
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.188	498.985
4) RPL(AMT)	30.028	637.057	b) Mumbai Drawl	26.355	544.837
5) WPCL	7.849	168.839	c) MSEDCL Bilateral *	25.863	618.814
6) Other IPP	18.375	419.844	Include PX	-2.344	-67.520
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.188	494.938
C) 1) TPCL Thermal	5.248	177.722	Include PX	12.350	164.628
2) TPCL Hydro	6.951	116.235	Standby	0.000	4.047
3) TPCL Gas	4.404	93.231	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.560	242.920	1) MSEDCL	444.416	10214.765
D) STATE			2) Mumbai Discoms	54.518	1174.946
1) Thermal	306.221	6972.472	TOTAL STATE	498.934	11389.711
(A1+C1+C4+(B1-B6))					
2) Hydro	23.254	366.079			
(A2+C2)					
3) Gas	10.976	251.920			
(A3+B7+C3)					
4) Wind	5.730	251.634			
6) SOLAR	7.904	183.768			
TOTAL STATE	354.085	8025.873			

* 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 3 Hrs
MSPGCL Thermal	6291	6294	6275	6068
MSPGCL Hydro	1467	1190	1070	120
MSPGCL Gas	266	265	269	272
MSPGCL Total Generation	8024	7749	7614	6460
Central Sector Receipt	6907	6739	5120	5598
WIND	133	92	240	330
CPP / IPP Thermal	6105	6086	6155	4765
CPP / IPP Gas	0	0	0	0
SOLAR	1089	1115	0	0
Exchange with Mumbai	-1394	-1375	-1175	-994
MSEDCL DEMAND MET	20864	20406	17954	16159
Load Shedding	0	0	0	0
MSEDCL DEMAND	20864	20406	17954	16159
TPCL GENERATION	882	879	875	322
AEML GENERATION	499	501	499	394
MUMBAI DEMAND	2775	2755	2549	1710
STATE DEMAND MET	23639	23161	20503	17869
STATE DEMAND	23639	23161	20503	17869
Frequency (Hz)	49.99	50.03	49.95	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.00 Hrs	49.77 Hz at 23.36 Hrs	49.97	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 24/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	10.66	283.78	544	327
Unit 9	10.85	261.82	480	430
Unit 10	11.47	208.32	550	450
Total	32.98	765.73		
Bhusawal				
Unit 3	3.91	29.90	190	120
Unit 4	11.40	255.02	475	475
Unit 5	11.66	251.60	500	465
Total	26.98	536.53		
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	3.35	79.79	146	128
Unit 4	3.40	79.84	145	130
Unit 5	9.88	146.23	435	355
Unit 6	9.91	225.27	425	375
Unit 7	0.00	176.21	0	0
Unit 8	11.74	262.21	500	476
Unit 9	11.45	262.60	490	461
Total	49.74	1232.13		
Paras				
Unit 3	4.21	114.82	203	126
Unit 4	5.05	107.04	235	147
Total	9.26	221.86		
Khaparkheda				
Unit 1	3.46	77.86	150	125
Unit 2	3.93	85.56	170	160
Unit 3	4.70	102.71	200	180
Unit 4	4.34	97.17	200	150
Unit 5	10.83	184.00	475	430
Total	27.27	547.30		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.64	81.21	198	99
Unit 5	0.00	0.00	0	0
Total	3.64	81.21		
Uran				
All Units	6.57	158.69	293	245
Total	6.57	158.69		
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)	0.14	4.85	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	4.85		
Koyna				
Stage 1-2	4.90	75.01	565	40
Stage 4	5.53	62.11	748	0
Stage 3	2.30	30.31	160	0
Total	12.72	167.43		
Hydro				
KDPH	0.00	14.05	0	0
VTRNA	0.47	9.47	60	0
TILLARI	0.46	1.52	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	6.60	80	0
RNGR+BHTSA	0.29	8.16	14	0
BHANDARDRA	0.08	3.76	15	0
ELDARY	0.36	0.57	15	15
SMLHY_PTN	0.37	10.91	16	15
GHATGHAR	1.19	27.37	125	0
Total	3.58	82.41		
Wind				
Total	5.73	251.63	0	0
Total	5.73	251.63		
CPP				
APML(Mus)	71.99	1410.75	0	0
JSWEL(Mus)	11.31	279.63	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	30.03	637.06	0	0
WPCL(Mus)	7.85	168.84	0	0
Other(Mus)	18.38	419.84	0	0
Total	139.56	2916.12		
SOLAR				
Total	7.90	183.77	0	0
Total	7.90	183.77		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	58.58	117	114
Trombay 7B	1.61	34.65	68	67
Trombay 8	5.25	115.52	239	138
TATA Hydro	6.95	116.24	459	0
Total	16.60	387.19		
AEML				
DTPS U-1&2	11.56	242.92	501	394
Total	11.56	242.92		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	149.86	3635.72
MSPGCL Thml+Gas	156.43	3794.40
MSPGCL Hydro	16.30	249.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	172.73	4044.25
Koyna 1,2 & 4 Total	10.42	137.12
State Total	354.08	8025.87

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Feb/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6137	100	282	6519	201	5300	0	0	5737	5635	-913	16742	0	16742	1939	18681	50.00
2	6130	100	292	6522	282	5020	0	0	5732	5563	-948	16439	0	16439	1810	18249	50.00
3	6068	120	272	6460	330	4765	0	0	5708	5598	-994	16159	0	16159	1710	17869	49.96
4	6079	105	282	6466	376	4909	0	0	5701	5679	-939	16491	0	16491	1657	18148	49.96
5	6079	100	293	6472	480	5268	0	0	5653	5737	-935	17022	0	17022	1654	18676	49.99
6	6099	100	283	6482	498	5877	0	0	5765	5846	-920	17783	0	17783	1723	19506	49.95
7	6224	856	293	7373	557	6160	0	2	5679	5291	-744	18639	0	18639	1831	20470	49.93
8	6272	1622	283	8177	477	6188	0	131	5829	5729	-768	19934	0	19934	1983	21917	49.97
9	6336	1204	282	7822	279	6213	0	473	6172	6343	-904	20226	0	20226	2229	22455	50.03
10	6408	1107	270	7785	230	6154	0	767	6583	6656	-1152	20440	0	20440	2510	22950	50.01
11	6341	1233	278	7852	161	6127	0	915	6938	6963	-1324	20694	0	20694	2704	23398	50.01
12	6291	1467	266	8024	133	6105	0	1089	6908	6907	-1394	20864	0	20864	2775	23639	49.99
13	6294	1190	265	7749	92	6086	0	1115	6973	6739	-1375	20406	0	20406	2755	23161	50.03
14	6340	548	245	7133	62	6053	0	1008	6976	6989	-1250	19995	0	19995	2626	22621	50.00
15	6381	632	254	7267	56	6062	0	986	6975	7038	-1283	20126	0	20126	2660	22786	49.97
16	6299	1283	254	7836	50	6077	0	759	6808	6803	-1286	20239	0	20239	2662	22901	49.95
17	6302	1232	265	7799	66	6171	0	495	6547	6065	-1277	19319	0	19319	2652	21971	49.94
18	6371	728	267	7366	133	6167	0	160	6109	5930	-1219	18537	0	18537	2593	21130	50.00
19	6289	520	267	7076	288	6099	0	4	5574	5316	-1177	17606	0	17606	2547	20153	49.93
20	6275	1070	269	7614	240	6155	0	0	5148	5120	-1175	17954	0	17954	2549	20503	49.95
21	6215	264	269	6748	187	5933	0	0	5348	5480	-1033	17315	0	17315	2395	19710	49.90
22	6252	347	280	6879	208	5478	0	0	5698	5779	-1052	17292	0	17292	2281	19573	49.95
23	6211	147	280	6638	212	5437	0	0	5940	6056	-1184	17159	0	17159	2177	19336	49.98
24	6165	228	281	6674	132	5751	0	0	5668	5587	-1109	17035	0	17035	2096	19131	49.89
MUs	149.86	16.30	6.57	172.73	5.73	139.55	0.00	7.90	146.17	144.85	-26.35	444.42	0.00	444.42	54.52	498.93	49.97

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 24/Feb/2021

Position as on 6.30 Hrs of 25/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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 25/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	23/02/2021	18.28	24/02/2021	07.12	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	24/02/2021	12.28	24/02/2021	17.30	PO	Faulty DSN string replacement work
Dhule Sar'Sarovar I	InterState	24/02/2021	19.59		Continued.	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
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 .
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
Chandrapur(MIDC)-Ballarshah I	IntraState	24/02/2021	08.00	24/02/2021	19.13	PO	Line Maintenance work
Bappaon - Kalwa	IntraState	24/02/2021	08.47	24/02/2021	19.48	PO	Earth Wire replacement work
Nigade- Peth Line	IntraState	24/02/2021	10.19	24/02/2021	17.11	PO	Testing Work
Trombay - Kalwa	IntraState	24/02/2021	12.53	24/02/2021	16.24	T	Distance Protection
Trombay - Mulund	IntraState	24/02/2021	12.55	24/02/2021	16.21	T	Distance Protection
Ambazari-Kalmeshwar	IntraState	24/02/2021	15.42	24/02/2021	19.40	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 kV 200 MVA ICT II @Padghe	IntraState	23/02/2021	10.18	24/02/2021	22.31	PO	Removing jumper of A Bus Isolator by hotline unit Kharghar/Kalwa
220/33kV 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	24/02/2021	09.10	24/02/2021	16.37	PO	Replacement of CB mechanism
220/132 kV 100 MVA ICT @ Anjangaon	IntraState	24/02/2021	10.30		Continued.	PO	Overhauling and servicing of ICT OLTC and Routine Maintenance Work

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