

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.933	3786.648	1) Gujrat	2.893	17.723
2) Hydro	21.564	271.408	2) Madhya Pradesh	9.678	176.357
3) Gas	6.424	165.113	3) Chattisgarh	4.350	128.000
Total MSPGCL	178.921	4223.169	4) Maharashtra	120.660	3204.428
B) 1) APLM	74.916	1485.664	5) Goa (Amona)	-1.682	-26.772
2) JSWEL	12.151	291.778	Total	135.899	3499.736
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.013	523.998
4) RPL(AMT)	31.357	668.414	b) Mumbai Drawl	25.892	570.729
5) WPCL	9.041	177.880	c) MSEDCL Bilateral *	25.281	644.095
6) Other IPP	18.928	438.772	Include PX	-5.154	-72.675
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.013	519.951
C) 1) TPCL Thermal	5.506	183.228	Include PX	10.710	175.338
2) TPCL Hydro	7.119	123.354	Standby	0.000	4.047
3) TPCL Gas	4.183	97.414	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.016	254.936	1) MSEDCL	450.065	10664.830
D) STATE			2) Mumbai Discoms	54.716	1229.662
1) Thermal	314.848	7287.320	TOTAL STATE	504.781	11894.492
(A1+C1+C4+(B1-B6))					
2) Hydro	28.683	394.762			
(A2+C2)					
3) Gas	10.607	262.527			
(A3+B7+C3)					
4) Wind	6.766	258.400			
6) SOLAR	7.978	191.746			
TOTAL STATE	368.882	8394.755			

* 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	6174	6259	6324	6140
MSPGCL Hydro	2074	1560	791	118
MSPGCL Gas	257	265	279	282
MSPGCL Total Generation	8505	8084	7394	6540
Central Sector Receipt	6853	6681	4929	5318
WIND	42	59	496	170
CPP / IPP Thermal	6232	6211	6169	5577
CPP / IPP Gas	0	0	0	0
SOLAR	1097	1146	0	0
Exchange with Mumbai	-1397	-1355	-1170	-793
MSEDCL DEMAND MET	21332	20826	17818	16812
Load Shedding	0	0	0	0
MSEDCL DEMAND	21332	20826	17818	16812
TPCL GENERATION	878	869	878	412
AEML GENERATION	500	501	501	501
MUMBAI DEMAND	2775	2725	2549	1706
STATE DEMAND MET	24107	23551	20367	18518
STATE DEMAND	24107	23551	20367	18518
Frequency (Hz)	49.97	50.00	49.91	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 22.00 Hrs	49.6 Hz at 06.54 Hrs	49.96	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 25/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	13.04	296.82	591	433
Unit 9	11.97	273.79	550	435
Unit 10	12.28	220.60	535	425
Total	37.28	803.01		
Bhusawal				
Unit 3	4.20	34.11	180	140
Unit 4	11.38	266.41	475	470
Unit 5	11.35	262.95	485	465
Total	26.94	563.47		
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	3.36	83.15	155	128
Unit 4	3.39	83.23	152	120
Unit 5	10.30	156.53	440	420
Unit 6	10.06	235.33	430	410
Unit 7	0.00	176.21	0	0
Unit 8	11.73	273.94	496	471
Unit 9	11.69	274.29	495	476
Total	50.54	1282.67		
Paras				
Unit 3	3.44	118.26	210	110
Unit 4	1.38	108.42	159	0
Total	4.82	226.68		
Khaparkheda				
Unit 1	3.44	81.30	150	130
Unit 2	3.92	89.48	170	160
Unit 3	4.87	107.58	210	181
Unit 4	4.50	101.68	200	170
Unit 5	10.71	194.70	475	429
Total	27.44	574.74		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.91	85.12	196	108
Unit 5	0.00	0.00	0	0
Total	3.91	85.12		
Uran				
All Units	6.42	165.11	293	207
Total	6.42	165.11		
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)	0.05	4.90	17	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	4.90		
Koyna				
Stage 1-2	4.48	79.49	560	40
Stage 4	9.95	72.05	1003	0
Stage 3	3.05	33.36	240	0
Total	17.48	184.91		
Hydro				
KDPH	0.12	14.17	37	0
VTRNA	0.43	9.90	60	0
TILLARI	0.52	2.04	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	6.99	88	0
RNGR+BHTSA	0.34	8.51	15	14
BHANDARDRA	0.46	4.21	29	0
ELDARY	0.36	0.93	16	15
SMLHY_PTN	0.37	11.28	16	15
GHATGHAR	1.10	28.47	250	0
Total	4.09	86.50		
Wind				
Total	6.77	258.40	0	0
Total	6.77	258.40		
CPP				
APML(Mus)	74.92	1485.66	0	0
JSWEL(Mus)	12.15	291.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	31.36	668.41	0	0
WPCL(Mus)	9.04	177.88	0	0
Other(Mus)	18.93	438.77	0	0
Total	146.39	3062.51		
SOLAR				
Total	7.98	191.75	0	0
Total	7.98	191.75		
Tata				
Trombay 5	0.00	62.20	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	61.22	117	50
Trombay 7B	1.54	36.19	67	41
Trombay 8	5.51	121.03	237	144
TATA Hydro	7.12	123.35	459	0
Total	16.81	404.00		
AEML				
DTPS U-1&2	12.02	254.94	502	500
Total	12.02	254.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.93	3786.65	MSPGCL Total	178.92	4223.17
			MSPGCL Thml+Gas	157.36	3951.76	Koyna 1,2 & 4 Total	14.43	151.54
			MSPGCL Hydro	21.56	271.41	State Total	368.88	8394.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	6277	163	281	6721	149	5984	0	0	5495	5122	-1001	16975	0	16975	1988	18963	49.91
2	6159	115	272	6546	176	5991	0	0	5457	5175	-905	16983	0	16983	1859	18842	49.96
3	6080	113	292	6485	171	5694	0	0	5411	5290	-835	16805	0	16805	1760	18565	49.94
4	6140	118	282	6540	170	5577	0	0	5284	5318	-793	16812	0	16812	1706	18518	49.95
5	6205	120	292	6617	205	5830	0	0	5407	5445	-874	17223	0	17223	1703	18926	49.96
6	6287	258	273	6818	247	6058	0	0	5621	5506	-892	17737	0	17737	1773	19510	49.87
7	6336	1481	293	8110	179	6205	0	7	5378	5004	-638	18867	0	18867	1818	20685	49.84
8	6403	2071	283	8757	206	6192	0	138	5642	5784	-699	20378	0	20378	1971	22349	49.94
9	6449	1748	292	8489	105	6215	0	454	5960	6058	-880	20441	0	20441	2216	22657	50.00
10	6301	1895	270	8466	57	6194	0	775	6248	6548	-1131	20909	0	20909	2497	23406	49.99
11	6210	1995	267	8472	51	6210	0	978	6596	6582	-1334	20959	0	20959	2693	23652	49.99
12	6174	2074	257	8505	42	6232	0	1097	6740	6853	-1397	21332	0	21332	2775	24107	49.97
13	6259	1560	265	8084	59	6211	0	1146	6753	6681	-1355	20826	0	20826	2725	23551	50.00
14	6331	903	256	7490	188	6137	0	1102	6699	6520	-1254	20183	0	20183	2617	22800	50.02
15	6358	947	265	7570	280	6144	0	961	6705	6824	-1283	20496	0	20496	2654	23150	49.98
16	6314	1277	256	7847	295	6193	0	746	6503	6458	-1308	20231	0	20231	2674	22905	49.97
17	6316	1189	223	7728	367	6228	0	423	6307	5789	-1361	19174	0	19174	2650	21824	49.90
18	6310	952	207	7469	520	6249	0	147	5754	5386	-1300	18471	0	18471	2586	21057	49.95
19	6324	724	229	7277	517	6197	0	4	5109	4610	-1204	17401	0	17401	2550	19951	49.89
20	6324	791	279	7394	496	6169	0	0	5111	4929	-1170	17818	0	17818	2549	20367	49.91
21	6366	467	269	7102	473	6172	0	0	4757	4638	-1044	17341	0	17341	2415	19756	50.00
22	6370	211	270	6851	536	6128	0	0	5038	4993	-977	17531	0	17531	2283	19814	50.02
23	6336	201	280	6817	600	6082	0	0	5397	5173	-1113	17559	0	17559	2163	19722	50.01
24	6304	191	271	6766	677	6101	0	0	5390	5213	-1144	17613	0	17613	2091	19704	49.99
MUs	150.93	21.56	6.42	178.92	6.77	146.39	0.00	7.98	138.76	135.90	-25.89	450.07	0.00	450.07	54.72	504.78	49.96

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 25/Feb/2021

Position as on 6.30 Hrs of 26/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	
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 4	250	25/02/2021	09.08		Continued.	CHP problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 26/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	24/02/2021	19.59	25/02/2021	07.16	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/02/2021	20.18		Continued.	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	25/02/2021	09.46	25/02/2021	16.42	PO	Flash over String At LOC. 69 R-PH.
Deepnagar Taptitanda	IntraState	25/02/2021	10.11	25/02/2021	19.14	PO	Routine Maintenance Work
Chandrapur-Parali III	IntraState	25/02/2021	10.24	25/02/2021	18.08	PO	Replacement of damaged Scissor assembly of R, Y & B-ph PG-1 Isolators. maintenance & alignment work of 400kv PG-1 & 2 Isolators.
Padghe - Nagothane - I	IntraState	25/02/2021	13.14	25/02/2021	21.15	PO	CVT Testing Work, Pg Isolator Replacement Work, bay maint Work.
Warora -IEPL	IntraState	26/02/2021	02.12		Continued.	T	Distance Protection
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 500 MVA ICT-III @Parali (Girwali)	IntraState	25/02/2021	11.46	25/02/2021	21.47	PO	1. REF & NDR relay testing work. 2.Bay maintenance work.
400/220 kV 500 MVA ICT III @ Jejuri	IntraState	25/02/2021	17.33	25/02/2021	20.02	PO	For replacement of faulty IV CT cable of differential protection.
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)
Solapur (Pg) South Solapur li	InterState	25/02/2021	13.05	25/02/2021	19.30	PO	CT & LINE Terminal Equipments AMP Works.
Kalwa - Mulund 2	IntraState	17/02/2021	08.49	25/02/2021	21.47	PO	project work for bay strengthening
Koyna (Pophali) - Kdph	IntraState	23/02/2021	09.20	25/02/2021	20.00	PO	Battery replacement work.
Vankuswade - Kdph	IntraState	23/02/2021	09.30	25/02/2021	19.40	PO	Replacement of 220 V DC battery charger & DC distribution board
Chikhli-Jalna-I	IntraState	25/02/2021	09.14		Continued.	HT	To Control 400kv Akola ICT Loading.
Chikhli-Jalna-II	IntraState	25/02/2021	09.16		Continued.	HT	To Control 400kv Akola ICT Loading.
Uran - Jnpt	IntraState	25/02/2021	09.48	25/02/2021	18.23	PO	Leveling work by DFCL at Loc. 25 to 26.
Wardha - Wardha Rly Tss 2	IntraState	25/02/2021	10.09	25/02/2021	12.17	PO	Attending Oil Leakage From Wardha TSS 2 CKT B PH Metering PT.
Shirsuphal-Kurkumbh	IntraState	25/02/2021	10.11	25/02/2021	16.05	PO	Replacement Of FLASH-OVER Tension String AT LOC 3 B PH.
Chandrapur(MIDC)-Ballarshah II	IntraState	25/02/2021	10.12	25/02/2021	16.53	PO	Attending Oil Leakage of R & B-PH CT.
Virur - Virur Rly Tss 2	IntraState	25/02/2021	10.20	25/02/2021	12.52	PO	Routine Maintenance Work At TSS End.
ANANDNAGAR - PALAVA	IntraState	25/02/2021	10.33	25/02/2021	16.00	OO	220kV Main bus isolator maintenance & Y ph Jumper replacement between ISO & Palava CB @ Anandnagar S/s.
Talandge-Mudshingi Ckt-I	IntraState	25/02/2021	10.40	25/02/2021	16.35	HT	For ICT Load management.
Talandge(400)- Mudshingi 2 Line	IntraState	25/02/2021	10.40	25/02/2021	16.35	HT	For ICT Load management.
Phursungi-Parvati	IntraState	25/02/2021	12.40	25/02/2021	17.45	PO	Replacement of Flash-over String at L.N.-11 (R phase) M/C tower Bottom Ckt.

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 25/Feb/2021

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lamboti - Solapur li(Bale) Ckt- I	IntraState	25/02/2021	12.50	25/02/2021	13.44	PO	Outage is Required for Line Signature Analysis test to be performed.
Jejuri-Phursungi ckt-1	IntraState	25/02/2021	13.12	25/02/2021	17.42	PO	partial Load of 220KV Phursungi Ss managed on 220Kv jejuri-phursungi CKT 2 & 220KV Serum-phursungi bunched with 220kv jejuri line & partial on 220kv theur-phursungi ckt 1 & 2.
JATH SHEDYAL	IntraState	25/02/2021	14.29	25/02/2021	16.08	T	Distance Protection
Valve-Jamde	IntraState	25/02/2021	14.34		Continued.	PO	Rectification of tilted Tower at loc 11-13.
Apta - Hoc	IntraState	25/02/2021	14.41	25/02/2021	16.56	PO	relay Testing Work.
Loteparshuram- Dasturi Line	IntraState	25/02/2021	14.46	25/02/2021	15.17	T	Distance Protection
Chakan (400kv)-Bridgestone	IntraState	25/02/2021	15.31	25/02/2021	18.19	PO	R PH CT Replacement of 220kv Chakan-chakan PH2 line at 400Kv Chakan SS.
Chakan (400kv)-Volskwagon	IntraState	25/02/2021	15.31	25/02/2021	19.17	PO	Outage Required For Replacement of R pH CT due To oil Leakage.
Badnera - Amravati	IntraState	25/02/2021	16.13		Continued.	HT	To Control 400kv Akola ICT Loading.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	25/02/2021	16.18	25/02/2021	17.27	T	Distance Protection
Peth- Mudshingi -I	IntraState	25/02/2021	16.18	25/02/2021	17.30	T	Distance Protection
220 KV ICT Outages/Trippings							
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
220/132kv 100mva Ptr 2 @Kharepatan	IntraState	25/02/2021	09.06		Continued.	PO	LVCB mechanism & pole overhauling work.
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	25/02/2021	09.23	25/02/2021	21.25	PO	For Charging of GIS board-10 & HT incomer cables connection at NGT-2 & Swgr end under 33Kv AIS to GIS Scheme.
220/132KV 100MVA -1@Alephata	IntraState	25/02/2021	10.03	25/02/2021	15.35	OO	For Diagnostic Testing & annual Relay Testing Work.
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	25/02/2021	10.31	25/02/2021	15.01	PO	Coupler For Quarterly Maintenance Work & Diagnostic Testing.
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	25/02/2021	12.50	25/02/2021	20.02	PO	HV & LV CB Compressor overhauling,Diagnostic testing & PT MB Shifting.
220/132 Kv 150 Mva Cgl lct 3 @Eklahre (Ocr)	IntraState	25/02/2021	13.17	25/02/2021	19.10	PO	maintenance, Testing & trials of NIFPS,CTR Make System.

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