

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.926	3997.732	1) Gujrat	1.603	58.579
2) Hydro	12.569	409.425	2) Madhya Pradesh	15.391	334.891
3) Gas	6.520	153.500	3) Chattisgarh	2.470	81.770
Total MSPGCL	180.015	4560.657	4) Maharashtra	136.964	3344.823
B) 1) APLM	56.888	1384.276	5) Goa (Amona)	-1.531	-30.191
2) JSWEL	15.739	334.738	Total	154.897	3789.872
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.094	632.706
4) RPL(AMT)	28.802	718.607	b) Mumbai Drawl	27.912	662.394
5) SWPGPL	7.888	197.222	c) MSEDCL Bilateral *	24.618	833.137
6) Other IPP	27.879	548.170	Include PX	-4.340	81.158
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.094	632.148
C) 1) TPCL Thermal	14.969	227.430	Include PX	3.713	287.676
2) TPCL Hydro	4.057	120.380	Standby	0.000	0.558
3) TPCL Gas	2.672	80.481	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.560	276.896	1) MSEDCL	462.719	11260.180
D) STATE			2) Mumbai Discoms	60.169	1367.582
1) Thermal	323.651	7685.071	TOTAL STATE	522.888	12627.762
(A1+C1+C4+(B1-B6))					
2) Hydro	16.626	529.805			
(A2+C2)					
3) Gas	9.192	233.981			
(A3+B7+C3)					
4) Wind	11.575	204.395			
6) SOLAR	6.948	184.637			
TOTAL STATE	367.992	8837.889			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6773	6684	6776	6518
MSPGCL Hydro	563	1076	919	265
MSPGCL Gas	265	255	268	272
MSPGCL Total Generation	7601	8015	7963	7055
Central Sector Receipt	7509	7503	5997	5299
WIND	142	86	260	1018
CPP / IPP Thermal	5938	6040	6291	4662
CPP / IPP Gas	0	0	0	0
SOLAR	967	570	0	0
Exchange with Mumbai	-1354	-1455	-1145	-998
MSEDCL DEMAND MET	20803	20759	19366	17036
Load Shedding	0	0	0	0
MSEDCL DEMAND	20803	20759	19366	17036
TPCL GENERATION	1124	1013	1101	605
AEML GENERATION	501	500	501	394
MUMBAI DEMAND	2979	2968	2747	1997
STATE DEMAND MET	23782	23727	22113	19033
STATE DEMAND	23782	23727	22113	19033
Frequency (Hz)	49.99	49.93	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18:01 Hrs	49.75 Hz at 23:09 Hrs	50	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/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.67	73.57	170	0
Unit 7	3.22	63.86	147	110
Unit 8	9.12	253.55	412	346
Unit 9	10.08	258.72	480	360
Unit 10	8.32	256.31	390	280
Total	33.41	906.00		
Bhusawal				
Unit 3	3.70	95.44	185	125
Unit 4	11.30	245.08	490	450
Unit 5	11.83	273.09	495	485
Total	26.82	613.61		
Parli				
Unit 6	5.50	123.08	250	195
Unit 7	5.46	106.47	248	178
Unit 8	5.35	134.23	240	200
Total	16.32	363.79		
Chandrapur				
Unit 3	0.00	67.10	0	0
Unit 4	0.00	54.66	0	0
Unit 5	10.18	241.21	430	410
Unit 6	9.94	239.54	425	346
Unit 7	0.00	0.00	0	0
Unit 8	11.63	246.30	500	475
Unit 9	10.95	271.80	474	413
Total	42.69	1120.62		
Paras				
Unit 3	4.85	122.67	221	178
Unit 4	5.59	81.98	252	201
Total	10.44	204.65		
Khaparkheda				
Unit 1	0.00	67.05	0	0
Unit 2	3.72	88.82	160	150
Unit 3	4.76	109.86	205	190
Unit 4	4.37	102.46	195	171
Unit 5	10.63	254.24	495	420
Total	23.48	622.43		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	80.81	197	125
Unit 5	3.85	85.83	196	124
Total	7.77	166.64		
Uran				
All Units	6.52	153.50	292	243
Total	6.52	153.50		
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)	0.30	3.88	25	0
Total	0.30	3.88		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.48	96.78	405	40
Stage 4	0.99	127.04	255	0
Stage 3	0.80	48.50	160	0
Total	5.27	272.32		
Hydro				
KDPH	0.86	18.48	36	36
VTRNA	0.96	13.80	60	0
TILLARI	0.70	11.15	58	0
BHIRA T.R.	0.08	6.44	47	0
SMLHY_PTN	4.58	54.57	202	183
GHATGHAR	0.12	16.52	119	0
Total	7.30	120.96		
Wind				
Total	11.58	204.40	0	0
Total	11.58	204.40		
CPP				
APML(Mus)	56.89	1384.28	0	0
JSWEL(Mus)	15.74	334.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.80	718.61	0	0
SWPGPL-Mus	7.89	197.22	0	0
Other(Mus)	27.88	548.17	0	0
Total	137.20	3183.01		
SOLAR				
Total	6.95	184.64	0	0
Total	6.95	184.64		
Tata				
Trombay 5	10.01	97.87	486	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.48	48.28	66	60
Trombay 7B	1.19	32.20	52	48
Trombay 8	4.96	129.56	235	137
TATA Hydro	4.06	120.38	345	40
Total	21.70	428.29		
AEML				
DTPS U-1&2	10.56	276.90	501	284
Total	10.56	276.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.93	3997.73	MSPGCL Total	180.02	4560.66
			MSPGCL Thml+Gas	167.45	4151.23	Koyna 1,2 & 4 Total	4.47	223.83
			MSPGCL Hydro	12.57	409.42	State Total	367.99	8837.89

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Mar/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	6480	325	271	7076	1001	4958	0	0	5823	5655	-903	17787	0	17787	2325	20112	50.01
2	6530	281	292	7103	1042	4752	0	0	5821	5688	-848	17737	0	17737	2150	19887	50.00
3	6518	265	272	7055	1018	4662	0	0	5747	5299	-998	17036	0	17036	1997	19033	50.00
4	6491	269	282	7042	962	4443	0	0	5630	5885	-1033	17299	0	17299	1908	19207	49.96
5	6516	440	282	7238	871	4805	0	0	5555	5948	-997	17865	0	17865	1860	19725	50.02
6	6542	264	292	7098	950	5572	0	0	6074	5996	-1005	18611	0	18611	1900	20511	50.03
7	6816	262	273	7351	899	5990	0	10	6201	6288	-971	19567	0	19567	1960	21527	50.03
8	7021	342	292	7655	696	5894	0	156	6686	6494	-733	20162	0	20162	2092	22254	50.06
9	6837	331	281	7449	620	5802	0	451	6969	6828	-1044	20106	0	20106	2340	22446	50.04
10	6739	379	269	7387	540	5696	0	686	6992	6974	-1354	19929	0	19929	2626	22555	50.01
11	6737	455	267	7459	314	5924	0	860	6906	7296	-1293	20560	0	20560	2883	23443	49.99
12	6773	563	265	7601	142	5938	0	967	7563	7509	-1354	20803	0	20803	2979	23782	49.99
13	6747	675	254	7676	93	5755	0	1035	7675	7299	-1416	20442	0	20442	2987	23429	50.03
14	6552	482	243	7277	104	5531	0	934	7776	7937	-1401	20382	0	20382	2891	23273	50.01
15	6653	802	264	7719	99	5783	0	743	7672	7824	-1481	20687	0	20687	2952	23639	49.98
16	6684	1076	255	8015	86	6040	0	570	7725	7503	-1455	20759	0	20759	2968	23727	49.93
17	6782	1128	266	8176	234	6248	0	405	6869	6828	-1266	20625	0	20625	2937	23562	49.96
18	6861	772	267	7900	333	6287	0	128	6228	5965	-1226	19387	0	19387	2837	22224	50.01
19	6721	493	267	7481	286	6279	0	3	5868	5730	-1131	18648	0	18648	2711	21359	50.00
20	6776	919	268	7963	260	6291	0	0	5904	5997	-1145	19366	0	19366	2747	22113	50.02
21	6762	568	269	7599	300	6286	0	0	5542	5656	-1131	18710	0	18710	2658	21368	50.03
22	6826	336	279	7441	280	6166	0	0	6046	6035	-1256	18666	0	18666	2511	21177	49.96
23	6817	539	271	7627	215	6045	0	0	6325	6332	-1333	18886	0	18886	2458	21344	49.88
24	6745	603	279	7627	230	6049	0	0	6471	5931	-1138	18699	0	18699	2493	21192	49.95
MUs	160.93	12.57	6.52	180.01	11.57	137.20	0.00	6.95	156.07	154.90	-27.91	462.72	0.00	462.72	60.17	522.89	50.00

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/Mar/2021

Position as on 6.30 Hrs of 25/Mar/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGPL 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	Uran Unit 7	108	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	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	20/03/2021	00.03		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	20/03/2021	00.05		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	21/03/2021	16.12	25/03/2021	03.28	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	22/03/2021	23.52		Continued.	Due To Low Vacuumed Pressure.	
MSPGCL	Koradi Unit 6	210	24/03/2021	10.50	24/03/2021	14.59	ID FAN PROBLEM	

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

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/03/2021	22.20	25/03/2021	02.01	T	Distance Protection
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
Akola Aurangabad(PG) I	InterState	18/03/2021	12.13		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Akola Aurangabad(PG) II	InterState	18/03/2021	14.34		Continued.	PO	SAMRUDHI MAHAMARG PROJECT WORK.
Dhule Sar'Sarovar I	InterState	23/03/2021	22.02	24/03/2021	06.24	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	18/03/2021	15.48		Continued.	EO	Attending Hot Spot
N.Koyna-Karad -Ckt II	IntraState	24/03/2021	08.24	24/03/2021	19.18	PO	COLD WASHING OF DISC INSULATOR STRING
Solapur - Parli(PG) I	IntraState	24/03/2021	11.18	24/03/2021	16.51	PO	(1) Bushing & winding C & Tan delta, Winding resistance & IR measurement of reactor. (2) Bay maintenance work. &Hardware Tightening Work.
Babhaleshwar - Padghe-I	IntraState	24/03/2021	16.53	24/03/2021	20.13	T	ATTENDING HOTSPOT AT BABLESHWAR 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 500 Mva ICT III @Aurangabad (Waluj)	IntraState	15/03/2021	12.29		Continued.	PO	New repaired Y phase Unit to be commissioned
400/220/33kv 315mva lct3 @Lonikand	IntraState	22/03/2021	12.04		Continued.	PO	For Servicing/Overhauling Of 400KV CGL Make C.B(In Service Through TBC)
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	24/03/2021	13.18	24/03/2021	20.44	PO	for quarterly bay maint work and for ICT-II LV CB to Line isolator jumper and bus isolator (29A & B) common T jumper replacement work
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)
PARLY (PG) - OSMANABAD	InterState	25/03/2021	00.29	25/03/2021	02.50	PO	Attending Hot Spot
ALKUD - MENDHEGIRI CKT - 1	IntraState	07/03/2021	09.18		Continued.	PO	For Erection Of 220Kv M/C Tower In R/O New 'K' Mahakal-Jath Line Near 220KV Mendhigiri-Alkud Line.
Boisar Versova Line	IntraState	22/03/2021	10.04	24/03/2021	16.19	PO	Overhauling Of 220KV Circuit Breaker Operation Mechanism.(In Service Through TBC)
Alkud Miraj	IntraState	22/03/2021	16.28		Continued.	PO	Removing Bunching And Making Alkud S/S Lilo On 220KV Vita-Mahisal Line.
Vita - Mhaishal	IntraState	22/03/2021	16.41		Continued.	PO	Removing Bunching And Making Alkud S/S Lilo On 220KV Vita-Mahisal Line.
Nerul-Trombay	IntraState	23/03/2021	08.47		Continued.	PO	OPGW stringing work
Nadgaonpeth-Amravati	IntraState	23/03/2021	10.33		Continued.	PO	Shifting of Old C&R panel
BHIRA (T) - KARANJADE CKT - 8	IntraState	24/03/2021	08.23	24/03/2021	13.52	PO	TLA INSTALLATION
Pedhambe - Oni	IntraState	24/03/2021	08.35	24/03/2021	19.05	PO	CB mechanism overhauling work at 220kV Oni S/s.

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 24/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedambe-Pophali	IntraState	24/03/2021	09.00	24/03/2021	10.05	T	R-PH CT OIL LEAKAGE
Ghodbunder Gorai Line	IntraState	24/03/2021	09.45	24/03/2021	14.21	PO	CB MARSHALLING BOX HEIGHT RAISING WORK
PARANDA BARSHI	IntraState	24/03/2021	10.05	24/03/2021	22.13	PO	Outage is Required for Quarterly Maintenance
Mahad - Pedambe	IntraState	24/03/2021	10.35	24/03/2021	15.20	PO	For chemical washing of insulator strings in Lote(P) MIDC area.
NERUL - SEAWOOD CABLE CKT - 2	IntraState	24/03/2021	11.58	24/03/2021	14.32	T	BUS BAR OPERATED AT NERUL
NERUL - SEAWOOD CABLE CKT - 1	IntraState	24/03/2021	11.58	24/03/2021	14.29	T	BUS BAR OPERATED AT NERUL
Kharghar - Nerul	IntraState	24/03/2021	11.58	24/03/2021	14.09	T	BUS BAR OPERATED AT NERUL
Koyna (Pophali) - Kdph	IntraState	24/03/2021	17.45		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/33kV 125 MVA Transformer 1 @REL Borivali	IntraState	24/03/2021	08.59	24/03/2021	17.18	PO	Annual Bay & Equipment maintenance.
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	24/03/2021	10.04	24/03/2021	20.13	PO	"Replacement of NGT-1 side cable support structure under 33 kV AIS to GIS Project
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	24/03/2021	14.32	24/03/2021	18.20	PO	CB MARSHALLING BOX HEIGHT RAISING WORK

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