

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	169.474	800.429	1) Gujrat	0.846	15.129
2) Hydro	13.551	75.924	2) Madhya Pradesh	11.129	63.466
3) Gas	6.562	32.853	3) Chattisgarh	4.000	22.080
Total MSPGCL	189.587	909.206	4) Maharashtra	148.191	700.726
B) 1) APML	59.702	343.341	5) Goa (Amona)	-1.052	-5.759
2) JSWEL	11.655	57.809	Total	163.114	795.642
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.419	139.139
4) RPL(AMT)	31.331	155.063	b) Mumbai Drawl	29.909	146.634
5) SWPGPL	8.872	44.208	c) MSEDCL Bilateral *	36.534	176.134
6) Other IPP	18.965	91.286	Include PX	4.916	15.957
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.419	138.731
C) 1) TPCL Thermal	5.703	27.515	Include PX	17.192	86.075
2) TPCL Hydro	7.180	39.537	Standby	0.000	0.408
3) TPCL Gas	3.429	17.164	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.003	58.778	1) MSEDCL	468.620	2332.129
D) STATE			2) Mumbai Discoms	58.224	289.627
1) Thermal	317.705	1578.429	TOTAL STATE	526.844	2621.756
(A1+C1+C4+(B1-B6))					
2) Hydro	20.731	115.461			
(A2+C2)					
3) Gas	9.991	50.017			
(A3+B7+C3)					
4) Wind	6.710	40.328			
6) SOLAR	8.593	41.880			
TOTAL STATE	363.730	1826.115			

* 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	7252	7308	6787	6983
MSPGCL Hydro	928	840	492	122
MSPGCL Gas	264	263	268	282
MSPGCL Total Generation	8444	8410	7546	7388
Central Sector Receipt	8025	7735	6120	6020
WIND	91	87	349	664
CPP / IPP Thermal	5441	5477	5560	5113
CPP / IPP Gas	0	0	0	0
SOLAR	1174	1190	0	0
Exchange with Mumbai	-1550	-1600	-1318	-995
MSEDCL DEMAND MET	21625	21300	18258	18190
Load Shedding	0	0	0	0
MSEDCL DEMAND	21625	21300	18258	18190
TPCL GENERATION	851	785	849	345
AEML GENERATION	500	501	499	499
MUMBAI DEMAND	2901	2886	2666	1839
STATE DEMAND MET	24526	24186	20924	20029
STATE DEMAND	24526	24186	20924	20029
Frequency (Hz)	49.94	49.95	49.94	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18:02 Hrs	49.86 Hz at 02:18 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 05/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.60	5.36	170	125
Unit 7	2.35	3.36	127	0
Unit 8	11.30	52.73	553	414
Unit 9	11.74	53.23	532	425
Unit 10	11.77	55.56	550	380
Total	40.76	170.24		
Bhusawal				
Unit 3	4.04	20.51	190	100
Unit 4	11.28	56.65	480	445
Unit 5	11.88	58.69	500	485
Total	27.20	135.85		
Parli				
Unit 6	5.51	26.81	247	195
Unit 7	0.00	6.65	0	0
Unit 8	5.67	28.56	250	200
Total	11.18	62.02		
Chandrapur				
Unit 3	2.87	14.62	135	112
Unit 4	3.64	18.31	155	145
Unit 5	9.98	50.45	430	320
Unit 6	9.90	49.84	427	375
Unit 7	0.00	0.00	0	0
Unit 8	11.99	59.29	505	495
Unit 9	11.47	57.32	491	465
Total	49.85	249.83		
Paras				
Unit 3	5.72	24.12	245	222
Unit 4	0.00	0.00	0	0
Total	5.72	24.12		
Khaparkheda				
Unit 1	3.18	16.30	145	120
Unit 2	3.90	18.78	170	155
Unit 3	4.59	22.83	205	160
Unit 4	4.04	21.49	180	140
Unit 5	10.79	48.11	460	440
Total	26.49	127.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.12	19.52	201	119
Unit 5	4.14	11.33	200	124
Total	8.27	30.85		
Uran				
All Units	6.56	32.85	293	254
Total	6.56	32.85		
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)	0.20	0.58	26	0
Total	0.20	0.58		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.24	19.45	555	40
Stage 4	3.94	26.30	882	0
Stage 3	2.02	9.80	240	0
Total	10.21	55.54		
Hydro				
KDPH	0.44	2.42	19	19
VTRNA	0.24	1.28	59	0
TILLARI	0.47	2.33	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	1.94	80	0
RNGR+BHTSA	0.35	1.72	15	14
BHANDARDRA	0.45	2.26	28	13
ELDARY	0.36	1.44	15	15
SMLHY_PTN	0.54	2.54	23	22
GHATGHAR	0.13	4.43	90	0
Total	3.34	20.38		
Wind				
Total	6.71	40.33	0	0
Total	6.71	40.33		
CPP				
APML(Mus)	59.70	343.34	0	0
JSWEL(Mus)	11.66	57.81	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.33	155.06	0	0
SWPGPL-Mus	8.87	44.21	0	0
Other(Mus)	18.96	91.29	0	0
Total	130.52	691.71		
SOLAR				
Total	8.59	41.88	0	0
Total	8.59	41.88		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.08	10.45	117	60
Trombay 7B	1.35	6.71	65	47
Trombay 8	5.70	27.52	240	236
TATA Hydro	7.18	39.54	434	0
Total	16.31	84.22		
AEML				
DTPS U-1&2	12.00	58.78	501	499
Total	12.00	58.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	169.47	800.43	MSPGCL Total	189.59	909.21
			MSPGCL Thml+Gas	176.04	833.28	Koyna 1,2 & 4 Total	8.18	45.75
			MSPGCL Hydro	13.55	75.92	State Total	363.73	1826.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Mar/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	7181	148	271	7600	397	5493	0	0	6591	6341	-1213	18618	0	18618	2197	20815	49.97
2	6924	122	271	7318	390	5438	0	0	6685	6452	-1145	18452	0	18452	2041	20494	49.92
3	6922	132	260	7314	545	5210	0	0	6486	6285	-1081	18273	0	18273	1926	20199	49.90
4	6983	122	282	7388	664	5113	0	0	6287	6020	-995	18190	0	18190	1839	20029	49.93
5	6991	138	272	7402	620	5182	0	0	6469	6425	-973	18655	0	18655	1817	20472	49.97
6	7139	422	262	7822	510	5408	0	0	6572	6525	-1023	19243	0	19243	1877	21120	49.99
7	7314	1604	283	9200	422	5512	0	2	6415	6376	-783	20729	0	20729	1943	22672	49.97
8	7346	1268	293	8908	384	5492	0	169	6893	6909	-826	21036	0	21036	2072	23108	50.02
9	7273	1178	282	8734	258	5438	0	516	6843	6894	-994	20846	0	20846	2326	23172	50.05
10	7160	946	288	8394	177	5492	0	792	7375	7432	-1268	21018	0	21018	2619	23637	50.02
11	7217	606	266	8088	95	5440	0	1017	7849	7776	-1484	20933	0	20933	2834	23767	49.97
12	7252	928	264	8444	91	5441	0	1174	7928	8025	-1550	21625	0	21625	2901	24526	49.94
13	7308	840	263	8410	87	5477	0	1190	7991	7735	-1600	21300	0	21300	2886	24186	49.95
14	7265	382	264	7910	109	5460	0	1119	8023	7841	-1481	20959	0	20959	2755	23714	50.03
15	7207	290	264	7760	101	5474	0	1054	8138	8122	-1518	20993	0	20993	2795	23788	50.00
16	7188	580	254	8022	116	5493	0	846	8007	7923	-1501	20900	0	20900	2833	23732	50.01
17	6964	920	265	8148	106	5476	0	525	7301	7144	-1447	19953	0	19953	2797	22750	49.96
18	6835	854	276	7964	154	5571	0	182	6812	6559	-1374	19056	0	19056	2725	21782	49.97
19	7018	264	277	7560	275	5562	0	7	6257	5807	-1307	17904	0	17904	2658	20562	50.00
20	6787	492	268	7546	349	5560	0	0	6249	6120	-1318	18258	0	18258	2666	20924	49.94
21	6692	288	288	7268	331	5428	0	0	6097	5768	-1274	17522	0	17522	2571	20093	50.00
22	6652	288	280	7220	232	5406	0	0	5766	5904	-1137	17625	0	17625	2443	20068	50.00
23	6812	220	279	7310	143	5427	0	0	6299	6648	-1259	18270	0	18270	2362	20632	49.99
24	7044	520	290	7854	154	5530	0	0	6428	6083	-1358	18264	0	18264	2341	20604	49.97
MUs	169.47	13.55	6.56	189.59	6.71	130.52	0.00	8.59	165.76	163.11	-29.91	468.62	0.00	468.62	58.22	526.84	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 05/Mar/2021

Position as on 6.30 Hrs of 06/Mar/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	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 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.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyana 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	
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	06/03/2021	04.10	CHP problem.	
MSPGCL	Parli Unit 7	250	02/03/2021	03.43	06/03/2021	18.08	Furnace Pressure High	
IPP	Adani U-2	660	04/03/2021	00.10		Continued.	Increase Hydrogen Consumption	
MSPGCL	Koradi Unit 7	210	05/03/2021	19.07	05/03/2021	23.21	Due To Tripping Of Station Transformer 4.	
MSPGCL	Koyana STG-IV Unit-1	250	06/03/2021	04.30	06/03/2021	20.35	Turbine side bearing temperature high & oil temperature high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	26/02/2021	10.15		Continued.	PO	(MSRDC-Highway Authority) modification of line, Nagpur-Mumbai express Highway Work.
Ektuni - Akola II Ckt I	IntraState	06/03/2021	13.05	06/03/2021	18.40	T	Distance Protection
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	04/03/2021	23.40	05/03/2021	04.04	EO	Attending Hot Spot
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	04/03/2021	19.32	05/03/2021	06.18	HT	Over Voltage
Koradi Bhilai	InterState	06/03/2021	13.11	06/03/2021	13.35	T	Distance Protection
Dhule Sar'Sarovar I	InterState	06/03/2021	20.15		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	05/03/2021	09.25	05/03/2021	18.46	PO	For Conductor & Earth wire H/W tightening work.
Padghe - Nagothane - I	IntraState	05/03/2021	16.01	05/03/2021	18.55	T	Distance Protection
Akola II - RPL(Rattanindia) Ckt-II	IntraState	06/03/2021	10.42	06/03/2021	18.59	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 315 Mva Ict 1 @Parali (Girwali)	IntraState	02/03/2021	09.24		Continued.	PO	Testing Work
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	06/03/2021	05.21	06/03/2021	09.34	T	On B-phase buchholz.
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)
Khaparkheda-Butibori 3	InterState	05/03/2021	08.32	05/03/2021	22.07	PO	Shifting of 220kv Khaparkheda-Butibori 3 on ERS towers for erection Proposed monopole tower Between loc no 173-176 Below the existing line for Samruddhi highway height Raising.
Badnera - Amravati	IntraState	25/02/2021	16.13		Continued.	HT	To Control 400KV Akola ICT Loading.
Ongc Uran - Jnpt	IntraState	04/03/2021	10.07	05/03/2021	17.02	PO	OPGW conductor pilling / replacement work between loc 14 & 15 for JNPT SEZ substation.
Nanded-Ghatodi	IntraState	05/03/2021	08.32	05/03/2021	14.00	PO	(1) For measurement of IR Values CB, capacitance & Tan delta values of CT & CC. (2) Routine maintenance & Relay testing trial taken by Testing unit YAVATMAL.
chandrapur-Tadali	IntraState	05/03/2021	08.45	05/03/2021	20.01	PO	For balance work A) Fixing of jumper missing n & b. B) Tightening of jumper n & b. C) Tightening of tower n & b. D) Suspension clamp of pilot string.
Chandrapur GCR -MIDC (Chandrapur)	IntraState	05/03/2021	08.47	05/03/2021	19.48	PO	For balance work A) Fixing of jumper missing n & b. B) Tightening of jumper n & b. C)

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 05/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Tightening of tower n & b. D) Suspension clamp of pilot string.
Pedambe-Nerle	IntraState	05/03/2021	08.48	05/03/2021	19.56	PO	cold washing of insulator strings.
Goregaon Versova Line 2	IntraState	05/03/2021	09.33		Continued.	PO	220kv Circuit Breaker (1152) Operating Mechanism Overhauling work.
Kalwa-TIFIL	IntraState	05/03/2021	09.47	05/03/2021	12.53	T	Bus section-2 outage at TIFIL availed
Mumewadi -Halkarni ckt-I	IntraState	05/03/2021	10.48	05/03/2021	17.01	T	R,Y,B CT structure strenghtning emergency outage.
Talandge-Mudshingi Ckt-I	IntraState	05/03/2021	10.50	05/03/2021	16.46	HT	For ICT Load Management.
Talandge(400)- Mudshingi 2 Line	IntraState	05/03/2021	10.50	05/03/2021	16.46	HT	For ICT Load Management.
Jambhul - Anandnagar	IntraState	05/03/2021	12.20	05/03/2021	20.58	PO	1)Servicing & Overhauling of 220 kV B/S Isolators 2)Testing of relays in r/o 220 kV Jambhul-Anandnagar Line. 3)Tan Delta measurement of 220 kV Bus PT-2.
OSMANABAD BARSHI	IntraState	05/03/2021	14.55	05/03/2021	20.38	PO	Work At Barshi End.
Osmanabad - Barshi	IntraState	05/03/2021	14.55	05/03/2021	20.41	PO	To attend ct oil leakage problem.
Padghe - Wada	IntraState	05/03/2021	17.46	06/03/2021	00.20	PO	To Attend Rusted Broken CT Secondary Box.
220kv Halkarni- Tillary	IntraState	06/03/2021	09.02		Continued.	PO	Replacement Of Circuit Breaker At Tillary End.
Ghodbunder MSETCL Boisar line	IntraState	06/03/2021	09.15	06/03/2021	18.22	PO	Replacement Of Missing/Broken Spacers At Various location.
Pedambe-Nerle	IntraState	06/03/2021	10.00	06/03/2021	19.00	PO	Cold Washing Of Insulator Strings.
Bus Coupler @ Kalwa	IntraState	06/03/2021	11.20	06/03/2021	12.50	PO	Testing Work
220kv Lonand- Phaltan line	IntraState	06/03/2021	11.35	06/03/2021	17.11	PO	For Retrofitting & Testing Work Of B/U Relay At 220KV Phaltan MIDC Substation.
Lamboti(solapur)-Karkamb	IntraState	06/03/2021	13.03	06/03/2021	18.31	PO	Outage Is Required For Insulator String Replacement LOC No. 460,463,472,473 String Found Faulty During PID Testing & Chemical Cleaning Of Multi Circuit Portion.
Pegasus - Infosys	IntraState	06/03/2021	13.15	06/03/2021	18.50	PO	Annual Relay Testing Work.
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
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	05/03/2021	02.10	05/03/2021	11.50	T	Tripped On 33KV Feeder Fault.
220/33kV 100 MVA Transformer 1 @Aarey R/S	IntraState	05/03/2021	08.16	05/03/2021	22.03	PO	For Charging of GIS Board-09 and HT incomer cables connection at NGT-1 and Swgr end under 33kV AIS to GIS Scheme
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	05/03/2021	09.53	05/03/2021	19.59	PO	1)Servicing & Overhauling of 220 kV B/S Isolators 2)Testing of relays in r/o 220 kV Jambhul-Anandnagar Line. 3) Tan Delta measurement of 220 Kv BUS PT- 2.
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	05/03/2021	10.01	05/03/2021	15.00	PO	Replacement of HV side LA of R Ph, replacement of WTI, Main bus isolator maintenance work with the help of hot line.
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	05/03/2021	11.07	05/03/2021	15.49	PO	Diagnostic Testing Work (SFRA).
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	05/03/2021	12.01	05/03/2021	14.38	PO	Testing & maintenance Work.
220/22 Kv 50 Mva Vijai Ptr 3	IntraState	06/03/2021	09.31	06/03/2021	13.00	PO	Transformer LV Side Y-Phase

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 05/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Mahape	IntraState	06/03/2021	10.05	06/03/2021	16.36	PO	Jumper And Y-Phase Bus Top Hotspot Attending Work.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)							Attending Oil Leakage