

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.090	971.519	1) Gujrat	2.710	17.839
2) Hydro	21.421	97.345	2) Madhya Pradesh	11.872	75.338
3) Gas	6.720	39.573	3) Chattisgarh	3.700	25.780
Total MSPGCL	199.231	1108.437	4) Maharashtra	146.515	847.241
B) 1) APML	57.368	400.709	5) Goa (Amona)	-1.279	-7.038
2) JSWEL	12.845	70.654	Total	163.518	959.160
3) VIPL	0.000	0.000	a) Mumbai Schedule	27.836	166.974
4) RPL(AMT)	29.456	184.519	b) Mumbai Drawl	29.516	176.150
5) SWPGPL	9.296	53.504	c) MSEDCL Bilateral *	38.572	214.706
6) Other IPP	19.138	110.424	Include PX	5.796	21.753
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	27.836	166.566
C) 1) TPCL Thermal	5.649	33.164	Include PX	14.791	100.866
2) TPCL Hydro	6.488	46.025	Standby	0.000	0.408
3) TPCL Gas	3.968	21.132	H) ENERGY CATERED (MUs)		
4) AEML Thermal	12.007	70.785	1) MSEDCL	475.473	2807.602
D) STATE			2) Mumbai Discoms	57.628	347.255
1) Thermal	316.849	1895.278	TOTAL STATE	533.101	3154.857
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	27.909	143.370			
3) Gas (A3+B7+C3)	10.688	60.705			
4) Wind	5.527	45.855			
6) SOLAR	8.610	50.490			
TOTAL STATE	369.583	2195.698			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	7167	7155	7131	7000
MSPGCL Hydro	1241	1182	1058	128
MSPGCL Gas	266	275	267	282
MSPGCL Total Generation	8674	8612	8456	7410
Central Sector Receipt	7936	7777	6296	6063
WIND	89	86	422	191
CPP / IPP Thermal	5482	5445	4874	5530
CPP / IPP Gas	0	0	0	0
SOLAR	1134	1146	7	0
Exchange with Mumbai	-1474	-1548	-1250	-1019
MSEDCL DEMAND MET	21841	21518	18805	18174
Load Shedding	0	0	0	0
MSEDCL DEMAND	21841	21518	18805	18174
TPCL GENERATION	848	777	842	381
AEML GENERATION	500	500	500	500
MUMBAI DEMAND	2822	2825	2592	1900
STATE DEMAND MET	24663	24343	21397	20074
STATE DEMAND	24663	24343	21397	20074
Frequency (Hz)	50.01	49.98	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08:01 Hrs	49.77 Hz at 22:08 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 06/Mar/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.92	9.28	180	135
Unit 7	3.10	6.46	154	111
Unit 8	9.38	62.12	507	296
Unit 9	11.85	65.09	538	459
Unit 10	10.02	65.58	500	330
Total	38.29	208.52		
Bhusawal				
Unit 3	4.32	24.82	190	130
Unit 4	11.34	67.99	480	460
Unit 5	11.30	69.98	500	440
Total	26.95	162.80		
Parli				
Unit 6	5.55	32.37	243	160
Unit 7	0.45	7.10	126	0
Unit 8	5.82	34.38	250	210
Total	11.83	73.85		
Chandrapur				
Unit 3	3.00	17.62	139	111
Unit 4	3.40	21.71	151	131
Unit 5	10.14	60.59	429	395
Unit 6	9.76	59.60	425	390
Unit 7	0.00	0.00	0	0
Unit 8	11.95	71.24	500	490
Unit 9	11.20	68.52	485	441
Total	49.45	299.28		
Paras				
Unit 3	5.87	29.99	255	218
Unit 4	3.99	3.99	245	0
Total	9.85	33.98		
Khaparkheda				
Unit 1	3.02	19.32	145	110
Unit 2	3.88	22.65	165	140
Unit 3	4.05	26.88	186	150
Unit 4	3.93	25.42	194	140
Unit 5	11.15	59.26	485	453
Total	26.02	153.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.37	23.89	197	129
Unit 5	4.33	15.65	202	123
Total	8.69	39.54		
Uran				
All Units	6.72	39.57	292	265
Total	6.72	39.57		
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	0.79	27	0
Total	0.20	0.79		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.26	25.71	585	45
Stage 4	7.27	33.57	737	0
Stage 3	3.08	12.88	240	0
Total	16.62	72.16		
Hydro				
KDPH	0.67	3.10	36	18
VTRNA	0.24	1.52	59	0
TILLARI	0.26	2.59	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	2.39	80	0
RNGR+BHTSA	0.35	2.07	15	14
BHANDARDRA	0.33	2.59	14	13
ELDARY	0.36	1.80	15	15
SMLHY_PTN	0.53	3.07	22	21
GHATGHAR	1.62	6.05	250	0
Total	4.81	25.18		
Wind				
Total	5.53	45.86	0	0
Total	5.53	45.86		
CPP				
APML(Mus)	57.37	400.71	0	0
JSWEL(Mus)	12.84	70.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.46	184.52	0	0
SWPGPL-Mus	9.30	53.50	0	0
Other(Mus)	19.14	110.42	0	0
Total	128.10	819.81		
SOLAR				
Total	8.61	50.49	0	0
Total	8.61	50.49		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.49	12.95	118	69
Trombay 7B	1.47	8.18	66	52
Trombay 8	5.65	33.16	238	232
TATA Hydro	6.49	46.02	434	0
Total	16.10	100.32		
AEML				
DTPS U-1&2	12.01	70.78	502	499
Total	12.01	70.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.09	971.52	MSPGCL Total	199.23	1108.44
			MSPGCL Thml+Gas	177.81	1011.09	Koyna 1,2 & 4 Total	13.53	59.28
			MSPGCL Hydro	21.42	97.34	State Total	369.58	2195.70

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	7082	506	280	7868	146	5513	0	0	6382	6597	-1330	18794	0	18794	2241	21035	49.92
2	7041	362	291	7694	181	5501	0	0	6229	6122	-1230	18268	0	18268	2110	20378	49.96
3	6988	190	291	7470	171	5527	0	0	6262	6126	-1116	18178	0	18178	1997	20174	49.99
4	7000	128	282	7410	191	5530	0	0	6245	6063	-1019	18174	0	18174	1900	20074	49.99
5	6994	256	292	7542	152	5524	0	0	6218	6183	-990	18412	0	18412	1886	20298	50.01
6	7021	968	291	8280	164	5532	0	0	6258	6443	-1027	19392	0	19392	1930	21322	50.03
7	7182	1614	292	9088	177	5609	0	13	6059	6619	-883	20624	0	20624	1979	22602	49.96
8	7283	1930	292	9506	112	5576	0	166	6420	6665	-784	21240	0	21240	2052	23292	50.04
9	7262	992	292	8546	75	5614	0	522	7073	7348	-957	21148	0	21148	2250	23398	50.06
10	7191	1118	280	8590	72	5563	0	825	7218	7220	-1183	21086	0	21086	2532	23618	50.03
11	7211	1158	278	8648	75	5478	0	1051	7554	7542	-1396	21398	0	21398	2747	24144	50.00
12	7167	1241	266	8674	89	5482	0	1134	7891	7936	-1474	21841	0	21841	2822	24663	50.01
13	7155	1182	275	8612	86	5445	0	1146	8108	7777	-1548	21518	0	21518	2825	24343	49.98
14	7110	672	265	8047	152	5197	0	1187	8033	7878	-1470	20991	0	20991	2717	23708	50.02
15	7152	1165	266	8583	224	4766	0	1022	8192	8476	-1474	21597	0	21597	2733	24330	49.94
16	7129	1652	275	9056	260	4688	0	814	7977	7909	-1436	21291	0	21291	2740	24031	49.89
17	7091	1751	265	9107	306	4849	0	539	6921	7090	-1323	20568	0	20568	2671	23239	49.93
18	7092	1614	277	8983	381	4956	0	184	6498	6418	-1279	19643	0	19643	2626	22269	49.99
19	7131	1058	267	8456	422	4874	0	7	6213	6296	-1250	18805	0	18805	2592	21397	49.97
20	7154	905	288	8347	461	5230	0	0	6217	5979	-1275	18742	0	18742	2624	21366	49.96
21	7012	364	269	7645	482	5429	0	0	6159	5748	-1220	18084	0	18084	2548	20632	49.97
22	7074	266	289	7629	381	5371	0	0	6014	6285	-1213	18453	0	18453	2431	20884	49.93
23	7243	206	279	7728	402	5375	0	0	6484	6333	-1361	18477	0	18477	2353	20830	49.93
24	7325	122	278	7725	365	5474	0	0	6586	6465	-1278	18751	0	18751	2322	21073	50.00
MUs	171.09	21.42	6.72	199.23	5.53	128.10	0.00	8.61	163.21	163.52	-29.52	475.47	0.00	475.47	57.63	533.10	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 06/Mar/2021

Position as on 6.30 Hrs of 07/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 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	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	Koyana STG-IV Unit-1	250	06/03/2021	04.30	06/03/2021	20.35	Turbine side bearing temperature high & oil temperature high.	
MSPGCL	Uran Unit 5	108	07/03/2021	00.07	07/03/2021	20.30	Filter Replacement Work.	
IPP	Adani U-5	660	07/03/2021	12.59		Continued.	APH 5A Hot Air Duct Heavy Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 07/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
Ektuni - Akola II Ckt I	IntraState	07/03/2021	12.23	07/03/2021	14.27	T	Distance Protection
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT I @ Aurangabad (Ektuni)	IntraState	07/03/2021	17.50	07/03/2021	18.22	PO	Isolator Realignment Work.
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
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	07/03/2021	06.34	HT	Over Voltage
Dhule Khandwa I	InterState	07/03/2021	06.54	07/03/2021	12.36	HT	To Control Over Loading Of Dhule ICT.
Dhule Sar'Sarovar I	InterState	07/03/2021	18.02		Continued.	T	DT Received From SSP Over Voltage 438 KV.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	06/03/2021	10.42	06/03/2021	18.59	T	Distance Protection
Chandrapur - Khaperkheda	IntraState	07/03/2021	13.16	07/03/2021	14.49	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)
Badnera - Amravati	IntraState	25/02/2021	16.13	07/03/2021	22.48	HT	To Control 400KV Akola ICT Loading.
Goregaon Versova Line 2	IntraState	05/03/2021	09.33		Continued.	PO	220kv Circuit Breaker (1152) Operating Mechanism Overhauling work.
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.
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.

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 06/Mar/2021

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Mudshingi Ckt-I	IntraState	07/03/2021	10.59	07/03/2021	15.11	HT	For ICT Load Management.
Kandalgaon - Pirangut	IntraState	07/03/2021	12.12	07/03/2021	19.00	PO	Commission And Erection Of Wave Trap & CC.
Trombay - Kalwa	IntraState	07/03/2021	13.06	07/03/2021	19.42	PO	Conductor Sag Clearance Work.
Dhamangaon New - Badnera	IntraState	07/03/2021	17.56	07/03/2021	21.19	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
220/22 Kv 50 Mva Vijai Ptr 3 @Mahape	IntraState	06/03/2021	09.31	06/03/2021	13.00	PO	Transformer LV Side Y-Phase Jumper And Y-Phase Bus Top Hotspot Attending Work.
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	06/03/2021	10.05	06/03/2021	16.36	PO	Attending Oil Leakage
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	07/03/2021	09.26		Continued.	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Bale (Solapur 2)	IntraState	07/03/2021	16.22	07/03/2021	17.00	HT	Emergency As Metering Core Of HV CT Opened Due To Cable Damage.

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