

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/May/2021 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.066	394.543	1) Gujrat	-1.704	-7.927
2) Hydro	10.859	33.130	2) Madhya Pradesh	11.599	32.628
3) Gas	7.107	27.046	3) Chattisgarh	5.560	16.810
Total MSPGCL	148.032	454.719	4) Maharashtra	142.108	413.194
B) 1) APML	68.854	202.317	5) Goa (Amona)	-1.976	-5.326
2) JSWEL	14.024	38.895	Total	155.587	449.379
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.068	63.457
4) RPL(AMT)	31.023	87.985	b) Mumbai Drawl	25.024	77.651
5) SWPGPL	6.924	19.326	c) MSEDCL Bilateral *	36.029	101.186
6) Other IPP	14.340	43.294	Include PX	5.486	13.481
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.068	63.457
C) 1) TPCL Thermal	13.455	36.413	Include PX	5.914	14.602
2) TPCL Hydro	5.233	9.003	Standby	0.000	0.000
3) TPCL Gas	4.358	13.097	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.922	26.763	1) MSEDCL	432.515	1270.684
D) STATE			2) Mumbai Discoms	57.992	162.927
1) Thermal	288.608	849.536	TOTAL STATE	490.507	1433.611
(A1+C1+C4+(B1-B6))					
2) Hydro	16.092	42.133			
(A2+C2)					
3) Gas	11.465	40.143			
(A3+B7+C3)					
4) Wind	11.047	32.501			
6) SOLAR	7.708	19.919			
TOTAL STATE	334.920	984.232			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5383	5458	5524	5198
MSPGCL Hydro	694	790	588	252
MSPGCL Gas	414	342	82	414
MSPGCL Total Generation	6492	6590	6194	5864
Central Sector Receipt	7130	7336	5929	5754
WIND	188	306	445	680
CPP / IPP Thermal	5337	6051	6027	5133
CPP / IPP Gas	0	0	0	0
SOLAR	1162	555	0	0
Exchange with Mumbai	-1352	-983	-772	-1160
MSEDCL DEMAND MET	18956	19856	17824	16272
Load Shedding	0	0	0	0
MSEDCL DEMAND	18956	19856	17824	16272
TPCL GENERATION	985	1282	1222	601
AEML GENERATION	298	499	501	286
MUMBAI DEMAND	2635	2764	2495	2047
STATE DEMAND MET	21592	22620	20318	18318
STATE DEMAND	21592	22620	20318	18318
Frequency (Hz)	49.90	50.05	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.02 Hrs	49.78 Hz at 11.09 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 03/May/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	13.34	38.47	602	448
Unit 9	0.00	0.00	0	0
Unit 10	11.82	34.26	535	442
Total	25.17	72.73		
Bhusawal				
Unit 3	3.31	10.20	175	120
Unit 4	11.90	34.78	500	490
Unit 5	11.68	34.79	500	460
Total	26.90	79.78		
Parli				
Unit 6	4.15	12.89	220	129
Unit 7	4.61	14.36	216	180
Unit 8	4.59	13.86	202	182
Total	13.34	41.11		
Chandrapur				
Unit 3	3.54	6.29	152	143
Unit 4	0.00	0.00	0	0
Unit 5	1.72	1.72	380	0
Unit 6	9.61	28.34	415	367
Unit 7	0.00	0.00	0	0
Unit 8	7.15	30.36	339	282
Unit 9	7.19	28.44	350	290
Total	29.22	95.16		
Paras				
Unit 3	5.53	15.74	243	182
Unit 4	5.48	16.29	250	130
Total	11.02	32.03		
Khaparkheda				
Unit 1	2.36	7.37	110	80
Unit 2	0.00	0.00	0	0
Unit 3	4.22	12.62	185	165
Unit 4	0.00	0.93	0	0
Unit 5	11.00	32.15	460	450
Total	17.58	53.07		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.42	10.31	193	125
Unit 5	3.42	10.36	200	127
Total	6.85	20.67		
Uran				
All Units	7.11	27.05	435	0
Total	7.11	27.05		
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)	0.24	0.53	24	0
Total	0.24	0.53		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.68	7.77	485	35
Stage 4	0.77	2.62	252	0
Stage 3	1.07	2.35	80	0
Total	4.53	12.74		
Hydro				
KDPH	0.80	2.41	34	34
VTRNA	0.89	2.78	59	0
TILLARI	0.01	0.94	7	0
BHIRA T.R.	0.24	0.60	80	0
SMLHY_PTN	4.24	13.52	191	160
GHATGHAR	0.14	0.14	125	0
Total	6.33	20.39		
Wind				
Total	11.05	32.50	0	0
Total	11.05	32.50		
CPP				
APML(Mus)	68.85	202.32	0	0
JSWEL(Mus)	14.02	38.90	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.02	87.98	0	0
SWPGPL-Mus	6.92	19.33	0	0
Other(Mus)	14.34	43.29	0	0
Total	135.16	391.82		
SOLAR				
Total	7.71	19.92	0	0
Total	7.71	19.92		
Tata				
Trombay 5	9.08	24.47	483	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	8.36	117	113
Trombay 7B	1.58	4.74	66	65
Trombay 8	4.38	11.94	233	136
TATA Hydro	5.23	9.00	394	0
Total	23.05	58.51		
AEML				
DTPS U-1&2	9.92	26.76	501	284
Total	9.92	26.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.07	394.54	MSPGCL Total	148.03	454.72
			MSPGCL Thml+Gas	137.17	421.59	Koyna 1,2 & 4 Total	3.46	10.40
			MSPGCL Hydro	10.86	33.13	State Total	334.92	984.23

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/May/2021

Annexure-2

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	5084	252	412	5748	653	5369	0	0	6178	6055	-1156	16668	0	16668	2447	19115	50.03
2	5093	258	414	5764	899	5359	0	0	5944	5579	-1165	16436	0	16436	2297	18733	50.01
3	5133	260	435	5828	737	5121	0	0	5785	5800	-1181	16304	0	16304	2149	18454	50.00
4	5198	252	414	5864	680	5133	0	0	5753	5754	-1160	16272	0	16272	2047	18318	49.99
5	5285	252	415	5952	656	5340	0	0	5788	5799	-1118	16630	0	16630	2004	18634	50.00
6	5321	258	435	6014	631	5490	0	0	6551	6560	-1155	17540	0	17540	2042	19582	50.02
7	5332	242	416	5990	505	5841	0	51	6773	6515	-1106	17796	0	17796	1991	19788	50.01
8	5398	252	425	6074	354	5696	0	268	6646	6954	-1150	18196	0	18196	2047	20244	50.01
9	5462	336	423	6220	290	5633	0	579	6537	6749	-1237	18234	0	18234	2252	20486	50.03
10	5440	434	411	6284	431	5490	0	851	6896	7011	-1303	18764	0	18764	2453	21218	49.99
11	5453	632	397	6482	296	4981	0	977	7313	7334	-1350	18720	0	18720	2594	21314	49.92
12	5383	694	414	6492	188	5337	0	1162	7429	7130	-1352	18956	0	18956	2635	21592	49.90
13	5340	374	395	6108	89	5752	0	1081	7476	7217	-1019	19228	0	19228	2669	21898	50.01
14	5376	452	395	6224	97	5888	0	896	7034	7199	-907	19396	0	19396	2660	22056	50.01
15	5442	938	404	6784	152	6001	0	697	7439	7140	-999	19776	0	19776	2750	22526	49.96
16	5458	790	342	6590	306	6051	0	555	7751	7336	-983	19856	0	19856	2764	22620	50.05
17	5469	726	23	6218	493	5982	0	409	7255	6792	-955	18938	0	18938	2672	21610	50.03
18	5653	544	0	6198	829	5799	0	163	6246	6177	-808	18358	0	18358	2534	20892	50.02
19	5671	402	9	6082	498	5546	0	19	5867	5722	-703	17164	0	17164	2383	19548	50.08
20	5753	468	27	6248	394	5587	0	0	5985	5718	-733	17214	0	17214	2429	19644	50.03
21	5549	518	40	6108	436	5656	0	0	5757	5909	-718	17390	0	17390	2441	19832	50.01
22	5524	588	82	6194	445	6027	0	0	5999	5929	-772	17824	0	17824	2495	20318	49.99
23	5633	498	155	6286	492	6069	0	0	6529	6724	-943	18628	0	18628	2578	21206	49.97
24	5616	438	224	6278	496	6017	0	0	6849	6484	-1051	18224	0	18224	2659	20882	49.97
MUs	130.07	10.86	7.11	148.03	11.05	135.16	0.00	7.71	157.78	155.59	-25.02	432.51	0.00	432.51	57.99	490.51	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 03/May/2021

Position as on 6.30 Hrs of 04/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	
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 (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
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.12.05.21)	
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	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 9	660	24/04/2021	14.59		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	28/04/2021	13.01	03/05/2021	14.17	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	01/05/2021	06.02	04/05/2021	00.59	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	03/05/2021	15.44	03/05/2021	22.42	Bus Fault R-Phase string broken.	
MSPGCL	Uran Unit 8	108	03/05/2021	15.44	03/05/2021	18.34	Bus Fault R-Phase string broken.	
MSPGCL	Uran Unit 5	108	03/05/2021	15.44		Continued.	Bus Fault R-Phase string broken.	
MSPGCL	Uran Unit 6	108	03/05/2021	16.12	03/05/2021	19.53	Bus Fault R-Phase string broken.	
MSPGCL	Uran Unit A0	120	03/05/2021	16.12	03/05/2021	23.33	Bus Fault R-Phase string broken.	
MSPGCL	Chandrapur Unit 5	500	03/05/2021	20.26		Continued.	ID fan tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2021

Statement-VII

Position as on 6.30 Hrs of 04/May/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
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway).
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway)
Dhule Sar'Sarovar I	InterState	02/05/2021	18.31	03/05/2021	08.30	HT	Over Voltage
Dabhol Nagothane II	InterState	03/05/2021	10.50	03/05/2021	20.20	PO	Cold washing,E/W replacement Work & Faulty string replacement Work.
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	02/05/2021	20.03	03/05/2021	08.30	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	03/05/2021	07.14	03/05/2021	17.17	PO	Work of strings replacement detected faulty in PID testing are to be replaced by availing outage on 400 kV Akola-Nandgaonpeth line.
Babhaleshwar - Padghe-I	IntraState	03/05/2021	12.15	03/05/2021	20.01	PO	To attend broken disc insulator replacement wrok.
Chandrapur-II - Nanded ckt II	IntraState	04/05/2021	06.07		Continued.	PO	Line Maintenance work
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.
400/220kv 315 Mva ICT I @Karad	IntraState	03/05/2021	07.16		Continued.	PO	For RRS REF stability work, RRS PG isolator trials, diagnostic testing work, routine & premonsoon maintenance 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)
Chalishaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
Chikhli-Jalna-I	IntraState	26/04/2021	12.14		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Dahanu Ghodbunder Line 2	IntraState	03/05/2021	06.30	03/05/2021	16.02	PO	Shifting of LS line from its existing position (Temporary diversion) to newly constructed Permanent towers under DFCCIL Modification / Diversion works. Location - LS-12A-13-14.
Kandalgaon - Koyna (Pophali)	IntraState	03/05/2021	09.50	03/05/2021	18.15	PO	Jumper nut bolt tightening.

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 03/May/2021

Statement-VII

Position as on 6.30 Hrs of 04/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	03/05/2021	14.53	03/05/2021	16.12	HT	220V DC charger replacement at 220KV Jalkot S/ST.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 1	IntraState	03/05/2021	14.53	03/05/2021	16.12	HT	220V DC charger replacement at 220KV Jalkot S/ST.
Uran - Kharghar I	IntraState	03/05/2021	15.44	03/05/2021	16.20	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Uran - Apta III	IntraState	03/05/2021	15.44	03/05/2021	16.20	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Uran - Ongc Uran	IntraState	03/05/2021	15.44	03/05/2021	16.22	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Uran - Jnpt	IntraState	03/05/2021	15.44	03/05/2021	16.14	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Uran - Apta IV	IntraState	03/05/2021	15.44		Continued.	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
Uran - Apta II	IntraState	03/05/2021	15.44	03/05/2021	16.15	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Bb Ptr 2 @Uran	IntraState	03/05/2021	15.44	03/05/2021	16.23	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.
220/22 Kv 50 Mva Vijai Make Ptr 1 @Uran	IntraState	03/05/2021	15.44	03/05/2021	16.23	T	Bus fault at Uran due to 220KV Uran Apta ckt 4String fell.

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