

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.812	130.812	1) Gujrat	-2.645	-2.645
2) Hydro	12.294	12.294	2) Madhya Pradesh	10.340	10.340
3) Gas	9.916	9.916	3) Chattisgarh	5.830	5.830
Total MSPGCL	153.022	153.022	4) Maharashtra	135.463	135.463
B) 1) APLM	66.197	66.197	5) Goa (Amona)	-1.868	-1.868
2) JSWEL	12.824	12.824	Total	147.120	147.120
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.107	20.107
4) RPL(AMT)	28.266	28.266	b) Mumbai Drawl	28.441	28.441
5) SWPGPL	5.600	5.600	c) MSEDCL Bilateral *	32.593	32.593
6) Other IPP	14.934	14.934	Include PX	2.607	2.607
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.107	20.107
C) 1) TPCL Thermal	10.378	10.378	Include PX	3.428	3.428
2) TPCL Hydro	2.108	2.108	Standby	0.000	0.000
3) TPCL Gas	4.372	4.372	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.471	7.471	1) MSEDCL	418.036	418.036
D) STATE			2) Mumbai Discoms	52.770	52.770
1) Thermal	276.482	276.482	TOTAL STATE	470.806	470.806
(A1+C1+C4+(B1-B6))					
2) Hydro	14.402	14.402			
(A2+C2)					
3) Gas	14.288	14.288			
(A3+B7+C3)					
4) Wind	12.285	12.285			
6) SOLAR	6.229	6.229			
TOTAL STATE	323.686	323.686			

* 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 23 Hrs
MSPGCL Thermal	5332	5506	5555	5534
MSPGCL Hydro	768	732	420	574
MSPGCL Gas	406	407	412	412
MSPGCL Total Generation	6506	6646	6386	6520
Central Sector Receipt	6631	6365	5736	6135
WIND	72	539	522	445
CPP / IPP Thermal	4805	5848	5134	5240
CPP / IPP Gas	0	0	0	0
SOLAR	1046	389	0	0
Exchange with Mumbai	-1143	-1270	-1354	-1373
MSEDCL DEMAND MET	17918	18516	16424	16968
Load Shedding	0	0	0	0
MSEDCL DEMAND	17918	18516	16424	16968
TPCL GENERATION	711	706	735	711
AEML GENERATION	284	283	285	394
MUMBAI DEMAND	2138	2259	2374	2478
STATE DEMAND MET	20056	20776	18798	19446
STATE DEMAND	20056	20776	18798	19446
Frequency (Hz)	50.00	50.04	49.97	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.73 Hz at 23.21 Hrs	49.99	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 01/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	13.26	13.26	602	430
Unit 9	0.00	0.00	0	0
Unit 10	11.40	11.40	534	423
Total	24.67	24.67		
Bhusawal				
Unit 3	3.52	3.52	185	120
Unit 4	11.33	11.33	500	305
Unit 5	11.49	11.49	500	330
Total	26.34	26.34		
Parli				
Unit 6	3.82	3.82	221	128
Unit 7	4.99	4.99	223	184
Unit 8	4.66	4.66	207	180
Total	13.47	13.47		
Chandrapur				
Unit 3	0.11	0.11	113	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	9.34	9.34	425	301
Unit 7	0.00	0.00	0	0
Unit 8	11.74	11.74	496	476
Unit 9	10.68	10.68	472	428
Total	31.86	31.86		
Paras				
Unit 3	4.43	4.43	249	130
Unit 4	5.70	5.70	254	194
Total	10.12	10.12		
Khaparkheda				
Unit 1	2.35	2.35	110	80
Unit 2	0.00	0.00	0	0
Unit 3	4.20	4.20	194	155
Unit 4	0.93	0.93	170	0
Unit 5	10.37	10.37	460	400
Total	17.85	17.85		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.23	3.23	198	125
Unit 5	3.26	3.26	198	129
Total	6.49	6.49		
Uran				
All Units	9.92	9.92	435	384
Total	9.92	9.92		
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)	0.14	0.14	23	0
Total	0.14	0.14		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.77	2.77	340	35
Stage 4	1.43	1.43	502	0
Stage 3	0.83	0.83	160	0
Total	5.04	5.04		
Hydro				
KDPH	0.80	0.80	34	34
VTRNA	1.00	1.00	59	0
TILLARI	0.46	0.46	58	0
BHIRA T.R.	0.22	0.22	80	0
SMLHY_PTN	4.77	4.77	219	180
GHATGHAR	0.00	0.00	0	0
Total	7.26	7.26		
Wind				
Total	12.28	12.28	0	0
Total	12.28	12.28		
CPP				
APML(Mus)	66.20	66.20	0	0
JSWEL(Mus)	12.82	12.82	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	28.27	28.27	0	0
SWPGPL-Mus	5.60	5.60	0	0
Other(Mus)	14.93	14.93	0	0
Total	127.82	127.82		
SOLAR				
Total	6.23	6.23	0	0
Total	6.23	6.23		
Tata				
Trombay 5	6.91	6.91	402	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	2.79	117	114
Trombay 7B	1.58	1.58	66	66
Trombay 8	3.47	3.47	204	137
TATA Hydro	2.11	2.11	273	0
Total	16.86	16.86		
AEML				
DTPS U-1&2	7.47	7.47	502	283
Total	7.47	7.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.81	130.81	MSPGCL Total	153.02	153.02
			MSPGCL Thml+Gas	140.73	140.73	Koyna 1,2 & 4 Total	4.20	4.20
			MSPGCL Hydro	12.29	12.29	State Total	323.69	323.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/May/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	5738	286	414	6438	997	5900	0	0	6071	5876	-1320	17890	0	17890	2480	20370	49.96
2	5592	286	412	6290	1145	5904	0	0	6148	5840	-1343	17836	0	17836	2336	20172	49.90
3	5582	288	435	6306	1184	5905	0	0	5984	5805	-1313	17886	0	17886	2201	20088	49.96
4	5519	290	414	6224	1137	5900	0	0	5944	5801	-1210	17852	0	17852	2096	19948	49.97
5	5555	288	416	6258	1012	5881	0	0	6172	5911	-1162	17900	0	17900	2049	19950	49.98
6	5510	278	433	6220	823	5873	0	0	6736	6406	-1201	18122	0	18122	2090	20212	50.00
7	5510	278	425	6212	596	5852	0	45	6947	6438	-866	18278	0	18278	2042	20320	50.05
8	5496	346	415	6258	304	5845	0	215	6505	6206	-762	18066	0	18066	1964	20030	50.04
9	5367	392	434	6192	132	5354	0	422	6167	5978	-1075	17004	0	17004	2035	19038	50.05
10	5410	458	412	6280	107	4775	0	676	6246	6492	-1114	17216	0	17216	2076	19292	50.02
11	5360	454	398	6212	89	4771	0	917	6404	6296	-1109	17176	0	17176	2108	19284	49.99
12	5332	768	406	6506	72	4805	0	1046	6493	6631	-1143	17918	0	17918	2138	20056	50.00
13	5392	870	404	6666	92	4930	0	913	6571	6408	-1161	17848	0	17848	2149	19996	49.95
14	5438	1052	384	6874	165	4965	0	724	6590	6647	-1188	18188	0	18188	2175	20362	49.99
15	5448	992	404	6844	125	5294	0	548	6681	6623	-1260	18174	0	18174	2251	20424	50.05
16	5506	732	407	6646	539	5848	0	389	6500	6365	-1270	18516	0	18516	2259	20776	50.04
17	5449	412	407	6268	550	5272	0	233	6321	6143	-1181	17286	0	17286	2176	19462	50.03
18	5423	606	408	6436	568	4537	0	88	5789	6001	-1082	16548	0	16548	2093	18642	50.01
19	5118	336	412	5866	430	4622	0	13	5741	5734	-1081	15584	0	15584	2072	17656	50.04
20	5012	684	410	6106	271	4573	0	0	5814	6230	-1224	15956	0	15956	2234	18190	49.95
21	5460	498	420	6378	529	5036	0	0	5800	5262	-1290	15914	0	15914	2321	18236	49.97
22	5555	420	412	6386	522	5134	0	0	5940	5736	-1354	16424	0	16424	2374	18798	49.97
23	5534	574	412	6520	445	5240	0	0	6287	6135	-1373	16968	0	16968	2478	19446	49.90
24	5506	706	422	6634	451	5605	0	0	6251	6156	-1359	17488	0	17488	2573	20060	49.89
MUs	130.81	12.29	9.92	153.02	12.29	127.82	0.00	6.23	150.10	147.12	-28.44	418.04	0.00	418.04	52.77	470.81	49.99

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 01/May/2021

Position as on 6.30 Hrs of 02/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	
IPP	SWPGPL U-2	135	25/04/2021	23.51	01/05/2021	23.58	ID Fan Vibrations	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	01/05/2021	00.40	02/05/2021	03.00	Low Vacuum	
MSPGCL	Khaparkheda Unit 4	210	01/05/2021	06.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2021

Statement-VII

Position as on 6.30 Hrs of 02/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 li	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 I	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 II	InterState	30/04/2021	18.28	02/05/2021	08.51	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/05/2021	15.47	01/05/2021	16.21	T	Distance Protection
Dhule Sar'Sarovar I	InterState	02/05/2021	18.31		Continued.	HT	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Girwali-Solapur (Lamboti)	IntraState	30/04/2021	16.20	02/05/2021	01.35	EO	To attend Flashover
Alkud-Kolhapur(Talandage)	IntraState	01/05/2021	05.06	01/05/2021	05.23	HT	Bus shifting
Deepnagar Waluj 1	IntraState	01/05/2021	18.19	02/05/2021	15.09	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	02/05/2021	10.45	02/05/2021	14.10	EO	To attend Hot Spot
Babhaleshwar - Padghe-I	IntraState	02/05/2021	14.19	02/05/2021	18.11	PO	Replacement of broken Disc Insulators
Khadka-Aurangabad (Waluj)	IntraState	02/05/2021	20.03		Continued.	HT	Over Voltage
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.
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)
Chalisgaon -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.
Deoli(Pgcil)-Badnera	IntraState	29/04/2021	07.02	01/05/2021	20.56	PO	Line Maintenance work
Uran - Jnpt	IntraState	01/05/2021	08.44	01/05/2021	15.03	PO	Muss JNPT shut down, complet bay bay manint.s work.
Ongc Uran - Jnpt	IntraState	01/05/2021	08.50	01/05/2021	15.25	PO	Muss JNPT shut down, complete bay manint's work.
Eklahara(Ocr)(Nasik)-Raymond (Padagha-I)	IntraState	01/05/2021	08.51	01/05/2021	09.48	T	B-Phase Burst Of Padgha Line At OCR End.
Eklahare (Ocr)Nasik - Padghe 2	IntraState	01/05/2021	08.51	01/05/2021	14.34	T	Distance Protection
Eklahara(Ocr)(Nashik)-Navasari II	IntraState	01/05/2021	08.51	01/05/2021	09.34	T	B-Phase Burst Of Padgha Line At OCR End.
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	01/05/2021	08.51	01/05/2021	09.25	T	B-Phase Burst Of Padgha Line At OCR End.
Taptitanda-Jalna ckt II	IntraState	01/05/2021	11.18	01/05/2021	13.23	T	Distance Protection

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 01/May/2021

Statement-VII

Position as on 6.30 Hrs of 02/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Oni Kharepatan Line	IntraState	01/05/2021	13.19	01/05/2021	14.07	T	Distance Protection
Pedhambe - Oni	IntraState	01/05/2021	13.19	01/05/2021	14.07	T	Distance Protection
Pophali - Nerale	IntraState	01/05/2021	13.30	01/05/2021	15.00	T	Distance Protection
Eklahare (Ocr)Nasik - Padghe 2	IntraState	01/05/2021	19.34	01/05/2021	20.58	T	Tripped At Padghe End Only On PDR.
Dahanu Ghodbunder Line 1	IntraState	02/05/2021	06.32	02/05/2021	14.21	PO	Shifting of LS Line from existing position
REL Borivali TPC Borivali line	IntraState	02/05/2021	10.32	02/05/2021	18.08	PO	Testing Work
220 KV ICT Outages/Trippings							
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	01/05/2021	14.04	01/05/2021	16.37	PO	Replacement Of Faulty Y-Phase LV Side LA.
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	02/05/2021	09.32	02/05/2021	16.20	PO	Routine Maintenance Work

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