

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/May/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.166	2580.604	1) Gujrat	1.268	-31.000
2) Hydro	26.612	466.705	2) Madhya Pradesh	9.423	226.204
3) Gas	0.000	159.666	3) Chattisgarh	4.567	111.297
Total MSPGCL	163.778	3206.975	4) Maharashtra	128.419	2736.581
B) 1) APML	30.205	1174.299	5) Goa (Amona)	-1.614	-31.009
2) JSWEL	20.244	393.507	Total	142.063	3012.073
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.855	521.031
4) RPL(AMT)	31.339	615.391	b) Mumbai Drawl	25.088	479.872
5) SWPGPL	8.030	137.251	c) MSEDCL Bilateral *	33.081	711.110
6) Other IPP	10.047	262.492	Include PX	0.373	72.673
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.855	521.031
C) 1) TPCL Thermal	16.826	312.911	Include PX	13.301	226.459
2) TPCL Hydro	5.587	86.813	Standby	0.000	0.000
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.995	214.317	1) MSEDCL	409.601	8912.667
D) STATE			2) Mumbai Discoms	53.496	1164.665
1) Thermal	259.852	5690.772	TOTAL STATE	463.097	10077.332
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	32.199	553.518			
3) Gas (A3+B7+C3)	0.000	230.417			
4) Wind	21.219	442.663			
6) SOLAR	7.764	147.888			
TOTAL STATE	321.034	7065.258			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5614	5897	5545	5778
MSPGCL Hydro	1256	1499	1168	436
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	6870	7396	6713	6214
Central Sector Receipt	6740	6515	5393	5588
WIND	311	293	1454	1093
CPP / IPP Thermal	4037	4069	4198	4176
CPP / IPP Gas	0	0	0	0
SOLAR	1056	772	0	0
Exchange with Mumbai	-1272	-1270	-932	-930
MSEDCL DEMAND MET	17742	17775	16826	16141
Load Shedding	0	0	0	0
MSEDCL DEMAND	17742	17775	16826	16141
TPCL GENERATION	992	971	1098	702
AEML GENERATION	250	250	250	250
MUMBAI DEMAND	2514	2491	2280	1882
STATE DEMAND MET	20256	20266	19106	18023
STATE DEMAND	20256	20266	19106	18023
Frequency (Hz)	49.98	50.03	50.04	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 08.01 Hrs	49.74 Hz at 17.58 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 21/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	11.83	236.35	553	400
Unit 9	12.61	160.39	602	350
Unit 10	11.64	212.89	546	400
Total	36.07	609.62		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.04	199.52	505	285
Unit 5	10.41	225.40	490	290
Total	21.44	438.61		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.13	55.15	150	97
Unit 4	0.00	0.00	0	0
Unit 5	9.38	142.94	415	340
Unit 6	9.66	191.53	415	390
Unit 7	0.00	0.00	0	0
Unit 8	11.63	177.18	492	477
Unit 9	10.44	170.89	458	390
Total	44.24	737.69		
Paras				
Unit 3	5.00	97.98	240	160
Unit 4	5.31	92.29	247	159
Total	10.31	190.26		
Khaparkheda				
Unit 1	2.12	54.26	115	75
Unit 2	0.00	0.00	0	0
Unit 3	3.99	80.79	195	140
Unit 4	4.33	57.67	182	178
Unit 5	11.19	188.86	497	435
Total	21.64	381.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.46	85.20	196	129
Unit 5	0.00	69.21	0	0
Total	3.46	154.41		
Uran				
All Units	0.00	159.67	0	0
Total	0.00	159.67		
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)	0.39	4.59	26	0
Total	0.39	4.59		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.36	99.12	475	35
Stage 4	12.99	168.01	1000	0
Stage 3	4.06	59.61	240	0
Total	21.42	326.75		
Hydro				
KDPH	0.70	15.76	29	29
VTRNA	0.76	18.20	60	0
TILLARI	0.52	10.69	58	0
BHIRA T.R.	0.35	4.63	80	0
SMLHY_PTN	2.87	85.96	149	104
GHATGHAR	0.00	4.72	0	0
Total	5.20	139.96		
Wind				
Total	21.22	442.66	0	0
Total	21.22	442.66		
CPP				
APML(Mus)	30.20	1174.30	0	0
JSWEL(Mus)	20.24	393.51	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.34	615.39	0	0
SWPGPL-Mus	8.03	137.25	0	0
Other(Mus)	10.05	262.49	0	0
Total	99.86	2582.94		
SOLAR				
Total	7.76	147.89	0	0
Total	7.76	147.89		
Tata				
Trombay 5	11.39	208.29	480	454
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	44.76	0	0
Trombay 7B	0.00	25.99	0	0
Trombay 8	5.44	104.62	231	222
TATA Hydro	5.59	86.81	447	1
Total	22.41	470.48		
AEMIL				
DTPS U-1&2	6.00	214.32	251	248
Total	6.00	214.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.17	2580.60	MSPGCL Total	163.78	3206.98
			MSPGCL Thml+Gas	137.17	2740.27	Koyna 1,2 & 4 Total	17.35	267.14
			MSPGCL Hydro	26.61	466.70	State Total	321.03	7065.26

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/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	5788	766	0	6554	1167	4284	0	0	5680	5646	-1053	16598	0	16598	2250	18848	50.03
2	5813	623	0	6436	1163	4268	0	0	5645	5541	-916	16492	0	16492	2077	18569	50.01
3	5877	339	0	6216	1128	4256	0	0	5570	5589	-872	16317	0	16317	1988	18305	50.04
4	5778	436	0	6214	1093	4176	0	0	5495	5588	-930	16141	0	16141	1882	18023	50.04
5	5804	712	0	6516	1048	4271	0	0	5488	5596	-905	16526	0	16526	1839	18365	50.02
6	5756	1054	0	6810	948	4265	0	0	6083	6036	-905	17154	0	17154	1854	19008	50.04
7	5895	1459	0	7354	870	4226	0	69	6413	6488	-883	18124	0	18124	1841	19965	50.03
8	5930	1311	0	7241	693	4276	0	282	5941	6036	-939	17589	0	17589	1929	19518	50.05
9	5945	1034	0	6979	742	4243	0	594	6164	5995	-1075	17478	0	17478	2130	19608	50.00
10	6022	1026	0	7048	454	4156	0	804	6474	6108	-1182	17388	0	17388	2344	19732	50.02
11	5879	947	0	6826	346	4075	0	998	6798	6424	-1251	17418	0	17418	2477	19895	49.95
12	5614	1256	0	6870	311	4037	0	1056	6822	6740	-1272	17742	0	17742	2514	20256	49.98
13	5435	1786	0	7221	284	3970	0	1013	6809	6503	-1272	17719	0	17719	2492	20211	50.01
14	5637	1405	0	7042	254	3985	0	982	6755	6423	-1209	17477	0	17477	2441	19918	50.01
15	5897	1499	0	7396	293	4069	0	772	6812	6515	-1270	17775	0	17775	2491	20266	50.03
16	5882	1526	0	7408	447	4210	0	594	6735	6385	-1280	17764	0	17764	2502	20266	50.00
17	5893	1381	0	7274	843	4170	0	408	6455	6169	-1227	17637	0	17637	2429	20066	49.93
18	5740	965	0	6705	1107	4082	0	169	5948	5342	-980	16425	0	16425	2316	18741	49.95
19	5251	945	0	6196	1340	4001	0	23	5658	5166	-799	15927	0	15927	2197	18124	49.88
20	5157	1619	0	6776	955	4015	0	0	5569	5413	-847	16312	0	16312	2239	18551	49.95
21	5508	1449	0	6957	1257	4094	0	0	5440	5077	-873	16512	0	16512	2257	18769	50.00
22	5545	1168	0	6713	1454	4198	0	0	5582	5393	-932	16826	0	16826	2280	19106	50.04
23	5553	950	0	6503	1427	4268	0	0	5975	6088	-1049	17237	0	17237	2330	19567	50.03
24	5567	956	0	6523	1595	4270	0	0	5942	5802	-1167	17023	0	17023	2397	19420	50.00
MUs	137.17	26.61	0.00	163.78	21.22	99.86	0.00	7.76	146.25	142.06	-25.09	409.60	0.00	409.60	53.50	463.10	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 21/May/2021

Position as on 6.30 Hrs of 22/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)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
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.24.05.21)	
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	Khaparkhedda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	17/05/2021	11.52		Continued.	Due to jerk	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
MSPGCL	Uran Unit B0	120	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	17/05/2021	22.59		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/May/2021

Position as on 6.30 Hrs of 22/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
TPC-G	Trombay 7B	60	17/05/2021	23.29		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50		Continued.	Gas shortage	
MSPGCL	Paras Unit 4	250	22/05/2021	23.49		Continued.	High Drum Level	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/May/2021

Statement-VII

Position as on 6.30 Hrs of 22/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
Dhule Sar'Sarovar I	InterState	21/05/2021	00.13	21/05/2021	06.21	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	21/05/2021	07.40	21/05/2021	16.56	EO	To replace B bus B ph isolator hanger by Hot line unit.
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Padghe - Nagothane - II	IntraState	21/05/2021	08.32	21/05/2021	20.30	PO	Chemical washing of insulator.
Akola - Bhusawal	IntraState	21/05/2021	08.53	21/05/2021	18.48	PO	Replacement of R & Y Ph conductor of 400KV Deep-Waluj ckt (LOC No.18-19)at the crossing of 400KV KDK-Akola Ckt.
Deepnagar - Aurangabad	IntraState	21/05/2021	09.06	21/05/2021	18.48	PO	Replacement of faulty Dead & end & Mid Span joint.
Deepnagar Waluj 1	IntraState	21/05/2021	18.48	22/05/2021	17.57	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	22/05/2021	07.12		Continued.	PO	Replacement of R Phase Conductor(REF 17.25Hrs)
Padghe - Nagothane - II	IntraState	22/05/2021	08.40	22/05/2021	19.27	PO	Chemical washing of Insulator
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.(FTC DT 16/08/2021 At 14.42)
400/220/33 Kv 500 Mva Ict 3 @Dhule	IntraState	21/05/2021	16.04	21/05/2021	17.52	PO	pre-monsoon main. work.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	22/05/2021	08.33	22/05/2021	18.50	PO	Testing 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)
Trombay Dharavi 5	IntraState	21/05/2021	10.02	21/05/2021	15.09	PO	LA IR & Replacement work.
Kalmeshwar-Pandhurna	IntraState	21/05/2021	10.08	21/05/2021	17.55	PO	Line Maintenance work
Kharghar-Borivali ckt I	IntraState	21/05/2021	10.30	21/05/2021	19.10	PO	Retrofitting work of Earth isolator and R&M work.
Mahad - Pedambe	IntraState	21/05/2021	10.45	21/05/2021	19.45	PO	For making LILO arrangement on 220kv Pedhambe-Mahad line for 200kv kalambani TSS.
Dahanu Ghodbunder Line 1	IntraState	21/05/2021	11.02	21/05/2021	16.36	PO	Shifting of OPGW works to its permanent alignment location - LS-12A-13-14
Hingoli- Girawali	IntraState	21/05/2021	11.15	21/05/2021	14.58	EO	Hot spot at Loc no 260 B-ph
Chandrapur GCR - Wani	IntraState	21/05/2021	13.45	21/05/2021	18.26	EO	Replacement of R Phase LA due to higher LCM
Goregaon Versova Line 2	IntraState	21/05/2021	14.52	21/05/2021	16.47	PO	Premonsoon maintenance of bay equipments
Dahanu Ghodbunder Line 2	IntraState	21/05/2021	16.45	21/05/2021	19.20	PO	Shifting of OPGW works to its permanent alignment location-LS-12A-13-14
Dondaicha- Shahada	IntraState	21/05/2021	18.12	21/05/2021	22.08	PO	Jumper replacement work.
Apta - Tambati	IntraState	21/05/2021	23.15	22/05/2021	05.31	T	Tripped at Tambati end only
Padgha-Temghar-II	IntraState	22/05/2021	06.25	22/05/2021	11.10	EO	CB problem
Trombay Carnac 5	IntraState	22/05/2021	10.03	22/05/2021	20.00	PO	Releasing of suspension locations and putting conductors in roller
Tata Borivli MSETCL Borivli 4	IntraState	22/05/2021	10.22	22/05/2021	15.15	EO	To attend Hot Spot
Mahad-Kandalgaon	IntraState	22/05/2021	10.45	22/05/2021	17.42	PO	Jumper Nut Bolt tightening work
Kandalgaon - Bhira	IntraState	22/05/2021	11.33	22/05/2021	16.22	EO	PT Replacement work
Bhugaon- Wardha	IntraState	22/05/2021	12.20	22/05/2021	13.30	T	Tripped at Wardha PG end only

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 21/May/2021

Statement-VII

Position as on 6.30 Hrs of 22/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Temghar - Kalwa	IntraState	22/05/2021	22.51		Continued.	PO	Breaker Problem
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/33kv 125 MVA Transformer 3 @Saki R/S	IntraState	21/05/2021	09.28	21/05/2021	12.29	PO	Premonsoon maintenance of transformer.
220/100 Kv 100 MVA ICT II @Vasai-ji	IntraState	21/05/2021	10.06	21/05/2021	12.44	PO	Pre-monsoon Maintanance work.
220/33 Kv 100 Mva Areva Ptr 1 @Jamde	IntraState	21/05/2021	10.40	21/05/2021	11.55	PO	Premansoon maintenance work
220/33 Kv 100 Mva Alstom Ptr 2 @Jamde	IntraState	21/05/2021	12.02	21/05/2021	13.12	PO	Premansoon maintenance work
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	21/05/2021	13.15	21/05/2021	16.54	PO	Premansoon maintenance work
220/132KV 100MVA ICT-II@Shivajinagar	IntraState	21/05/2021	15.21	21/05/2021	17.10	PO	Premonsoon maintenance work.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	22/05/2021	07.57	22/05/2021	10.56	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 Mva Emco lct 2 @Raymond (Nasik 2)	IntraState	22/05/2021	09.23	22/05/2021	17.27	PO	Pre-Monsoon Maintenance work
220/132kv 100MVA ICT @ KALWAN (BHENDI)	IntraState	22/05/2021	10.15	22/05/2021	16.43	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 Mva Cgl lct 3 @Babhleshwar	IntraState	22/05/2021	10.42	22/05/2021	12.55	PO	Quarterly Maintenance Work
220/33kv 125 Mva Transformer 2 @Aarey R/S	IntraState	22/05/2021	11.00	22/05/2021	17.48	PO	Pre-Monsoon Maintenance work
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	22/05/2021	12.29	22/05/2021	14.40	PO	Pre-Monsoon Maintenance work
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	22/05/2021	14.47	22/05/2021	17.05	PO	Quarterly Maintenance Work
220/132 kv 100MVA ICT-I @ Shivajinagar	IntraState	22/05/2021	16.02	22/05/2021	17.52	PO	Pre-Monsoon Maintenance work

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