

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/May/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.523	2314.390	1) Gujrat	2.468	-34.065
2) Hydro	13.830	415.894	2) Madhya Pradesh	13.118	205.623
3) Gas	0.000	159.666	3) Chattisgarh	4.060	102.230
Total MSPGCL	137.353	2889.950	4) Maharashtra	106.989	2486.991
B) 1) APML	30.377	1113.464	5) Goa (Amona)	-0.334	-28.770
2) JSWEL	19.497	352.420	Total	126.301	2732.009
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.422	464.051
4) RPL(AMT)	30.257	553.728	b) Mumbai Drawl	23.809	431.476
5) SWPGPL	5.852	122.985	c) MSEDCL Bilateral *	29.626	646.529
6) Other IPP	8.475	242.944	Include PX	-0.732	71.770
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.422	464.051
C) 1) TPCL Thermal	14.890	279.252	Include PX	11.798	195.545
2) TPCL Hydro	5.079	75.459	Standby	0.000	0.000
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.259	202.313	1) MSEDCL	376.932	8108.432
D) STATE			2) Mumbai Discoms	51.037	1059.252
1) Thermal	240.130	5181.496	TOTAL STATE	427.969	9167.684
(A1+C1+C4+(B1-B6))					
2) Hydro	18.909	491.353			
(A2+C2)					
3) Gas	0.000	230.417			
(A3+B7+C3)					
4) Wind	35.958	400.224			
6) SOLAR	6.671	132.184			
TOTAL STATE	301.668	6435.674			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5615	4637	5329	5286
MSPGCL Hydro	281	453	976	291
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	5896	5090	6305	5577
Central Sector Receipt	5513	5754	5168	4738
WIND	1460	1516	1200	1657
CPP / IPP Thermal	4102	3939	4115	3923
CPP / IPP Gas	0	0	0	0
SOLAR	655	929	0	0
Exchange with Mumbai	-907	-1176	-905	-1094
MSEDCL DEMAND MET	16719	16052	15883	14801
Load Shedding	0	0	0	0
MSEDCL DEMAND	16719	16052	15883	14801
TPCL GENERATION	886	957	1020	418
AEML GENERATION	418	251	251	286
MUMBAI DEMAND	2211	2384	2176	1798
STATE DEMAND MET	18930	18436	18059	16599
STATE DEMAND	18930	18436	18059	16599
Frequency (Hz)	50.01	50.01	49.97	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 10:32 Hrs	49.77 Hz at 22:20 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 19/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	10.42	213.22	552	330
Unit 9	10.96	136.10	556	350
Unit 10	9.63	190.10	490	300
Total	31.02	539.42		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	10.42	177.85	495	285
Unit 5	10.20	205.32	495	285
Total	20.62	396.86		
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	3.20	49.02	150	124
Unit 4	0.00	0.00	0	0
Unit 5	9.26	123.97	421	280
Unit 6	8.44	172.67	410	285
Unit 7	0.00	0.00	0	0
Unit 8	11.55	154.14	490	466
Unit 9	10.28	149.91	437	419
Total	42.73	649.72		
Paras				
Unit 3	4.58	88.14	236	155
Unit 4	3.25	83.45	225	0
Total	7.84	171.58		
Khaparkheda				
Unit 1	2.98	49.63	135	95
Unit 2	0.00	0.00	0	0
Unit 3	4.08	72.72	195	135
Unit 4	0.21	51.94	140	0
Unit 5	10.31	166.92	470	405
Total	17.58	341.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.74	77.95	200	123
Unit 5	0.00	69.21	0	0
Total	3.74	147.16		
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)	0.10	3.86	20	0
Total	0.10	3.86		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.06	89.73	435	35
Stage 4	2.45	145.13	750	0
Stage 3	1.53	52.20	160	0
Total	8.05	287.06		
Hydro				
KDPH	0.70	14.36	29	29
VTRNA	0.75	16.55	59	0
TILLARI	0.58	9.64	58	0
BHIRA T.R.	0.31	4.00	80	0
SMLHY_PTN	3.45	79.55	156	132
GHATGHAR	0.00	4.72	0	0
Total	5.78	128.83		
Wind				
Total	35.96	400.22	0	0
Total	35.96	400.22		
CPP				
APML(Mus)	30.38	1113.46	0	0
JSWEL(Mus)	19.50	352.42	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.26	553.73	0	0
SWPGPL-Mus	5.85	122.98	0	0
Other(Mus)	8.48	242.94	0	0
Total	94.46	2385.54		
SOLAR				
Total	6.67	132.18	0	0
Total	6.67	132.18		
Tata				
Trombay 5	10.10	185.48	481	278
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	4.79	93.77	226	139
TATA Hydro	5.08	75.46	384	1
Total	19.97	425.46		
AEMIL				
DTPS U-1&2	7.26	202.31	502	225
Total	7.26	202.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.52	2314.39	MSPGCL Total	137.35	2889.95
			MSPGCL Thml+Gas	123.52	2474.06	Koyna 1,2 & 4 Total	6.52	234.86
			MSPGCL Hydro	13.83	415.89	State Total	301.67	6435.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	5373	347	0	5720	1500	3929	0	0	5211	5195	-1246	15098	0	15098	2136	17234	49.97
2	5263	336	0	5599	1596	3922	0	0	5145	4883	-1071	14929	0	14929	1988	16917	49.88
3	5197	290	0	5487	1615	3986	0	0	5066	5157	-1018	15227	0	15227	1872	17099	49.98
4	5286	291	0	5577	1657	3923	0	0	5016	4738	-1094	14801	0	14801	1798	16599	50.05
5	5341	204	0	5545	1696	3887	0	0	5011	5023	-1056	15095	0	15095	1762	16857	50.00
6	5477	301	0	5778	1679	3960	0	0	5146	5262	-888	15791	0	15791	1811	17602	49.99
7	5505	806	0	6311	1618	3990	0	51	5219	5322	-656	16636	0	16636	1813	18449	49.97
8	5571	306	0	5877	1388	4034	0	233	5359	5308	-652	16188	0	16188	1874	18062	49.95
9	5650	264	0	5914	1276	4084	0	407	5417	5230	-741	16170	0	16170	2041	18211	50.02
10	5615	281	0	5896	1460	4102	0	655	5551	5513	-907	16719	0	16719	2211	18930	50.01
11	5378	387	0	5765	1576	4070	0	844	5747	5466	-1246	16475	0	16475	2318	18793	50.06
12	4938	410	0	5348	1541	3939	0	922	5787	5662	-1188	16224	0	16224	2377	18601	50.01
13	4637	453	0	5090	1516	3939	0	929	5780	5754	-1176	16052	0	16052	2384	18436	50.01
14	4586	556	0	5142	1515	3933	0	854	5697	5597	-1154	15887	0	15887	2331	18218	50.01
15	4834	490	0	5324	1645	3903	0	695	5877	5403	-1163	15807	0	15807	2344	18151	49.94
16	4981	401	0	5382	1908	3870	0	463	5825	5027	-1137	15513	0	15513	2363	17876	50.00
17	4582	445	0	5027	1930	3572	0	413	5675	5379	-1075	15246	0	15246	2306	17552	49.93
18	4503	778	0	5281	1680	3387	0	178	5397	5209	-904	14831	0	14831	2227	17058	49.96
19	4723	886	0	5609	1407	3680	0	27	5284	5133	-843	15013	0	15013	2136	17149	49.96
20	4990	1010	0	6000	1360	3913	0	0	5300	5247	-889	15631	0	15631	2181	17812	49.99
21	5243	958	0	6201	1288	4069	0	0	5332	4899	-869	15588	0	15588	2180	17768	50.04
22	5329	976	0	6305	1200	4115	0	0	5299	5168	-905	15883	0	15883	2176	18059	49.97
23	5295	1296	0	6591	1043	4108	0	0	5470	5438	-964	16216	0	16216	2197	18413	49.93
24	5226	1358	0	6584	864	4143	0	0	5464	5288	-967	15912	0	15912	2211	18123	50.01
MUs	123.52	13.83	0.00	137.35	35.96	94.46	0.00	6.67	130.08	126.30	-23.81	376.93	0.00	376.93	51.04	427.97	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 19/May/2021

Position as on 6.30 Hrs of 20/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	Khaparkhedha 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	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
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	
MSPGCL	Paras Unit 4	250	15/05/2021	12.36	19/05/2021	01.55	Coal mill problem.	
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.	
IPP	SWPGPL U-3	135	17/05/2021	12.13	20/05/2021	19.36	Scrapper conveyer problem.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/May/2021

Position as on 6.30 Hrs of 20/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 8	108	17/05/2021	20.15		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
MSPGCL	Uran Unit A0	120	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	Khaparkheda Unit 4	210	19/05/2021	01.36	20/05/2021	14.52	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2021

Statement-VII

Position as on 6.30 Hrs of 20/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	18/05/2021	14.36	19/05/2021	07.02	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	20/05/2021	00.03	20/05/2021	06.56	HT	Over Voltage
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Khadka-Aurangabad (Waluj)	IntraState	18/05/2021	01.53	19/05/2021	05.57	HT	Over Voltage
Karad - Talandge Ckt 2	IntraState	18/05/2021	12.56	19/05/2021	10.59	EO	Attending Hot Spot On 29D B PH Isolator Clamp line side.(18/05/2021 RFC 15:35).
Koradi-RattanIndia	IntraState	19/05/2021	05.55	20/05/2021	18.35	PO	Routine Maintenance Work
Padghe - Nagothane - II	IntraState	19/05/2021	09.29	19/05/2021	16.02	PO	Chemical Washing Of Insulator.
New Koyna - Dabhol - II	IntraState	19/05/2021	14.43	19/05/2021	17.57	EO	Line Insulator Alignment Found Disturbed O R & Y Phase & Needs To Be Close Properly At 400KV New Koyna End.
Khadka-Aurangabad (Waluj)	IntraState	19/05/2021	18.10	20/05/2021	10.21	HT	Over Voltage
Padghe - Nagothane - II	IntraState	20/05/2021	08.10	20/05/2021	20.39	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-III @Parali (Girwali)	IntraState	19/05/2021	12.07	19/05/2021	13.07	PO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	20/05/2021	09.10	20/05/2021	21.13	PO	Checking the healthiness of ICT R Phase winding temperature
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	20/05/2021	15.50	20/05/2021	16.20	EO	To attend Hot Spot
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)
Borivali - Tarapur	InterState	17/05/2021	16.32	20/05/2021	20.58	T	Distance Protection(18/05/2021 Trial failed 18:24).
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	18/05/2021	15.21	19/05/2021	18.38	T	Distance Protection(18/05/2021 Trial failed 17:21 hrs.)
Dasturi-Kandalgaon Line	IntraState	19/05/2021	09.50	19/05/2021	18.40	PO	Jumper Nut-bolt Tightening, Insulator String Replacement, Emergency Tree Cutting.
Talandge(400 Kv)- Mumewadi 2 Line	IntraState	19/05/2021	10.05	19/05/2021	18.12	PO	Quarterly Maintenance Work
Nerle - Dasgaon	IntraState	19/05/2021	10.36	19/05/2021	17.53	EO	Attending Hot Spot
Dahanu Versova	IntraState	19/05/2021	11.02	19/05/2021	12.20	PO	Replacement Of Defected Polymer Insulator At Tower No.SS234.
Nalasopara-Boisar	IntraState	20/05/2021	08.50	20/05/2021	14.20	EO	safety purpose(outage on Boisar-Palghar line)
Deepnagar Khadaka 1	IntraState	20/05/2021	09.10	20/05/2021	13.45	PO	Replacement of Faulty Insulator Strings
New Koyna - Pophali-II	IntraState	20/05/2021	09.15	20/05/2021	23.00	EO	Tree Cutting
Uran - Apta IV	IntraState	20/05/2021	09.42	20/05/2021	18.38	PO	B Phase Breaker Pole replacement
Ghatghar - Bapgaon	IntraState	20/05/2021	09.45	20/05/2021	15.12	PO	B Phase wave trap jumper replacement
Bombay Dyeing - Sahara	IntraState	20/05/2021	10.10	20/05/2021	17.46	PO	Replacement of Flashover Poilet Disc Insulator
Trombay Dharavi 6	IntraState	20/05/2021	10.24	20/05/2021	15.24	PO	LA Replacement
Ghodbunder - Versova	IntraState	20/05/2021	11.26	20/05/2021	12.30	PO	Replacement of Polymer Insulator
Roma-Bhavegar	IntraState	20/05/2021	13.07	20/05/2021	17.36	T	R Phase PT Burst at Bhavegar

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 19/May/2021

Statement-VII

Position as on 6.30 Hrs of 20/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Wada - Bhaveghar	IntraState	20/05/2021	13.07	20/05/2021	14.20	T	R Phase PT Burst at Bhaveghar
Lamboti(solapur)-Karkamb	IntraState	20/05/2021	16.20	20/05/2021	16.38	EO	To attend Hot Spot
Boisar II - Tarapur	IntraState	20/05/2021	17.11	20/05/2021	19.52	EO	Removal of heavily rusted and strand cut earth wire
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 5 @Versova R/S	IntraState	19/05/2021	10.25	19/05/2021	12.20	PO	Pre-Monsoon Maintenance Of Transformer, NGT And Bay Equipment's.
220/22kV 100MVA T/F-II @ Nalasopara	IntraState	19/05/2021	22.30	20/05/2021	00.05	T	Differential protection
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	20/05/2021	09.30	20/05/2021	13.00	PO	Pre-Monsoon maintenance work
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	20/05/2021	09.44	20/05/2021	12.55	EO	DC Earth Leakage
220/33kV 125 MVA Transformer 1 @Saki R/S	IntraState	20/05/2021	09.49	20/05/2021	11.04	PO	Pre-Monsoon maintenance work
220/33kV 125 MVA Transformer 2 @Saki R/S	IntraState	20/05/2021	11.51	20/05/2021	12.45	PO	Pre-Monsoon maintenance work
220/132 Kv 200MVA ICT II @Dhule	IntraState	20/05/2021	16.04	20/05/2021	16.52	PO	Pre-Monsoon Maintenance work

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