

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/May/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	99.699	1593.689	1) Gujrat	3.589	120.994
2) Hydro	6.904	306.742	2) Madhya Pradesh	8.115	227.472
3) Gas	6.628	125.197	3) Chattisgarh	7.020	151.070
Total MSPGCL	113.231	2025.628	4) Maharashtra	124.613	2605.330
B) 1) APLM	64.798	1293.242	5) Goa (Amona)	-0.550	-9.152
2) JSWEL	16.814	302.644	Total	142.787	3095.714
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.304	439.692
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.086	451.708
5) WPCL	2.693	50.610	c) MSEDCL Bilateral *	37.118	1035.699
6) Other IPP	9.418	152.832	Include PX	11.102	577.646
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.304	439.692
C) 1) TPCL Thermal	7.363	130.037	Include PX	16.620	311.829
2) TPCL Hydro	5.374	97.643	Standby	0.000	0.000
3) TPCL Gas	4.393	83.453	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.372	184.693	1) MSEDCL	371.333	6944.994
D) STATE			2) Mumbai Discoms	49.588	947.527
1) Thermal	211.157	3707.747	TOTAL STATE	420.921	7892.521
(A1+C1+C4+(B1-B6))					
2) Hydro	12.278	404.385			
(A2+C2)					
3) Gas	11.021	208.650			
(A3+B7+C3)					
4) Wind	36.440	337.857			
6) SOLAR	7.238	138.175			
TOTAL STATE	278.134	4796.814			

* 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	3970	4275	4094	4027
MSPGCL Hydro	245	457	272	146
MSPGCL Gas	264	262	291	280
MSPGCL Total Generation	4479	4994	4657	4453
Central Sector Receipt	6397	7018	5403	5456
WIND	1250	1110	1630	1942
CPP / IPP Thermal	3847	3852	3893	3865
CPP / IPP Gas	0	0	0	0
SOLAR	993	840	0	0
Exchange with Mumbai	-1123	-936	-873	-850
MSEDCL DEMAND MET	15843	16878	14710	14866
Load Shedding	0	0	0	0
MSEDCL DEMAND	15843	16878	14710	14866
TPCL GENERATION	556	776	931	775
AEML GENERATION	375	414	377	392
MUMBAI DEMAND	2054	2126	2181	2017
STATE DEMAND MET	17897	19004	16891	16883
STATE DEMAND	17897	19004	16891	16883
Frequency (Hz)	50.00	49.96	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 19.00 Hrs	49.82 Hz at 14.25 Hrs	50.01	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/2020

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	0.00	0.00	0	0
Unit 9	11.63	61.11	531	455
Unit 10	0.00	0.00	0	0
Total	11.63	61.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	7.59	0	0
Unit 8	0.00	56.42	0	0
Total	0.00	64.01		
Chandrapur				
Unit 3	4.21	31.02	186	163
Unit 4	3.93	28.49	170	160
Unit 5	6.04	74.99	460	0
Unit 6	9.88	183.07	464	360
Unit 7	3.79	102.99	420	0
Unit 8	10.24	208.75	470	360
Unit 9	10.35	195.22	450	380
Total	48.44	824.53		
Paras				
Unit 3	5.36	88.14	250	190
Unit 4	5.85	107.80	255	215
Total	11.21	195.94		
Khaparkheda				
Unit 1	4.14	31.83	180	160
Unit 2	4.38	65.30	185	160
Unit 3	4.52	65.41	195	158
Unit 4	4.44	81.01	190	160
Unit 5	10.95	204.54	500	365
Total	28.43	448.09		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.63	125.20	291	262
Total	6.63	125.20		
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)	0.60	4.43	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.60	4.43		
Koyna				
Stage 1-2	2.94	93.18	385	40
Stage 4	0.63	119.01	254	0
Stage 3	0.65	46.54	160	0
Total	4.22	258.74		
Hydro				
KDPH	0.77	14.41	32	32
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	5.34	80	0
RNGR+BHTSA	0.27	5.18	12	11
BHANDARDRA	0.47	8.94	20	19
ELDARY	0.46	3.16	21	19
SMLHY_PTN	0.46	10.96	20	19
GHATGHAR	0.00	0.00	0	0
Total	2.69	48.01		
Wind				
Total	36.44	337.86	0	0
Total	36.44	337.86		
CPP				
APML(Mus)	64.80	1293.24	0	0
JSWEL(Mus)	16.81	302.64	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	50.61	0	0
Other(Mus)	9.42	152.83	0	0
Total	93.72	1799.33		
SOLAR				
Total	7.24	138.18	0	0
Total	7.24	138.18		
Tata				
Trombay 5	7.36	130.04	310	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	53.31	117	116
Trombay 7B	1.59	30.15	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.37	97.64	449	37
Total	17.13	311.13		
AEML				
DTPS U-1&2	10.37	184.69	503	373
Total	10.37	184.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	99.70	1593.69	MSPGCL Total	113.23	2025.63
			MSPGCL Thml+Gas	106.33	1718.89	Koyna 1,2 & 4 Total	3.57	212.20
			MSPGCL Hydro	6.90	306.74	State Total	278.13	4796.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/May/2020

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	4332	266	271	4869	1785	3986	0	0	5673	5561	-990	15211	0	15211	2362	17573	50.00
2	4280	284	290	4854	1890	3950	0	0	5504	5543	-913	15324	0	15324	2247	17571	50.02
3	4274	146	272	4692	1879	3948	0	0	5419	5237	-832	14924	0	14924	2130	17054	50.01
4	4027	146	280	4453	1942	3865	0	0	5604	5456	-850	14866	0	14866	2017	16883	50.00
5	3944	146	282	4372	1913	3858	0	0	5658	5650	-841	14952	0	14952	1978	16930	50.01
6	4083	231	282	4596	1695	3910	0	0	6064	5966	-816	15351	0	15351	1978	17329	50.01
7	4195	311	283	4789	1595	3942	0	49	6133	6511	-655	16231	0	16231	1886	18117	50.04
8	4220	482	282	4984	1386	3922	0	237	5906	6101	-773	15857	0	15857	1857	17714	50.04
9	4285	231	279	4795	1568	3950	0	474	5859	5766	-916	15637	0	15637	1896	17533	50.05
10	4321	206	268	4795	1235	3822	0	724	6033	5968	-1037	15507	0	15507	1974	17481	49.99
11	4066	141	275	4482	1429	3832	0	875	6256	6032	-1128	15522	0	15522	2041	17563	50.07
12	3970	245	264	4479	1250	3847	0	993	6321	6397	-1123	15843	0	15843	2054	17897	50.00
13	4200	223	273	4696	1169	3825	0	952	6619	6595	-1110	16127	0	16127	2058	18185	50.02
14	4307	162	273	4742	1018	3839	0	886	6734	6787	-988	16284	0	16284	2082	18366	50.00
15	4275	457	262	4994	1110	3852	0	840	7158	7018	-936	16878	0	16878	2126	19004	49.96
16	4189	405	274	4868	1115	3940	0	630	7156	6965	-861	16657	0	16657	2129	18786	49.99
17	4306	603	265	5174	1405	3940	0	346	6690	6584	-793	16656	0	16656	2060	18716	49.94
18	4289	487	277	5053	1508	3944	0	184	5802	6016	-884	15821	0	15821	1943	17764	50.03
19	3665	295	277	4237	1345	3848	0	48	5295	5485	-951	14012	0	14012	1866	15878	50.01
20	3848	417	280	4545	1620	3869	0	0	5653	5623	-1088	14569	0	14569	1990	16559	50.00
21	4063	279	272	4614	1634	3888	0	0	5410	5161	-916	14381	0	14381	2076	16457	50.01
22	4094	272	291	4657	1630	3893	0	0	5215	5403	-873	14710	0	14710	2181	16891	49.97
23	4235	277	272	4784	1651	4045	0	0	5395	5349	-861	14968	0	14968	2296	17264	49.96
24	4231	192	284	4707	1668	4008	0	0	5732	5613	-951	15045	0	15045	2361	17406	50.01
MUs	99.70	6.90	6.63	113.23	36.44	93.72	0.00	7.24	143.29	142.79	-22.09	371.33	0.00	371.33	49.59	420.92	50.01

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/2020

Position as on 6.30 Hrs of 20/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL 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	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
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	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/May/2020

Position as on 6.30 Hrs of 20/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	14/05/2020	21.30	19/05/2020	12.15	malfunction of over speed device	
MSPGCL	Parli Unit 8	250	16/05/2020	18.00		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 5	500	19/05/2020	14.25		Continued.	Drum level High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2020

Statement-VII

Position as on 6.30 Hrs of 20/May/2020

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 II	InterState	30/04/2020	17.40		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	19/05/2020	11.36	19/05/2020	19.07	PO	Relay Replaced
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	14/05/2020	18.12		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	14/05/2020	18.29	19/05/2020	07.05	T	Distance Protection
Karad-Jaigad - I	IntraState	15/05/2020	19.14		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	19/05/2020	09.08	19/05/2020	23.21	PO	Maintenance Work
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	19/05/2020	09.13	19/05/2020	18.55	PO	Testing Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Deepnagar Bambhori	IntraState	15/05/2020	17.16	19/05/2020	06.06	T	Distance Protection
Bus Coupler @ Koradi	IntraState	18/05/2020	09.10		Continued.	PO	CB Mechanism Drive Overhauling Work Upto.
Adlabs - Pedambe	IntraState	19/05/2020	06.25	19/05/2020	17.20	PO	Routine Maintenance Work
Osmanabad - Solapur (Bale)	IntraState	19/05/2020	08.45	19/05/2020	16.20	PO	Premonsoon Maintenance work
Kadegaon-Miraj	IntraState	19/05/2020	09.01	19/05/2020	18.15	PO	Earth wire Stringing work
Karad - Kadegaon	IntraState	19/05/2020	09.27	19/05/2020	17.30	PO	Earth wire Stringing work
satara MIDC- Malharpeth	IntraState	19/05/2020	10.31	19/05/2020	17.58	PO	220kv PT Replaced
Beed-Patoda Ckt 1	IntraState	19/05/2020	10.35	19/05/2020	13.18	PO	Pre-Monsoon maintenance work.
Khadaka-Chaligaon III	IntraState	19/05/2020	11.20	19/05/2020	17.01	T	Distance Protection
Patoda-Manjarsumba	IntraState	19/05/2020	15.29	19/05/2020	18.44	PO	Pre-Monsoon maintenance work.
Osmanabad - Solapur (Bale)	IntraState	19/05/2020	18.49	19/05/2020	20.04	EO	DC Leakage Attending Work.
Osmanabad - Barshi	IntraState	19/05/2020	18.49	19/05/2020	20.05	EO	Attending Oil Leakage
Karad - Vita Ckt- II	IntraState	19/05/2020	20.09	19/05/2020	22.02	PO	Attending CT Oil Leakage
220 KV ICT Outages/Trippings							
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	19/05/2020	05.09	19/05/2020	10.57	PO	Pre-Monsoon maintenance work & LV Y PH LA Replacement Work.
200 MVA 220/132 KV ICT - 1 @VIRODA	IntraState	19/05/2020	07.57	19/05/2020	15.42	PO	Pre-Monsoon maintenance work & Relay Testing Work.
220/132 kv 100MVA ICT-I @ Ghatodi	IntraState	19/05/2020	08.29	19/05/2020	10.49	PO	Pre-Monsoon maintenance work.
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	19/05/2020	08.45	19/05/2020	11.48	PO	Pre-Monsoon maintenance work.
220/132kv 100mva Ict 1 @Peth	IntraState	19/05/2020	09.02	19/05/2020	11.29	PO	Y phase HV Side LA Replaced
220/100 Kv 100mva Bharat Bijlee Ptr	IntraState	19/05/2020	10.36	19/05/2020	18.54	PO	Premonsoon Maintenance work

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/2020

Statement-VII

Position as on 6.30 Hrs of 20/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
No 4 @Chinchwad							
220/132-110kv 100mva Ptr 2 @Oglewadi	IntraState	19/05/2020	11.15	19/05/2020	13.51	PO	Maintenance Work
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	19/05/2020	13.32	19/05/2020	14.49	PO	Pre-Monsoon maintenance work.
220/100 KV 200MVA ICT II @ Pal	IntraState	19/05/2020	14.45	19/05/2020	16.25	PO	Premonsoon Maintenance work
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	19/05/2020	16.30	19/05/2020	17.30	PO	Routine Maintenance Work