

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.775	2259.042	1) Gujrat	-6.846	-178.532
2) Hydro	16.958	498.133	2) Madhya Pradesh	11.258	140.558
3) Gas	5.546	95.459	3) Chattisgarh	6.590	87.160
Total MSPGCL	140.279	2852.634	4) Maharashtra	158.905	2757.341
B) 1) APLM	61.982	1068.202	5) Goa (Amona)	-1.445	-20.551
2) JSWEL	15.320	353.596	Total	168.462	2785.976
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.878	484.973
4) RPL(AMT)	19.327	289.524	b) Mumbai Drawl	30.569	504.688
5) SWPGPL	5.738	100.369	c) MSEDCL Bilateral *	47.427	744.076
6) Other IPP	6.577	105.824	Include PX	13.122	159.792
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.878	484.858
C) 1) TPCL Thermal	14.369	298.856	Include PX	5.156	56.720
2) TPCL Hydro	3.388	87.777	Standby	0.000	0.114
3) TPCL Gas	3.544	61.557	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.125	203.318	1) MSEDCL	406.910	7320.842
D) STATE			2) Mumbai Discoms	60.995	1156.198
1) Thermal	250.213	4678.731	TOTAL STATE	467.905	8477.040
(A1+C1+C4+(B1-B6))					
2) Hydro	20.346	585.910			
(A2+C2)					
3) Gas	9.090	157.016			
(A3+B7+C3)					
4) Wind	10.943	134.414			
6) SOLAR	8.851	134.991			
TOTAL STATE	299.443	5691.062			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4939	4803	5247	4804
MSPGCL Hydro	687	332	1525	223
MSPGCL Gas	249	229	201	243
MSPGCL Total Generation	5875	5364	6973	5270
Central Sector Receipt	8273	8172	6905	6212
WIND	361	237	298	894
CPP / IPP Thermal	4304	4322	5060	4211
CPP / IPP Gas	0	0	0	0
SOLAR	1137	1232	0	0
Exchange with Mumbai	-1830	-1775	-1294	-1210
MSEDCL DEMAND MET	18120	17552	17942	15377
Load Shedding	0	0	0	0
MSEDCL DEMAND	18120	17552	17942	15377
TPCL GENERATION	740	804	1111	720
AEML GENERATION	399	379	347	322
MUMBAI DEMAND	2969	2958	2752	2252
STATE DEMAND MET	21089	20510	20694	17629
STATE DEMAND	21089	20510	20694	17629
Frequency (Hz)	50.00	50.02	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.59 Hz at 18.11 Hrs	49.96	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/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.00	57.68	165	85
Unit 7	0.00	0.00	0	0
Unit 8	8.96	225.66	422	335
Unit 9	8.32	154.34	392	320
Unit 10	8.35	136.80	386	325
Total	28.63	574.48		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.16	160.25	390	305
Unit 5	8.16	105.00	400	300
Total	16.32	265.24		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.50	82.24	227	169
Unit 8	4.27	78.36	208	160
Total	8.77	160.60		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.70	43.02	163	151
Unit 5	7.52	89.46	360	275
Unit 6	0.00	98.28	0	0
Unit 7	6.94	139.38	351	220
Unit 8	9.04	165.63	415	335
Unit 9	8.64	162.84	392	326
Total	35.84	698.61		
Paras				
Unit 3	3.84	81.65	201	114
Unit 4	3.73	25.55	181	144
Total	7.57	107.21		
Khaparkheda				
Unit 1	0.00	44.83	0	0
Unit 2	2.76	58.72	125	110
Unit 3	3.36	65.28	150	132
Unit 4	3.29	66.37	152	131
Unit 5	7.19	147.43	325	275
Total	16.60	382.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.05	70.28	193	121
Unit 5	0.00	0.00	0	0
Total	4.05	70.28		
Uran				
All Units	5.55	95.46	256	201
Total	5.55	95.46		
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)	0.45	9.60	21	17
Total	0.45	9.60		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.66	105.88	400	40
Stage 4	6.33	199.65	965	0
Stage 3	2.23	65.95	320	0
Total	12.22	371.48		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.16	6.38	80	0
SMLHY_PTN	3.59	105.70	178	111
GHATGHAR	0.98	10.42	250	0
Total	4.74	126.66		
Wind				
Total	10.94	134.41	0	0
Total	10.94	134.41		
CPP				
APML(Mus)	61.98	1068.20	0	0
JSWEL(Mus)	15.32	353.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.33	289.52	0	0
SWPGPL-Mus	5.74	100.37	0	0
Other(Mus)	6.58	105.82	0	0
Total	108.94	1917.52		
SOLAR				
Total	8.85	134.99	0	0
Total	8.85	134.99		
Tata				
Trombay 5	9.54	201.46	455	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.15	36.92	106	59
Trombay 7B	1.39	24.63	64	47
Trombay 8	4.83	97.39	215	171
TATA Hydro	3.39	87.78	406	0
Total	21.30	448.19		
AEML				
DTPS U-1&2	9.12	203.32	502	311
Total	9.12	203.32		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.78	2259.04	MSPGCL Total	140.28	2852.63
			MSPGCL Thml+Gas	123.32	2354.50	Koyna 1,2 & 4 Total	10.00	305.53
			MSPGCL Hydro	16.96	498.13	State Total	299.44	5691.06

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 19/Oct/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4789	227	233	5249	922	4164	0	0	6442	6432	-1212	15555	0	15555	2364	17919	49.99
2	4804	223	243	5270	894	4211	0	0	6525	6212	-1210	15377	0	15377	2252	17629	49.99
3	4815	223	244	5282	893	4148	0	0	6540	6345	-1099	15569	0	15569	2106	17675	49.98
4	4808	225	244	5277	862	4267	0	0	6654	6351	-986	15771	0	15771	1967	17738	49.99
5	4704	214	234	5152	826	4410	0	0	6906	6850	-983	16255	0	16255	1959	18214	49.98
6	4673	605	244	5522	713	4411	0	0	7098	7180	-980	16846	0	16846	1989	18835	50.00
7	4821	750	256	5827	646	4439	0	22	7344	7319	-967	17286	0	17286	2058	19344	49.99
8	4829	782	244	5855	491	4487	0	262	7743	7903	-1061	17937	0	17937	2171	20108	49.97
9	4745	392	232	5369	337	4534	0	619	8103	8077	-1273	17663	0	17663	2413	20076	49.95
10	4918	381	241	5540	330	4522	0	941	8103	8013	-1693	17653	0	17653	2774	20427	49.90
11	4939	687	249	5875	361	4304	0	1137	8343	8273	-1830	18120	0	18120	2969	21089	50.00
12	4838	616	228	5682	337	4119	0	1247	8509	8258	-1769	17874	0	17874	2987	20861	50.01
13	4803	332	229	5364	237	4322	0	1232	8318	8172	-1775	17552	0	17552	2958	20510	50.02
14	4758	227	227	5212	252	4425	0	1139	7652	7797	-1565	17260	0	17260	2845	20105	49.99
15	4804	653	236	5693	252	4441	0	1034	7569	7468	-1338	17550	0	17550	2888	20438	49.82
16	4799	924	227	5950	264	4428	0	750	7786	7376	-1338	17430	0	17430	2907	20337	49.89
17	4814	1421	228	6463	258	4612	0	342	6997	6853	-1295	17233	0	17233	2857	20090	49.92
18	4953	1805	248	7006	257	4748	0	126	6407	6214	-1138	17213	0	17213	2789	20002	49.92
19	5267	1950	229	7446	316	5002	0	0	6659	6415	-1268	17911	0	17911	2780	20691	49.79
20	5247	1525	201	6973	298	5060	0	0	6687	6905	-1294	17942	0	17942	2752	20694	49.98
21	5157	1292	201	6650	223	5056	0	0	6163	6213	-1212	16930	0	16930	2652	19582	49.99
22	5191	730	212	6133	260	4988	0	0	5972	6122	-1135	16368	0	16368	2558	18926	49.99
23	5152	443	213	5808	324	4956	0	0	5947	5895	-1069	15914	0	15914	2507	18421	50.01
24	5147	331	203	5681	390	4890	0	0	5915	5819	-1079	15701	0	15701	2493	18194	50.01
MUs	117.78	16.96	5.55	140.28	10.94	108.94	0.00	8.85	170.38	168.46	-30.57	406.91	0.00	406.91	60.99	467.90	49.96

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/Oct/2021

Position as on 6.30 Hrs of 20/Oct/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 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%. (Converted to AOH 00:00 hrs 18.10.2021)	
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	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4. which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	14/10/2021	22.04		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	17/10/2021	14.14		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 6	108	20/10/2021	00.05	20/10/2021	02.50	Gas shortage	
MSPGCL	Koradi Unit 6	210	20/10/2021	23.18		Continued.	Tripped On Failure.	

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

Statement-VII

Position as on 6.30 Hrs of 20/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	18/10/2021	23.08	19/10/2021	05.16	EO	Blocked Emergency outage aailed.
Chandrapur - Padghe Hvdc Pole 1	IntraState	19/10/2021	22.10	20/10/2021	05.19	EO	Testing of 400KV AC yard Tie Bay B phase CB and other work
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49			Continued.	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Khadka-Aurangabad (Waluj)	IntraState	11/10/2021	12.33			Continued.	Height raising/shifting work of S/C 400kV Waluj- Bhusawal line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no. 125 (D+6). 126 (D+6).
Jejuri- Koynastage-IV	IntraState	19/10/2021	00.19	19/10/2021	05.02	PO	chemical washing on disc insulator.
Nagothane - Dabhol-II	IntraState	19/10/2021	08.18	19/10/2021	12.43	PO	Jumper tightening work.
Padghe - Kalwa- I	IntraState	19/10/2021	12.55	19/10/2021	17.24	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	19/10/2021	23.06	20/10/2021	04.41	PO	Chemical washing.
Koradi-RattanIndia	IntraState	20/10/2021	09.28	20/10/2021	14.18	PO	Bus-2 Y ph isolator fixed contact rod replacement work by Hot Line Unit, Nagpur(1)For shifting of 400kV RPL Ckt on TBC, 400kV Bus reactor need to be out. (2) Line to be kept in Non-Auto mode
Padghe - Nagothane - I	IntraState	20/10/2021	09.31			Continued.	jumper tightening work.
Akola II - Akola I Ckt-II	IntraState	20/10/2021	11.26	20/10/2021	18.29	PO	Annual Maintenance Of Equipment.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	20/10/2021	21.34			Continued.	Hotspot at Waluj End.
Jejuri- Koynastage-IV	IntraState	20/10/2021	23.46	20/10/2021	04.41	PO	Chemical washing on disc insulators.
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	19/10/2021	14.47	19/10/2021	16.30	PO	Attending fire detector trip alarm of NIFPS system of Y-ph unit.
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	19/10/2021	16.18	19/10/2021	18.19	EO	Attending Hot Spot
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	20/10/2021	8.34	20/10/2021	13.57	PO	Diagnostic testing and allied bay maintenance.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12			Continued.	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10			Continued.	No Schedule(Close at Chikodi end only)
Solapur(PG)- Jeur	InterState	19/10/2021	14.55	19/10/2021	16.40	T	Distance Protection
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34			Continued.	CB Compressor Overhauling Work.
Hinganghat - Hinganghat Rly TSS 1	IntraState	19/10/2021	00.11	19/10/2021	02.00	EO	Back Up Relay found faulty
Badnera-Akola li	IntraState	19/10/2021	09.24	19/10/2021	17.24	PO	Routine Maintenance Work
Kandalgaon - Sona Alloys	IntraState	19/10/2021	09.35	19/10/2021	17.50	PO	Replacement of polymer insulators by long rod porcelain insulators or conductor restringing work.
Parvati - Hybrid Pass	IntraState	19/10/2021	12.30	19/10/2021	14.35	EO	SF6 Gas filling(only top-up)in Hybrid pass
Nadgaonpeth-Amravati	IntraState	19/10/2021	23.00	20/10/2021	00.51	HT	Tripped without indication at 220 KV AMRAVATI SST only.
Kalwa - Mulund 1	IntraState	20/10/2021	08.06	20/10/2021	10.46	PO	Replacement of Rusted earth wire by new earth wire.
Adlabs - Pedambe	IntraState	20/10/2021	09.00	20/10/2021	13.26	PO	Emergency tree cutting between Loc No. 509 to 510.
Akola-Paras Ckt No-I	IntraState	20/10/2021	09.15	20/10/2021	17.25	PO	C & TAN Delta of CT & CC Routine bay Maintenance Work.
Karad - Vita Ckt- II	IntraState	20/10/2021	09.56	20/10/2021	18.04	PO	For New PT protection core

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/Oct/2021

Statement-VII

Position as on 6.30 Hrs of 20/Oct/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							extension work.
Peth- Mudshingi -I	IntraState	20/10/2021	10.13	20/10/2021	17.30	PO	Quarterly maintenance & diagnostic testing work.
Malharpeth - Karad(400kv)	IntraState	20/10/2021	10.19	20/10/2021	18.11	PO	For New PT Protection core extension work.
Dasturi-Kandalgaon Line	IntraState	20/10/2021	10.23	20/10/2021	18.30	PO	safety purpose and for other line maintenance work.
Bableshwar- Alephata ckt I	IntraState	20/10/2021	10.44	20/10/2021	11.04	T	Distance Protection
Bableshwar- Alephata ckt I	IntraState	20/10/2021	11.25	20/10/2021	14.06	T	Distance Protection
Nashik-Padgha	IntraState	20/10/2021	11.37	20/10/2021	19.38	HT	Load control On Nashik Bableshwar.
Jejuri (400 Kv)-Jejuri ckt-I	IntraState	20/10/2021	12.17	20/10/2021	12.15	PO	Breaker Overhauling.
Padghe-Kamba II	IntraState	20/10/2021	14.58	20/10/2021	15.36	T	Busbar operated at Kamba.
Vasai Kamba	IntraState	20/10/2021	14.58	20/10/2021	15.45	T	Busbar operated at Kamba.
Kamba - Kolshet	IntraState	20/10/2021	14.58	20/10/2021	15.38	T	Busbar operated at Kamba.
Padghe - Kambha	IntraState	20/10/2021	14.58	20/10/2021	15.35	T	Busbar operated at Kamba.
Baggaon - Kalwa	IntraState	20/10/2021	15.06	20/10/2021	18.45	PO	Replacement of Rusted Earth wire by new earth wire.
Bableshwar Ahamadnagar-Ii	IntraState	20/10/2021	22.30		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/33kV 100MVA Transformer 1 @Versova R/S	IntraState	18/10/2021	09.53		Continued.	PO	220kv CB operating Mechanism Overhauling work
220/33 Kv 50 Mva Imp Ptr 2 @Sonkar	IntraState	20/10/2021	08.15	20/10/2021	19.34	PO	T/F Balance Painting work.
220/132 Kv 200 Mva Vijay Ict 1 @Chaligaon	IntraState	20/10/2021	08.54	20/10/2021	19.29	PO	Replacement of 245 KV HV R-PH & Y-PH BUSHINGFOR 220/132KV 200 MVA ICT-I.
200/132KV 100MVA ICT-1@Butibori	IntraState	20/10/2021	10.12	20/10/2021	17.29	PO	Tan delta & Capacitance of CT & BUSHINGS, ICT IR, LV CT IR & CB TIMING & CRM.
200 Mva 220/132/11kv Ict 2 @Malinagar	IntraState	20/10/2021	10.44	20/10/2021	12.48	PO	Quarterly Maintainance Work
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	20/10/2021	11.20	20/10/2021	14.37	PO	Quarterly Maintainance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	20/10/2021	11.42	20/10/2021	16.30	PO	Oil leakage arresting from PRV.
110 KV LINE Outages/Trippings							
Kalwa Kalyan	IntraState	20/10/2021	16.31	20/10/2021	17.15	EO	To Open Stuck TBS GOD.

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