

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.200	2705.561	1) Gujrat	-5.710	-120.938
2) Hydro	8.312	210.506	2) Madhya Pradesh	6.485	115.823
3) Gas	5.393	103.544	3) Chattisgarh	0.000	72.220
Total MSPGCL	152.905	3019.611	4) Maharashtra	161.558	2904.013
B) 1) APLM	51.390	987.245	5) Goa (Amona)	-1.748	-29.851
2) JSWEL	12.648	260.437	Total	160.585	2941.267
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.368	528.667
4) RPL(AMT)	24.684	398.196	b) Mumbai Drawl	30.352	539.096
5) SWPGPL	8.202	135.774	c) MSEDCL Bilateral *	43.701	883.695
6) Other IPP	32.920	533.081	Include PX	6.513	194.679
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.368	528.667
C) 1) TPCL Thermal	13.127	230.247	Include PX	15.549	319.409
2) TPCL Hydro	3.987	70.865	Standby	0.000	0.000
3) TPCL Gas	3.504	65.981	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.259	184.406	1) MSEDCL	428.319	8126.207
D) STATE			2) Mumbai Discoms	61.229	1090.594
1) Thermal	292.430	5434.947	TOTAL STATE	489.548	9216.801
(A1+C1+C4+(B1-B6))					
2) Hydro	12.299	281.371			
(A2+C2)					
3) Gas	8.897	169.525			
(A3+B7+C3)					
4) Wind	10.518	263.025			
6) SOLAR	4.819	126.667			
TOTAL STATE	328.963	6275.535			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5891	5653	6189	5679
MSPGCL Hydro	394	512	906	250
MSPGCL Gas	229	207	229	233
MSPGCL Total Generation	6514	6372	7324	6162
Central Sector Receipt	7380	8009	6652	5468
WIND	803	380	351	248
CPP / IPP Thermal	5571	5242	5706	5383
CPP / IPP Gas	0	0	0	0
SOLAR	841	551	0	0
Exchange with Mumbai	-1293	-1388	-1160	-1040
MSEDCL DEMAND MET	19816	19166	18873	16221
Load Shedding	0	0	0	0
MSEDCL DEMAND	19816	19166	18873	16221
TPCL GENERATION	1151	958	1143	560
AEML GENERATION	474	503	501	368
MUMBAI DEMAND	2918	2849	2804	1968
STATE DEMAND MET	22734	22015	21677	18189
STATE DEMAND	22734	22015	21677	18189
Frequency (Hz)	50.05	50.09	50.05	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 13:30 Hrs	49.78 Hz at 09:16 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/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.69	66.02	190	120
Unit 7	0.00	0.00	0	0
Unit 8	5.81	117.90	608	0
Unit 9	12.62	246.19	570	470
Unit 10	12.01	238.24	546	465
Total	34.13	668.36		
Bhusawal				
Unit 3	3.42	65.96	165	115
Unit 4	2.18	183.68	405	0
Unit 5	10.56	187.77	500	335
Total	16.16	437.41		
Parli				
Unit 6	0.00	53.06	0	0
Unit 7	3.48	77.24	155	137
Unit 8	4.09	79.58	203	146
Total	7.57	209.89		
Chandrapur				
Unit 3	3.33	45.28	147	122
Unit 4	3.46	60.13	155	125
Unit 5	8.45	155.98	370	287
Unit 6	0.00	0.00	0	0
Unit 7	8.08	152.88	381	289
Unit 8	9.31	176.94	406	375
Unit 9	9.43	183.72	412	373
Total	42.07	774.92		
Paras				
Unit 3	4.17	26.24	237	138
Unit 4	4.20	77.06	242	141
Total	8.37	103.30		
Khaparkheda				
Unit 1	2.93	50.28	145	90
Unit 2	3.48	61.54	170	120
Unit 3	3.62	61.65	185	125
Unit 4	3.46	66.25	176	122
Unit 5	10.75	176.23	495	285
Total	24.24	415.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.03	32.09	135	115
Unit 5	3.63	63.65	190	120
Total	6.66	95.74		
Uran				
All Units	5.39	103.54	243	199
Total	5.39	103.54		
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)	0.01	6.94	9	0
Total	0.01	6.94		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.40	60.10	380	35
Stage 4	0.23	31.20	234	0
Stage 3	0.45	19.81	80	0
Total	3.08	111.11		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.29	3.99	80	0
SMLHY_PTN	4.94	91.17	217	194
GHATGHAR	0.00	2.65	0	0
Total	5.23	99.40		
Wind				
Total	10.52	263.02	0	0
Total	10.52	263.02		
CPP				
APML(Mus)	51.39	987.24	0	0
JSWEL(Mus)	12.65	260.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.68	398.20	0	0
SWPGPL-Mus	8.20	135.77	0	0
Other(Mus)	32.92	533.08	0	0
Total	129.84	2314.73		
SOLAR				
Total	4.82	126.67	0	0
Total	4.82	126.67		
Tata				
Trombay 5	8.20	141.35	473	250
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	39.71	113	62
Trombay 7B	1.38	26.27	66	41
Trombay 8	4.93	88.90	216	183
TATA Hydro	3.99	70.86	399	0
Total	20.62	367.09		
AEMIL				
DTPS U-1&2	10.26	184.41	503	343
Total	10.26	184.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.20	2705.56	MSPGCL Total	152.90	3019.61
			MSPGCL Thml+Gas	144.59	2809.10	Koyna 1,2 & 4 Total	2.63	91.30
			MSPGCL Hydro	8.31	210.51	State Total	328.96	6275.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Nov/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	5610	263	243	6116	298	5456	0	0	6321	6038	-1271	16637	0	16637	2353	18990	50.04
2	5625	262	233	6120	245	5375	0	0	6206	5838	-1166	16412	0	16412	2190	18602	50.02
3	5700	256	232	6188	236	5380	0	0	6102	5622	-1098	16328	0	16328	2062	18390	50.02
4	5679	250	233	6162	248	5383	0	0	5930	5468	-1040	16221	0	16221	1968	18189	50.00
5	5935	250	233	6418	219	5416	0	0	5949	5860	-1014	16898	0	16898	1942	18840	50.05
6	5785	254	233	6272	338	5386	0	1	6484	6430	-1024	17403	0	17403	1997	19400	50.05
7	5786	312	243	6341	433	5494	0	17	6892	6363	-1017	17632	0	17632	2043	19674	50.04
8	5940	388	243	6571	591	5548	0	111	6802	6535	-990	18366	0	18366	2145	20511	50.01
9	5953	382	232	6567	575	5562	0	324	6971	6566	-1179	18415	0	18415	2392	20807	49.91
10	5961	525	241	6727	665	5578	0	602	7360	7391	-1341	19622	0	19622	2670	22292	49.93
11	5891	394	229	6514	803	5571	0	841	8093	7380	-1293	19816	0	19816	2918	22734	50.05
12	5711	266	228	6205	694	5485	0	876	8147	7407	-1318	19349	0	19349	3004	22353	50.03
13	5447	326	226	5999	504	5280	0	728	7778	7712	-1422	18801	0	18801	3022	21823	50.00
14	5653	512	207	6372	380	5242	0	551	7794	8009	-1388	19166	0	19166	2849	22015	50.09
15	5736	324	225	6285	260	5470	0	408	7924	8032	-1430	19025	0	19025	2883	21908	49.99
16	5976	406	216	6598	207	5543	0	246	7690	7784	-1457	18921	0	18921	3059	21980	50.01
17	6015	247	228	6490	189	5553	0	100	7375	6927	-1336	17923	0	17923	3024	20947	50.02
18	6135	395	219	6749	218	5616	0	14	6594	6547	-1208	17936	0	17936	2894	20830	50.00
19	6189	906	229	7324	351	5706	0	0	6669	6652	-1160	18873	0	18873	2804	21677	50.05
20	6240	339	210	6789	442	5628	0	0	7033	6374	-1279	17954	0	17954	2667	20621	50.02
21	5792	266	199	6257	506	5508	0	0	6442	6153	-1453	16971	0	16971	2765	19736	49.93
22	5530	318	210	6058	660	5110	0	0	6545	6502	-1428	16902	0	16902	2567	19468	49.99
23	5487	239	200	5926	705	4836	0	0	6758	6569	-1485	16551	0	16551	2474	19025	50.01
24	5424	232	201	5857	751	4719	0	0	6761	6426	-1555	16198	0	16198	2537	18735	50.00
MUs	139.20	8.31	5.39	152.90	10.52	129.84	0.00	4.82	166.62	160.58	-30.35	428.32	0.00	428.32	61.23	489.55	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/Nov/2021

Position as on 6.30 Hrs of 20/Nov/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 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)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
MSPGCL	Koyna Unit 3	70	18/11/2021	08.50		Continued.	To attend lower bearing guide cooler replacement work.	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	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)	
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	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
MSPGCL	Koradi Unit-8	660	09/11/2021	23.02	19/11/2021	10.01	Due to abnormal sound in the bottom bearing of RAPH-8B.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Parli Unit 6	250	17/11/2021	14.37		Continued.	Clinker formation	
MSPGCL	Bhusawal Unit 4	500	19/11/2021	05.25		Continued.	Flame Failure	
TPC-G	Trombay 7B	60	19/11/2021	23.15	20/11/2021	02.53	HP Control Valve-II closed	

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

Statement-VII

Position as on 6.30 Hrs of 20/Nov/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	13/11/2021	06.15		Continued.	PO	Annual Maintenance Work
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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Dabhol Nagothane I	InterState	19/11/2021	16.00	19/11/2021	17.54	T	Line tripped at Dabhol end only while shifting on TBC
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	15/11/2021	10.18		Continued.	HT	To control Mumbai line loading.
Karad - Jaigad - II	IntraState	18/11/2021	09.49	19/11/2021	09.24	PO	RTV coating on Bay equipment(RFC 19.54Hrs)
Padghe - Nagothane - II	IntraState	18/11/2021	14.35	19/11/2021	00.17	T	Distance Protection
Parly(MS)- Nanded ckt I	IntraState	18/11/2021	15.27	19/11/2021	08.30	PO	Insulator string replacement Work (RFC 21.33).
Karad-Jaigad - I	IntraState	20/11/2021	02.19		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	19/11/2021	11.25	19/11/2021	22.15	EO	Replacement of Faulty REF Relay
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)
REL Borivali Aarey Line	IntraState	18/11/2021	09.20		Continued.	PO	Under MMRC Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Talandage - Sawantwadi I	IntraState	19/11/2021	09.28	19/11/2021	16.59	PO	Insulator Cleaning
Pusad - Hingoli	IntraState	19/11/2021	10.08	19/11/2021	14.16	PO	Testing Work
Badnera-Akola I	IntraState	19/11/2021	10.15	19/11/2021	17.29	PO	Replacement of Faulty Disc Insulator
Badnera-Akola II	IntraState	19/11/2021	10.16	19/11/2021	17.29	PO	Replacement of Faulty Disc Insulator
Parli(U-VIII) GCR CKT	IntraState	19/11/2021	10.30	19/11/2021	14.03	PO	Testing Work
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	19/11/2021	14.15	19/11/2021	18.00	EO	To attend Hot Spot
Sawantwadi-Bidri	IntraState	20/11/2021	00.14		Continued.	HT	Over Voltage

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