

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Nov/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.492	2865.057	1) Gujrat	-0.102	16.967
2) Hydro	4.284	142.522	2) Madhya Pradesh	5.288	119.375
3) Gas	3.260	134.777	3) Chattisgarh	7.920	155.940
Total MSPGCL	149.036	3142.356	4) Maharashtra	143.929	2850.042
B) 1) APMIL	53.305	1335.105	5) Goa (Amona)	-0.960	-27.780
2) JSWEL	18.601	392.062	Total	156.075	3114.544
3) VIPL	0.000	0.000	a) Mumbai Schedule	15.423	448.826
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	15.989	499.060
5) WPCL	7.601	161.691	c) MSEDCL Bilateral *	32.160	642.392
6) Other IPP	15.951	316.509	Include PX	4.422	20.137
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	15.423	448.826
C) 1) TPCL Thermal	14.900	307.319	Include PX	8.058	270.540
2) TPCL Hydro	1.225	61.172	Standby	0.000	0.000
3) TPCL Gas	3.666	93.118	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.728	178.849	1) MSEDCL	395.716	8364.282
D) STATE			2) Mumbai Discoms	46.508	1139.516
1) Thermal	262.578	5556.592	TOTAL STATE	442.224	9503.798
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	5.509	203.694			
3) Gas (A3+B7+C3)	6.926	227.895			
4) Wind	4.855	258.453			
6) SOLAR	6.281	142.622			
TOTAL STATE	286.149	6389.256			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6056	5974	5866	5143
MSPGCL Hydro	364	368	68	68
MSPGCL Gas	130	130	130	150
MSPGCL Total Generation	6550	6472	6064	5361
Central Sector Receipt	7543	7433	6245	5889
WIND	99	48	213	215
CPP / IPP Thermal	4404	4397	4208	3349
CPP / IPP Gas	0	0	0	0
SOLAR	977	955	1	0
Exchange with Mumbai	-744	-746	-553	-614
MSEDCL DEMAND MET	18829	18559	16178	14200
Load Shedding	0	0	0	0
MSEDCL DEMAND	18829	18559	16178	14200
TPCL GENERATION	858	855	1034	891
AEML GENERATION	500	499	500	498
MUMBAI DEMAND	2102	2100	2087	2003
STATE DEMAND MET	20931	20659	18265	16203
STATE DEMAND	20931	20659	18265	16203
Frequency (Hz)	49.99	49.95	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.02 Hrs	49.77 Hz at 22.10 Hrs	49.98	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 22/Nov/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	12.88	247.73	579	381
Unit 9	12.09	211.76	564	375
Unit 10	0.00	71.95	0	0
Total	24.97	531.44		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.67	206.80	495	285
Unit 5	10.50	186.14	490	280
Total	21.16	392.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	8.84	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.21	106.84	251	180
Total	5.21	115.69		
Chandrapur				
Unit 3	3.65	83.83	170	130
Unit 4	3.39	79.38	145	130
Unit 5	10.28	200.86	440	415
Unit 6	9.96	201.81	433	405
Unit 7	0.00	0.00	0	0
Unit 8	11.44	202.95	485	472
Unit 9	11.73	241.64	496	480
Total	50.44	1010.47		
Paras				
Unit 3	5.52	102.54	247	211
Unit 4	5.42	107.19	238	214
Total	10.94	209.74		
Khaparkheda				
Unit 1	3.74	78.32	165	135
Unit 2	4.02	84.43	180	140
Unit 3	0.00	60.50	0	0
Unit 4	4.20	87.70	185	140
Unit 5	10.59	182.75	450	428
Total	22.56	493.68		
Nasik				
Unit 3	3.01	38.28	144	112
Unit 4	3.21	72.83	146	129
Unit 5	0.00	0.00	0	0
Total	6.22	111.11		
Uran				
All Units	3.26	134.78	150	120
Total	3.26	134.78		
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)	0.00	2.65	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.65		
Koyna				
Stage 1-2	2.36	64.40	310	40
Stage 4	0.00	25.09	0	0
Stage 3	0.48	20.51	80	0
Total	2.84	110.00		
Hydro				
KDPH	0.00	2.05	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.52	40	0
RNGR+BHTSA	0.35	7.58	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.22	1.34	10	9
GHATGHAR	0.78	17.00	225	0
Total	1.45	32.52		
Wind				
Total	4.86	258.45	0	0
Total	4.86	258.45		
CPP				
APML(Mus)	53.30	1335.10	0	0
JSWEL(Mus)	18.60	392.06	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.60	161.69	0	0
Other(Mus)	15.95	316.51	0	0
Total	95.46	2205.37		
SOLAR				
Total	6.28	142.62	0	0
Total	6.28	142.62		
Tata				
Trombay 5	9.94	206.05	463	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.25	59.08	116	65
Trombay 7B	1.42	34.04	67	49
Trombay 8	4.96	101.27	233	136
TATA Hydro	1.22	61.17	226	2
Total	19.79	461.61		
AEML				
DTPS U-1&2	10.73	178.85	500	282
Total	10.73	178.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.49	2865.06	MSPGCL Total	149.04	3142.36
			MSPGCL Thml+Gas	144.75	2999.83	Koyna 1,2 & 4 Total	2.36	89.49
			MSPGCL Hydro	4.28	142.52	State Total	286.15	6389.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Nov/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	5730	70	130	5930	427	3393	0	0	6280	6290	-1112	14928	0	14928	1928	16856	49.98
2	5983	70	150	6203	351	3394	0	0	6244	5902	-999	14851	0	14851	1817	16668	49.99
3	5946	70	140	6156	259	3377	0	0	6188	5922	-902	14812	0	14812	1721	16533	50.01
4	5991	80	140	6211	273	3371	0	0	6126	5990	-838	15007	0	15007	1656	16663	49.99
5	6005	65	140	6210	283	3442	0	0	6270	6187	-817	15305	0	15305	1634	16939	49.93
6	6023	144	140	6307	275	4005	0	0	6312	6470	-772	16285	0	16285	1673	17958	49.99
7	6101	248	140	6489	251	4356	0	8	6639	6742	-412	17434	0	17434	1696	19130	49.95
8	6111	319	150	6580	227	4436	0	140	6746	6710	-382	17711	0	17711	1728	19439	49.92
9	6118	154	130	6402	177	4430	0	436	6668	6651	-463	17633	0	17633	1817	19450	50.01
10	6187	149	140	6476	154	4422	0	706	6943	6871	-570	18059	0	18059	1925	19984	49.99
11	6072	214	130	6416	168	4440	0	901	7395	7459	-673	18711	0	18711	2031	20742	50.00
12	6056	364	130	6550	99	4404	0	977	7606	7543	-744	18829	0	18829	2102	20931	49.99
13	5974	368	130	6472	48	4397	0	955	7671	7433	-746	18559	0	18559	2100	20659	49.95
14	6020	98	130	6248	37	4319	0	818	7749	7712	-708	18426	0	18426	2056	20482	50.01
15	6045	188	120	6353	55	4260	0	708	7791	7589	-696	18269	0	18269	2046	20315	49.99
16	6092	404	130	6626	82	4407	0	425	7376	7220	-664	18096	0	18096	2022	20118	49.97
17	6011	493	140	6644	107	4433	0	186	6646	6662	-553	17479	0	17479	1983	19462	49.93
18	5968	373	130	6471	162	4423	0	20	6172	5834	-433	16477	0	16477	1974	18451	50.00
19	5866	68	130	6064	213	4208	0	1	6195	6245	-553	16178	0	16178	2087	18265	50.04
20	5841	68	130	6039	225	3952	0	0	6160	5825	-579	15462	0	15462	2176	17638	50.00
21	5495	68	150	5713	288	3490	0	0	5933	5616	-586	14521	0	14521	2171	16692	49.98
22	5370	68	130	5568	231	3404	0	0	5926	5614	-560	14257	0	14257	2111	16368	50.01
23	5344	73	130	5547	248	3346	0	0	6018	5699	-613	14227	0	14227	2051	16278	49.98
24	5143	68	150	5361	215	3349	0	0	6016	5889	-614	14200	0	14200	2003	16203	50.00
MUs	141.49	4.28	3.26	149.04	4.85	95.46	0.00	6.28	159.07	156.07	-15.99	395.72	0.00	395.72	46.51	442.22	49.98

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 22/Nov/2020

Position as on 6.30 Hrs of 23/Nov/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem(Converted in to Annual Overhaul.From	
MSPGCL	Khaparkheda Unit 3	210	19/11/2020	23.55		Continued.	ANNUAL OVERHAUL	
MSPGCL	Koyna STG-IV Unit-4	250	23/11/2020	08.00		Continued.	Capital overhauling work.	
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	
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	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	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Chandrapur Unit 7	500	29/09/2020	01.58		Continued.	Tripped On Generator Protection.	
MSPGCL	Parli Unit 7	250	22/10/2020	20.00		Continued.	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	01/11/2020	04.44		Continued.	No Schedule	
MSPGCL	Parli Unit 6	250	02/11/2020	23.28		Continued.	Excess DM water consumption.	
MSPGCL	Uran Unit 5	108	20/11/2020	00.28	23/11/2020	03.30	Filter Replacement work	
IPP	Adani U-2	660	20/11/2020	06.23		Continued.	ID Fan Problem	
IPP	Adani U-1	660	23/11/2020	10.46		Continued.	W/dn , aph-a hot pa bellow leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 23/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 500MVA SPARE ICT UNIT @ AURANGABAD (EKTUNI)	IntraState	23/11/2020	11.25	23/11/2020	19.18	PO	Diagnostic Testing & Routine Maintenance.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	19/10/2020	23.01		Continued.	PO	Abnormal sound from main tank of smoothing reactor at Chandrapur end
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	21/11/2020	10.18		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	22/11/2020	09.46	22/11/2020	19.22	PO	Cold washing and Faulty string replacement work
Akola Wardha li	InterState	22/11/2020	13.55		Continued.	T	Distance Protection
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage (Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Jaigad-Karad Ckt-I	IntraState	27/09/2020	18.59		Continued.	T	Distance Protection(Tower Collapsed Loc No.150 at 18.59Hrs DT.27/09/2020).
Khadka-Aurangabad (Waluj)	IntraState	21/11/2020	17.43	22/11/2020	06.58	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	21/11/2020	18.17	22/11/2020	09.41	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	22/11/2020	14.32	22/11/2020	19.34	PO	To attend broken Conductor Strand
Khadka-Aurangabad (Waluj)	IntraState	22/11/2020	18.50	23/11/2020	06.59	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	22/11/2020	20.13	23/11/2020	06.43	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	23/11/2020	09.00	23/11/2020	17.46	PO	Tree cutting work.
Bus Coupler @ Koradi	IntraState	23/11/2020	11.25		Continued.	PO	Circuit Breaker Pole Overhauling.
Khadka-Aurangabad (Waluj)	IntraState	23/11/2020	18.04		Continued.	HT	Over Voltage
Dhule - Bableshtar - II	IntraState	23/11/2020	18.13		Continued.	HT	Over Voltage
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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	18/11/2020	19.25		Continued.	PO	Bursting Of HV Side R-Phase Bushing.
400/220/33 Kv 315 Mva ICT I @ Akola (M)	IntraState	20/11/2020	09.36		Continued.	PO	Tan Delta of Bushing
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	22/11/2020	18.15	23/11/2020	00.12	T	LV side PDR Operated
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	23/11/2020	10.13	23/11/2020	16.31	PO	ICT bushing winding Tan delta testing & quarterly bay maint work.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	23/11/2020	11.14	23/11/2020	18.31	PO	Diagnostic testing & Relay testing work & Routine maint. 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)
Tillari Amona	InterState	02/11/2020	14.30		Continued.	PO	220 kv Amona Bay old CB Replacement (civil,Erection & Commissioning,testing)Work at 220 kv Tillari Switch yard.
EKLAHARE (OCR) Nasik - Navsari I	InterState	14/11/2020	17.19		Continued.	HT	Outage at Navsari end.
Borivali - Tarapur	InterState	22/11/2020	11.16	23/11/2020	04.26	PO	Mid Span Joint 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 22/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 23/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Borivali(MS) Boisar(PG)	InterState	22/11/2020	11.25	23/11/2020	05.20	PO	Tarapur-Borivali Line Mid Span Joint work
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower Due to Railway Crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower Due to Railway Crossing
Lonikand1 (400 Kv)-Theur I	IntraState	22/11/2020	08.28	22/11/2020	15.35	PO	Dismantelling of 29C isolator
New Koyna - Niwali	IntraState	22/11/2020	09.35	22/11/2020	16.14	EO	To attend Hot Spot
Peth- Mudshingi -I	IntraState	23/11/2020	09.18	23/11/2020	18.10	PO	"R,Y,B Phase Conductor restringing at Loc No 132 to 151.
Oni Kharepatan Line	IntraState	23/11/2020	09.32	23/11/2020	20.15	PO	For cold washing of insulators of line at Loc nos. 297-345.
Ghatghar - Bapgaon	IntraState	23/11/2020	10.55	23/11/2020	19.35	PO	220 kv y phase Ia replacement work at ghatghar ss.
Trombay-Salsette II	IntraState	23/11/2020	11.00	23/11/2020	14.47	PO	Emergency tree trimming.
Taloja II - OCIL-I	IntraState	23/11/2020	11.07	23/11/2020	16.39	PO	Routine Maintenance Work
Uran - Apta II	IntraState	23/11/2020	11.20	23/11/2020	15.00	PO	Routine Maintenance Work
Uran - Apta IV	IntraState	23/11/2020	15.10	23/11/2020	18.16	PO	Emergency tree cutting at Loc no. 22 to 23 & routine maintenance work.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Bbl Ptr 4 @Phursungi	IntraState	23/11/2020	09.02	23/11/2020	18.02	PO	Half yearly maintenance, Bushing tan delta & PI measurement.
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	23/11/2020	14.00	23/11/2020	16.40	PO	1) For Tan Delta Measurement Offhv - Lv Ct ,Hv_Lv Bushing & Winding 2) Cb Timing Crm, Measurment Of Hv & Lv Breaker.

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