

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Nov/2020 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.655	3005.712	1) Gujrat	0.111	17.078
2) Hydro	17.187	159.709	2) Madhya Pradesh	8.236	127.611
3) Gas	5.899	140.676	3) Chattisgarh	8.060	164.000
Total MSPGCL	163.741	3306.097	4) Maharashtra	139.878	2989.920
B) 1) APML	47.894	1382.999	5) Goa (Amona)	-1.532	-29.312
2) JSWEL	19.506	411.568	Total	154.753	3269.297
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.610	467.436
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.863	517.923
5) WPCL	8.107	169.798	c) MSEDCL Bilateral *	31.902	674.293
6) Other IPP	16.861	333.370	Include PX	4.346	24.483
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.610	467.436
C) 1) TPCL Thermal	15.435	322.754	Include PX	10.837	281.377
2) TPCL Hydro	3.063	64.235	Standby	0.000	0.000
3) TPCL Gas	2.781	95.899	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.115	189.964	1) MSEDCL	402.270	8766.552
D) STATE			2) Mumbai Discoms	51.257	1190.773
1) Thermal	259.573	5816.165	TOTAL STATE	453.527	9957.325
(A1+C1+C4+(B1-B6))					
2) Hydro	20.250	223.944			
(A2+C2)					
3) Gas	8.680	236.575			
(A3+B7+C3)					
4) Wind	4.288	262.741			
6) SOLAR	5.983	148.605			
TOTAL STATE	298.774	6688.030			

* 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 3 Hrs
MSPGCL Thermal	6070	6049	6003	5414
MSPGCL Hydro	1390	1309	1206	80
MSPGCL Gas	267	266	280	150
MSPGCL Total Generation	7727	7624	7489	5644
Central Sector Receipt	7830	7490	6169	5274
WIND	85	52	156	257
CPP / IPP Thermal	3962	3921	3880	3403
CPP / IPP Gas	0	0	0	0
SOLAR	907	891	0	0
Exchange with Mumbai	-1211	-1179	-767	-355
MSEDCL DEMAND MET	19300	18799	16927	14223
Load Shedding	0	0	0	0
MSEDCL DEMAND	19300	18799	16927	14223
TPCL GENERATION	926	916	1160	830
AEML GENERATION	497	496	497	498
MUMBAI DEMAND	2634	2591	2424	1683
STATE DEMAND MET	21934	21390	19351	15906
STATE DEMAND	21934	21390	19351	15906
Frequency (Hz)	49.99	49.97	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 00.07 Hrs	49.76 Hz at 07.20 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 23/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	13.02	260.74	567	388
Unit 9	12.42	224.18	579	398
Unit 10	0.00	71.95	0	0
Total	25.44	556.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.26	217.06	485	285
Unit 5	9.94	196.08	460	280
Total	20.20	413.13		
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	5.45	112.30	250	192
Total	5.45	121.14		
Chandrapur				
Unit 3	3.68	87.51	167	140
Unit 4	3.34	82.72	152	130
Unit 5	10.42	211.28	466	425
Unit 6	9.98	211.79	425	409
Unit 7	0.00	0.00	0	0
Unit 8	11.30	214.25	483	444
Unit 9	11.58	253.22	493	465
Total	50.30	1060.76		
Paras				
Unit 3	5.14	107.68	230	210
Unit 4	5.01	112.20	230	188
Total	10.14	219.88		
Khaparkheda				
Unit 1	3.66	81.98	160	130
Unit 2	4.03	88.46	180	140
Unit 3	0.00	60.50	0	0
Unit 4	4.30	92.00	190	140
Unit 5	10.32	193.07	450	400
Total	22.31	516.00		
Nasik				
Unit 3	3.53	41.82	192	124
Unit 4	3.28	76.11	150	125
Unit 5	0.00	0.00	0	0
Total	6.82	117.93		
Uran				
All Units	5.90	140.68	293	130
Total	5.90	140.68		
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)	0.13	2.78	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	2.78		
Koyna				
Stage 1-2	5.10	69.50	560	45
Stage 4	7.48	32.57	751	0
Stage 3	3.02	23.53	320	0
Total	15.60	125.60		
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.	0.13	3.65	40	0
RNGR+BHTSA	0.35	7.93	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.22	1.56	10	9
GHATGHAR	0.89	17.88	250	0
Total	1.59	34.11		
Wind				
Total	4.29	262.74	0	0
Total	4.29	262.74		
CPP				
APML(Mus)	47.89	1383.00	0	0
JSWEL(Mus)	19.51	411.57	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	8.11	169.80	0	0
Other(Mus)	16.86	333.37	0	0
Total	92.37	2297.74		
SOLAR				
Total	5.98	148.60	0	0
Total	5.98	148.60		
Tata				
Trombay 5	10.28	216.33	462	277
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.60	60.68	86	57
Trombay 7B	1.18	35.22	57	44
Trombay 8	5.16	106.43	229	139
TATA Hydro	3.06	64.24	397	2
Total	21.28	482.89		
AEML				
DTPS U-1&2	11.12	189.96	499	280
Total	11.12	189.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.66	3005.71	MSPGCL Total	163.74	3306.10
			MSPGCL Thml+Gas	146.55	3146.39	Koyna 1,2 & 4 Total	12.58	102.07
			MSPGCL Hydro	17.19	159.71	State Total	298.77	6688.03

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5298	80	140	5518	253	3390	0	0	5758	6112	-557	14716	0	14716	1890	16606	50.02
2	5660	70	130	5860	252	3408	0	0	5680	5234	-455	14299	0	14299	1780	16079	50.01
3	5414	80	150	5644	257	3403	0	0	5697	5274	-355	14223	0	14223	1683	15906	50.01
4	5267	69	150	5486	254	3397	0	0	5694	5989	-295	14831	0	14831	1624	16455	49.98
5	5510	74	165	5749	230	3459	0	0	5735	6147	-280	15305	0	15305	1610	16915	49.99
6	5810	69	229	6108	186	3952	0	0	5960	5849	-348	15747	0	15747	1659	17406	49.97
7	5915	363	293	6571	219	4365	0	4	6436	6203	-409	16953	0	16953	1709	18662	49.96
8	5921	1112	283	7316	190	4497	0	117	6537	6718	-535	18303	0	18303	1837	20140	49.93
9	5939	1141	283	7363	168	4536	0	395	6670	6710	-763	18409	0	18409	2071	20480	49.97
10	5991	913	281	7185	183	4493	0	661	7075	6829	-1038	18313	0	18313	2345	20658	49.96
11	6042	1190	268	7500	153	4214	0	826	7522	7602	-1179	19116	0	19116	2551	21667	49.98
12	6070	1390	267	7727	85	3962	0	907	7776	7830	-1211	19300	0	19300	2634	21934	49.99
13	6049	1309	266	7624	52	3921	0	891	7786	7490	-1179	18799	0	18799	2591	21390	49.97
14	6086	820	257	7163	53	3818	0	866	7842	7776	-1057	18619	0	18619	2463	21082	50.03
15	6036	980	276	7292	60	3789	0	658	8108	7933	-1049	18683	0	18683	2439	21122	49.95
16	6033	1596	257	7886	82	3795	0	453	7630	7641	-958	18899	0	18899	2432	21331	49.93
17	6025	1787	268	8080	76	3901	0	185	6683	6469	-747	17964	0	17964	2391	20355	49.91
18	5958	1789	268	8015	98	3892	0	20	6103	6050	-660	17415	0	17415	2352	19767	49.95
19	6003	1206	280	7489	156	3880	0	0	6096	6169	-767	16927	0	16927	2424	19351	49.98
20	5994	456	271	6721	184	3850	0	0	6080	5817	-734	15838	0	15838	2381	18219	50.02
21	5909	278	271	6458	282	3662	0	0	5897	5744	-999	15147	0	15147	2287	17434	49.95
22	5909	268	281	6458	308	3705	0	0	5689	5473	-1048	14896	0	14896	2132	17028	50.04
23	5893	79	273	6245	298	3641	0	0	6234	5671	-1100	14755	0	14755	2016	16771	50.00
24	5923	68	292	6283	209	3438	0	0	6295	6023	-1140	14813	0	14813	1956	16769	50.01
MUs	140.66	17.19	5.90	163.74	4.29	92.37	0.00	5.98	156.98	154.75	-18.86	402.27	0.00	402.27	51.26	453.53	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 23/Nov/2020

Position as on 6.30 Hrs of 24/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	24/11/2020	06.16	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	24/11/2020	01.50	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 23/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 24/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
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	22/11/2020	18.50	23/11/2020	06.59	HT	Over Voltage
Dhule - Bableswhar - 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 - Bableswhar - II	IntraState	23/11/2020	18.13	24/11/2020	06.34	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 Koyna	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
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

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 23/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 Offv - 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