

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Nov/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.374	1427.214	1) Gujrat	0.108	13.259
2) Hydro	8.428	63.357	2) Madhya Pradesh	7.602	72.534
3) Gas	6.721	73.181	3) Chattisgarh	7.450	73.850
Total MSPGCL	136.523	1563.752	4) Maharashtra	128.615	1384.501
B) 1) APMIL	53.405	692.233	5) Goa (Amona)	-1.051	-12.477
2) JSWEL	16.746	190.620	Total	142.724	1531.667
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.983	241.802
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.108	254.051
5) WPCL	7.921	81.622	c) MSEDCL Bilateral *	28.909	313.175
6) Other IPP	15.168	146.142	Include PX	0.104	4.242
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.983	241.802
C) 1) TPCL Thermal	13.698	164.195	Include PX	10.272	147.037
2) TPCL Hydro	3.087	34.811	Standby	0.000	0.000
3) TPCL Gas	4.392	48.066	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.649	78.543	1) MSEDCL	378.486	4162.801
D) STATE			2) Mumbai Discoms	50.934	579.665
1) Thermal	237.961	2780.569	TOTAL STATE	429.420	4742.466
(A1+C1+C4+(B1-B6))					
2) Hydro	11.515	98.168			
(A2+C2)					
3) Gas	11.113	121.247			
(A3+B7+C3)					
4) Wind	19.137	136.391			
6) SOLAR	6.970	74.425			
TOTAL STATE	286.696	3210.800			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5260	5204	5388	4054
MSPGCL Hydro	463	253	846	54
MSPGCL Gas	279	267	279	293
MSPGCL Total Generation	6002	5724	6513	4401
Central Sector Receipt	6860	6783	5751	5407
WIND	1326	675	485	1045
CPP / IPP Thermal	4288	4254	4423	3131
CPP / IPP Gas	0	0	0	0
SOLAR	879	1030	1	0
Exchange with Mumbai	-1024	-939	-821	-743
MSEDCL DEMAND MET	18331	17527	16352	13241
Load Shedding	0	0	0	0
MSEDCL DEMAND	18331	17527	16352	13241
TPCL GENERATION	934	1043	1160	601
AEML GENERATION	499	498	500	283
MUMBAI DEMAND	2457	2480	2481	1627
STATE DEMAND MET	20788	20007	18833	14868
STATE DEMAND	20788	20007	18833	14868
Frequency (Hz)	49.99	50.06	50.03	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.81 Hz at 16.14 Hrs	50	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 11/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	11.23	123.55	575	368
Unit 9	11.30	86.60	551	372
Unit 10	0.00	71.95	0	0
Total	22.53	282.10		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.81	104.20	495	280
Unit 5	10.16	84.28	500	280
Total	19.98	188.48		
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	5.42	49.77	250	187
Total	5.42	58.61		
Chandrapur				
Unit 3	3.92	42.22	177	120
Unit 4	3.65	39.88	160	136
Unit 5	8.86	99.04	425	275
Unit 6	9.30	101.85	420	275
Unit 7	0.00	0.00	0	0
Unit 8	11.19	86.13	490	275
Unit 9	11.28	123.64	491	283
Total	48.20	492.77		
Paras				
Unit 3	5.30	60.83	240	193
Unit 4	0.50	54.06	128	0
Total	5.80	114.89		
Khaparkheda				
Unit 1	3.60	39.84	170	140
Unit 2	3.80	43.00	180	140
Unit 3	1.25	41.06	180	0
Unit 4	4.11	44.55	185	140
Unit 5	0.00	76.16	0	0
Total	12.75	244.61		
Nasik				
Unit 3	3.35	8.70	197	120
Unit 4	3.35	37.04	190	124
Unit 5	0.00	0.00	0	0
Total	6.70	45.74		
Uran				
All Units	6.72	73.18	294	257
Total	6.72	73.18		
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)	0.22	2.08	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.22	2.08		
Koyna				
Stage 1-2	3.58	30.64	545	40
Stage 4	2.20	8.38	301	0
Stage 3	1.33	9.25	160	0
Total	7.12	48.26		
Hydro				
KDPH	0.00	0.00	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.	0.15	2.14	40	0
RNGR+BHTSA	0.35	3.89	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.93	0	0
SMLHY_PTN	0.00	0.28	0	0
GHATGHAR	0.81	7.75	250	0
Total	1.31	15.10		
Wind				
Total	19.14	136.39	0	0
Total	19.14	136.39		
CPP				
APML(Mus)	53.40	692.23	0	0
JSWEL(Mus)	16.75	190.62	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	7.92	81.62	0	0
Other(Mus)	15.17	146.14	0	0
Total	93.24	1110.62		
SOLAR				
Total	6.97	74.42	0	0
Total	6.97	74.42		
Tata				
Trombay 5	9.09	107.52	462	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	30.67	118	116
Trombay 7B	1.58	17.39	67	65
Trombay 8	4.61	56.68	233	135
TATA Hydro	3.09	34.81	383	2
Total	21.18	247.07		
AEML				
DTPS U-1&2	9.65	78.54	501	282
Total	9.65	78.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.37	1427.21	MSPGCL Total	136.52	1563.75
			MSPGCL Thml+Gas	128.10	1500.40	Koyna 1,2 & 4 Total	5.78	39.01
			MSPGCL Hydro	8.43	63.36	State Total	286.70	3210.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4412	59	283	4754	697	3294	0	0	5499	5345	-972	13118	0	13118	1929	15047	50.01
2	4412	54	293	4759	823	3269	0	0	5548	5208	-903	13156	0	13156	1797	14953	49.99
3	4398	64	284	4746	920	3226	0	0	5482	5177	-812	13257	0	13257	1697	14954	49.99
4	4054	54	293	4401	1045	3131	0	0	5347	5407	-743	13241	0	13241	1627	14868	50.00
5	4698	69	294	5061	1089	3229	0	0	5290	5478	-720	14137	0	14137	1605	15742	50.01
6	5173	89	294	5556	1145	3387	0	0	5516	5830	-754	15164	0	15164	1642	16806	49.99
7	5448	474	294	6216	1187	3958	0	26	5860	5746	-497	16636	0	16636	1698	18334	49.98
8	5455	625	293	6373	1086	4305	0	187	5913	6010	-430	17531	0	17531	1809	19340	50.01
9	5287	629	282	6198	878	4387	0	486	6195	6524	-623	17850	0	17850	2038	19888	49.98
10	5273	588	280	6141	921	4397	0	765	6597	6552	-856	17920	0	17920	2284	20204	49.98
11	5260	463	279	6002	1326	4288	0	879	6973	6860	-1024	18331	0	18331	2457	20788	49.99
12	5172	350	268	5790	1004	4238	0	994	7042	7014	-991	18049	0	18049	2519	20568	50.01
13	5204	253	267	5724	675	4254	0	1030	7060	6783	-939	17527	0	17527	2480	20007	50.06
14	5295	172	257	5724	493	4243	0	940	6825	6799	-927	17272	0	17272	2413	19685	50.02
15	5334	310	266	5910	332	4161	0	798	6730	6862	-938	17125	0	17125	2426	19551	49.92
16	5321	826	266	6413	219	4225	0	547	6582	6680	-907	17177	0	17177	2431	19608	49.95
17	5426	995	266	6687	210	4285	0	273	6212	6012	-763	16704	0	16704	2420	19124	49.96
18	5447	845	267	6559	323	4380	0	44	5906	5726	-734	16298	0	16298	2408	18706	50.02
19	5388	846	279	6513	485	4423	0	1	5877	5751	-821	16352	0	16352	2481	18833	50.03
20	5354	369	270	5993	635	4300	0	0	5886	5909	-925	15912	0	15912	2409	18321	50.00
21	5341	79	290	5710	696	3817	0	0	5750	5502	-1004	14721	0	14721	2275	16996	49.98
22	5216	75	282	5573	863	3409	0	0	5356	5338	-927	14256	0	14256	2150	16406	50.03
23	4642	75	282	4999	1033	3291	0	0	5509	5058	-944	13437	0	13437	2025	15462	50.01
24	4364	65	292	4721	1052	3343	0	0	5372	5153	-954	13315	0	13315	1914	15229	49.99
MUs	121.37	8.43	6.72	136.52	19.14	93.24	0.00	6.97	144.33	142.72	-20.11	378.49	0.00	378.49	50.93	429.42	50.00

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 11/Nov/2020

Position as on 6.30 Hrs of 12/Nov/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	
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	Khaparkheda Unit 5	500	08/11/2020	14.01	12/11/2020	00.42	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	09/11/2020	01.28		Continued.	Air heater problem	
IPP	Adani U-3	660	10/11/2020	18.28		Continued.	APH 3B gear box problem.	
MSPGCL	Paras Unit 4	250	11/11/2020	04.00		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	11/11/2020	08.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 12/Nov/2020

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 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	10/11/2020	18.08		Continued.	HT	Over Voltage
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).
Koradi-Bhusawal	IntraState	09/11/2020	09.23	11/11/2020	06.49	PO	Restrining Of Conductor between Tower No 06-16.
Dhule - Bableshwar - II	IntraState	10/11/2020	19.48	11/11/2020	07.15	HT	Over Voltage
Akola II - RPL(Rattania) Ckt I	IntraState	10/11/2020	20.20	11/11/2020	08.26	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	11/11/2020	12.09	11/11/2020	18.20	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	11/11/2020	19.55		Continued.	HT	Over Voltage
Dhule - Bableshwar - II	IntraState	11/11/2020	21.24		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 KV 315 MVA ICT-I @ Nagothane	IntraState	11/11/2020	04.10	11/11/2020	14.04	T	Buchholz alarm.
400/220KV 500MVA ICT1@koradi 2	IntraState	11/11/2020	11.25	11/11/2020	18.02	PO	DCRM of CB 430-Q52 Tan delta measurement of Bus CT at Bay 430.
400/220KV 500MVA ICT-I @Nanded	IntraState	11/11/2020	12.11	11/11/2020	19.18	PO	To carry out Tan-d Testing of ICT-1 group. As directives of Hon. Dir (OP), under RTF Daignotic Testing of ICT is to be completed within next 15 days.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	11/11/2020	13.33	11/11/2020	17.42	PO	CB Diagnostic testing & bay CT's.
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	07/11/2020	13.59		Continued.	HT	Outage at navsari end.
Kharghar-Borivali ckt II	IntraState	11/08/2020	01.45		Continued.	T	Special Repair Cable work.
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage Arrangement HTLS Work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage Arrangement HTLS 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
Tata Borivli MSETCL Borivli 4	IntraState	10/11/2020	10.04		Continued.	PO	Annual Diagnostic Testing Work.
Ghodbunder - Versova	IntraState	11/11/2020	09.26	11/11/2020	16.51	PO	Annual maintenance of Bay equipments.

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 11/Nov/2020

Statement-VII

Position as on 6.30 Hrs of 12/Nov/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sawantwadi-Bidri	IntraState	11/11/2020	09.43	11/11/2020	19.35	PO	For cold washing of Insulator strings.
Malharpeth - Karad(400kv)	IntraState	11/11/2020	10.34	11/11/2020	12.15	PO	Line signature Testing work
Bombay Dyeing - Sahara	IntraState	11/11/2020	11.30	11/11/2020	22.05	PO	1.Replacement of polymer insulator by long rod porcelain loc no - 116,117,117A,118,119,120,123. Earthwire replacement work at Loc no. 120-123.
Nanded-Parbhani	IntraState	11/11/2020	11.56	11/11/2020	16.06	PO	Tree Trimming Work Between Loc No. 64-65.
Colourchem - Temghar	IntraState	11/11/2020	13.01	11/11/2020	14.58	PO	Replacement of damaged jumper between Bus isolator to CB- R- phase.
220 KV ICT Outages/Trippings							
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	11/11/2020	08.36	11/11/2020	22.15	PO	1). Diagnostic test of ICT 2) HV & LV CT Tan Delta 3) HV & LV CB CRM , Timing, IR value & other R&M work.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	11/11/2020	09.07	11/11/2020	19.07	PO	Diagnostic Testing Work, Tan delta Capacitance of CTs, Bushings & Winding, SFRA, PI, Auxiliary testing, 10KV excitation tests. R&M Work.
220/33kv 50mva Imp Ptr 3 @Wathar	IntraState	11/11/2020	10.02	11/11/2020	16.49	PO	SFRA Testing & IR Testing Work
220/33kv 50mva Emco Ptr 2 @Baramati	IntraState	11/11/2020	11.04	11/11/2020	14.25	PO	DIAGNOSTIC & RELAY TESTING WORK.
220/132-110 Kv 100 Mva Ict 1 @Kadegaon	IntraState	11/11/2020	11.11	11/11/2020	13.35	PO	Oil Top Up Work.
220/132Kv 200MVA ICT-II @Mudshingi	IntraState	11/11/2020	12.50	11/11/2020	18.09	PO	Testing Work.
220/22 Kv 50 Mva Alstom Ptr 1 @Mulund	IntraState	11/11/2020	13.40	11/11/2020	14.57	PO	AMR Project commission
220/132kv 100mva Vijai Ptr No 1 @Baramati	IntraState	11/11/2020	14.29	11/11/2020	19.12	PO	DIAGNOSTIC & RELAY TESTING WORK.

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