

 MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.		MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD					
		STATE LOAD DESPATCH CENTRE, KALWA					
		Office of The Chief Engineer State Load Despatch Centre					
		Thane-Belapur Road, P.O. Airoli, Navi Mumbai. PIN-400708					
To : MS WRPC, DGM WRLDC, PGCIL Andheri Mumbai, CE(CEA) New Delhi.						Page 1	
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Monthly Generation Report for December 2020							
Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption	Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption
Koradi				Pench(MS)			
Unit 6	73.50	205	5.94	Koyna			
Unit 7	50.85	172	6.07	Stage 1-2	95.34	575	1.73
Unit 8	380.13	670	29.46	Stage 3	41.16	320	
Unit 9	277.25	605	24.52	Stage 4	93.84	755	
Unit 10	17.23	366	5.51	Total	230.34		
Total	798.96		71.496				
Bhusawal				Small Hydro			
Unit 3	0.00	0	2.07	KDPH	9.93	19	0.5402
Unit 4	307.72	500	17.574	VTRNA	0.00	0	
Unit 5	252.84	505	14.2194	TILLARI	1.83	58	
Total	560.56		33.861	BHTGR/VEER	0.00	0	
Parali				BHIRA T.R	6.00	40	
Unit 4	0.00	0	16.63	RNGR+BHTSA	10.92	16	
Unit 5	0.00	0	0.51	BHANDARDARA	0.00	0	
Unit 6	155.60	255	16.86	ELDARY	1.09	15	
Unit 7	157.78	255	15.23	SMLHY_PTN	12.63	54	
Unit 8	152.63	253	14.85	GHATGHAR	29.63	250	
Total	466.01		64.080	Total	72.03		
Chandrapur				Wind			
Unit 3	103.08	176	10.509	Total	343.81		
Unit 4	110.82	165	9.830	Total	343.81		
Unit 5	283.24	456	21.658	IPP/CPP			
Unit 6	233.67	435	19.495	APML(All Units)	1363.32		72.158
Unit 7	184.68	470	17.883	JSWEL(All Units)	568.03		14.26
Unit 8	208.25	500	10.299	VIPL(All Units)	0		0
Unit 9	318.00	500	17.089	RPL AMT(All Units)	317.68		26.26
Total	1441.74		106.763	SWPGL(All Units)	225.16		22.546
Paras				Other	544.04		0.166
Unit 3	146.39	256	15.500	Total	3018.23		135.385
Unit 4	148.96	255	15.104				
Total	295.35		30.604				
Khaperkheda				Solar			
Unit 1	103.84	170	12.011	Total	197.8		
Unit 2	117.18	185	11.485	Total	197.8		
Unit 3	37.99	200	3.675	TATA			
Unit 4	128.62	200	10.506	Trombay 5	274.51	473	24.434
Unit 5	279.22	470	15.828	Trombay 6	0.00	0	
Total	666.85		53.506	Trombay 8	140.13	239	
Nashik				Trombay 7A	64.34	120	3.282
Unit 3	7.70	175	1.25	Trombay 7B	40.47	68	
Unit 4	93.29	198	10.95	TATA Hydro	98.99	424	1.636
Unit 5	0.00	0	0.04	Total	618.44		29.352
Total	100.99		12.2460	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	289.82	502	28.089
All Uran	191.1	315	5.054	Total	289.82		28.089
Total	191.1		5.054	Central Sector Receipt Including Bilateral	4839.32	Total aux.consumption	572.704
PGPL				Total Thermal+Gas (T+G)	8349.06	Excluding Pench	
Unit 1	0.00	0		Mah. Wind injection (W)	343.81		
Unit 2	0.00	0		Mah.Solar injection (S)	197.8		
Total				Hydro (H)	401.36		
Pench(MS)	6.98	54		Total (T+G+H+W+S)	9292.03		
Total	6.98			Restricted Energy Requirement (Gross) Mus	14131.354		

Monthly Report for December - 2020

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	8053.154
Total Hydro Generation	401.360
Total Gas Generation	295.910
Total Solar Generation	197.800
Total Wind Generation	343.810
Total State Generation	9292.034
InterState Exchanges	
GEB	60.931
MPEB	218.160
CHATTISGARH	188.270
GOA	-38.937
MAHARASHTRA NET	4410.896
Net InterState Exchanges	4839.320
Restricted Energy Requirement(Gross)	14131.354
Restricted Energy Requirement(Ex-Bus)	13558.650
Bilateral Power Purchases	
IMPORT	298.029
EXPORT	-15.257
PX	338.753
INTRA	565.943
Total Bilateral Purchase by MSEDCL	1187.468
IMPORT	61.218
EXPORT	0.607
STANDBY FROM MSEDCL	0.978
PX	289.829
INTRA	159.496
Total Bilateral Purchase by Mumbai	512.128
Total Auxiliary Consumption	572.704
MSPGCL Total	379.88
Thermal	372.556
Hydro	2.268
Gas	5.054
TPCL Total	29.352
Thermal	24.434
Hydro	1.636
Gas	3.282
AEML Dahanu	28.089

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	23479	11	10-Dec-20	50.07
Unrestricted Demand(Ex-Bus)	22737	11	10-Dec-20	50.07
Catered Demand(Gross)	23479	11	10-Dec-20	50.07
Catered Demand(Ex-Bus)	22737	11	10-Dec-20	50.07

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of -57.664 MW)	Catered Demand	Load Shedding	Stag. Effect
23479	23537	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			13221
Hydro+Wind+Solar Generation During the Peak			2747.5

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	23537	11	10-Dec-20	50.07
Minimum Demand	14903	4	14-Dec-20	50.01
Koyna Lake Level in Ft.				
31-Dec-2020	31-Dec-2019			
2152.6	2151.4			