

 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 January 2021							
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	84.08	200	9.20	Koyna			
Unit 7	58.12	157	8.16	Stage 1-2	85.02	575	2.06
Unit 8	358.53	648	28.20	Stage 3	48.44	320	
Unit 9	365.68	625	26.82	Stage 4	140.96	787	
Unit 10	305.51	600	21.21	Total	274.42		
Total	1171.92		93.593				
Bhusawal				Small Hydro			
Unit 3	58.90	190	7.79	KDPH	12.12	37	0.6955
Unit 4	301.38	500	17.362	VTRNA	5.50	69	
Unit 5	230.55	500	13.8177	TILLARI	7.94	58	
Total	590.83		38.971	BHTGR/VEER	0.00	0	
Parali				BHIRA T.R	7.97	40	
Unit 4	0.00	0	0.46	RNGR+BHTSA	10.4	16	
Unit 5	0.00	0	0.49	BHANDARDARA	0.00	0	
Unit 6	157.31	259	16.74	ELDARY	6.85	16	
Unit 7	157.52	252	15.34	SMLHY_PTN	8.71	21	
Unit 8	161.92	254	15.56	GHATGHAR	33.24	250	
Total	476.75		48.586	Total	92.73		
Chandrapur				Wind			
Unit 3	116.11	179	12.342	Total	209.28		
Unit 4	90.68	168	8.301	Total	209.28		
Unit 5	244.47	455	20.926	IPP/CPP			
Unit 6	272.87	445	21.857	APML(All Units)	1254.28		69.86
Unit 7	242.82	420	24.286	JSWEL(All Units)	534.73		46.49
Unit 8	95.99	495	5.282	VIPL(All Units)	0		0
Unit 9	343.14	498	18.107	RPL AMT(All Units)	824.71		64.28
Total	1406.08		111.101	SWPGL(All Units)	227.52		22.42
Paras				Other	546.31		0.17
Unit 3	147.34	258	14.503	Total	3387.55		203.219
Unit 4	158.46	256	15.662				
Total	305.80		30.165				
Khaperkheda				Solar			
Unit 1	98.88	165	11.637	Total	192.8		
Unit 2	109.60	185	11.091	Total	192.8		
Unit 3	122.43	205	11.084	TATA			
Unit 4	120.26	203	10.733	Trombay 5	222.04	475	22.194
Unit 5	8.74	400	2.390	Trombay 6	0.00	0	
Total	459.91		46.935	Trombay 8	117.33	240	
Nashik				Trombay 7A	52.63	117	2.917
Unit 3	0.00	0	0.12	Trombay 7B	33.37	68	
Unit 4	103.28	200	11.43	TATA Hydro	126.08	435	
Unit 5	0.00	0	0.05	Total	551.45		26.971
Total	103.28		11.5970	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	297.96	502	28.793
All Uran	187.09	316	4.772	Total	297.96		28.793
Total	187.09		4.772	Central Sector Receipt Including Bilateral	4721.06	Total aux.consumption	647.455
PGPL				Total Thermal+Gas (T+G)	8812.54	Excluding Pench	
Unit 1	0.00	0		Mah. Wind injection (W)	209.28		
Unit 2	0.00	0		Mah.Solar injection (S)	192.8		
Total				Hydro (H)	493.23		
Pench(MS)	8.76	28		Total (T+G+H+W+S)	9707.85		
Total	8.76			Restricted Energy Requirement (Gross) Mus	14428.913		

Monthly Report for January 2021

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	8539.450
Total Hydro Generation	493.230
Total Gas Generation	273.090
Total Solar Generation	192.800
Total Wind Generation	209.280
Total State Generation	9707.850
InterState Exchanges	
GEB	24.108
MPEB	287.337
CHATTISGARH	191.210
GOA	-32.119
MAHARASHTRA NET	4250.527
Net InterState Exchanges	4721.063
Restricted Energy Requirement(Gross)	14428.913
Restricted Energy Requirement(Ex-Bus)	13781.458
Bilateral Power Purchases	
IMPORT	342.352
EXPORT	-13.762
PX	230.028
INTRA	583.557
Total Bilateral Purchase by MSEDCL	1142.175
IMPORT	132.701
EXPORT	0.31
STANDBY FROM MSEDCL	8.309
PX	264.015
INTRA	176.677
Total Bilateral Purchase by Mumbai	582.012
Total Auxiliary Consumption	647.455
MSPGCL Total	388.47
Thermal	380.947
Hydro	2.754
Gas	4.772
TPCL Total	26.971
Thermal	22.194
Hydro	1.860
Gas	2.917
AEML Dahanu	28.793

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	24007	12	14-Jan-21	50.06
Unrestricted Demand(Ex-Bus)	23256	12	14-Jan-21	50.06
Catered Demand(Gross)	24007	12	14-Jan-21	50.06
Catered Demand(Ex-Bus)	23256	12	14-Jan-21	50.06

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of -50.522 MW)	Catered Demand	Load Shedding	Stag. Effect
24007	24058	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			12811
Hydro+Wind+Solar Generation During the Peak			2733

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	24058	12	14-Jan-21	50.06
Minimum Demand	14975	3	8-Jan-21	49.91
Koyna Lake Level in Ft.				
31-Jan-2021			31-Jan-2020	
2144.8			2143.5	