

 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 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	108.95	190	12.44	Koyna			
Unit 7	0	0	0.00	Stage 1-2	68.65	540	0.87
Unit 8	353.27	662	22.29	Stage 3	21.59	274	
Unit 9	237.4	660	17.84	Stage 4	25.99	750	
Unit 10	400.26	645	27.25	Total	116.23		
Total	1099.88		79.820				
Bhusawal				Small Hydro			
Unit 3	72.5	180	10.38	KDPH	0		0.9500
Unit 4	266.85	470	18.1	VTRNA	0.06	27	
Unit 5	270.55	500	16.47	TILLARI	10.94	58	
Total	609.90		44.950	BHTGR/VEER	0.00		
Parali				BHIRA T.R	8.19	80	
Unit 4	0.00	0	0.00	RNGR+BHTSA	0		
Unit 5	0.00	0	0.00	BHANDARDARA	0.00		
Unit 6	74.02	250	10.35	ELDARY	0.00		
Unit 7	55.71	250	7.65	SMLHY_PTN and small hydro	107.48	233	
Unit 8	107.47	220	11.97	GHATGHAR	0	0	
Total	237.20		29.970	Total	126.67		
Chandrapur				Wind			
Unit 3	78.32	182	9.000	Total	255.18		
Unit 4	98.89	175	9.510	Total	255.18		
Unit 5	185.94	400	21.610	IPP/CPP			
Unit 6	245.42	450	19.160	APML(All Units)	1938.71		103.000
Unit 7	237.19	412	26.530	JSWEL(All Units)	415.94		35.032
Unit 8	237.33	460	12.430	VIPL(All Units)	0		0
Unit 9	290.27	471	15.860	RPL AMT(All Units)	812.6		60.25
Total	1373.36		114.100	SWPGL(All Units)	227.4		
Paras				Other	1173.94		
Unit 3	133.36	252	14.050	Total	4568.59		198.282
Unit 4	135.01	252	15.360				
Total	268.37		29.410				
Khaperkheda				Solar			
Unit 1	35.10	165	5.370	Total	185.42		
Unit 2	25.46	170	3.220	Total	185.42		
Unit 3	49.75	194	5.520	TATA			
Unit 4	32.34	168	4.260	Trombay 5	215.68	474	16.677
Unit 5	295.56	500	16.330	Trombay 6	0.00	0	
Total	438.21		34.700	Trombay 8	22.05	221	
Nashik				Trombay 7A	54.12	118	3.137
Unit 3	53.64	199	6.68	Trombay 7B	37.55	68	
Unit 4	44.19	195	5.56	TATA Hydro	137.99	449	
Unit 5	100.73	192	12.01	Total	467.39		22.135
Total	198.56		24.2500	AEML (R-INFRA)			
Uran				Adani DTSP 1-2	297.28	502	29.085
All Uran	150.8	260	3.42	Total	297.28	489	29.085
Total	150.8		3.420	Central Sector Receipt Including Bilateral	4169.04	Total aux.consumption	611.944
PGPL				Total Thermal+Gas (T+G)	9571.55		
Unit 1	0.00	0		Mah. Wind injection (W)	255.18		
Unit 2	0.00	0		Mah.Solar injection (S)	185.42		
Total				Hydro (H)	380.89		
Pench(MS)	9.03	71		Total (T+G+H+W+S)	10393.04		
Total	9.03			Restricted Energy Requirement (Gross) Mus	14562.080		

Monthly Report for December 2021

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	9329.080
Total Hydro Generation	380.890
Total Gas Generation	242.470
Total Solar Generation	185.420
Total Wind Generation	255.180
Total State Generation	10393.040
InterState Exchanges	
GEB	-237.498
MPEB	56.429
CHATTISGARH	181.730
GOA	-49.940
MAHARASHTRA NET	4218.315
Net InterState Exchanges	4169.036
Restricted Energy Requirement(Gross)	14562.076
Restricted Energy Requirement(Ex-Bus)	13950.132
Bilateral Power Purchases	
IMPORT	0.353
EXPORT	-0.018
PX	0.013
INTRA	1.174
Total Bilateral Purchase by MSEDCL	1.773
IMPORT	0.247
EXPORT	0
STANDBY FROM MSEDCL	0
PX	0.388
INTRA	0.107
Total Bilateral Purchase by Mumbai	0.742
Total Auxiliary Consumption	611.944
MSPGCL Total	362.44
Thermal	357.200
Hydro	1.822
Gas	3.420
TPCL Total	22.135
Thermal	16.677
Hydro	2.321
Gas	3.137
AEML Dahanu	29.085

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	24429	12	28-Dec-21	49.99
Unrestricted Demand(Ex-Bus)	23781	12	28-Dec-21	49.99
Catered Demand(Gross)	24429	12	28-Dec-21	49.99
Catered Demand(Ex-Bus)	23781	12	28-Dec-21	49.99

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of 8.547 MW)	Catered Demand	Load Shedding	Stag. Effect
24429	24420	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			13504
Hydro+Wind+Solar Generation During the Peak			2770

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	24420	12	28-Dec-21	49.99
Minimum Demand	14584	3	2-Dec-21	49.97
Koyna Lake Level in Ft.				
31-Dec-2021	31-Dec-2020			
2151	2152.6			