

 MAHA TRANSCO 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-2024							
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	124.61	183	14.26	Koyna			
Unit 8	416.48	623	26.22	Stage 1-2	76.48	575	0.57
Unit 9	298.65	615	20.58	Stage 4	59.25	1011	0.44
Unit 10	403.18	620	26.34	Stage 3	29.69	320	0.22
Total	1242.92		87.400	Total	165.42		1.241
Bhusawal				Small Hydro			
Unit 3	103.9	185	13.32	KDPH	11.15	36	0.0836
Unit 4	250.66	500	18.33	VTRNA	0.00	0	0.0000
Unit 5	226.46	500	16.77	TILLARI	14.26	63	0.1070
Total	581.02		48.420	BHIRA T.R	5.28	40	0.0396
Parali				SMLHY_PTN and small hydro	60.86	119	0.4565
Unit 6	123.90	250	14.30	GHATGHAR	11.51	125	0.0863
Unit 7	120.30	248	13.19	Total	103.06		0.773
Unit 8	124.78	244	15.30				
Total	368.98		42.790				
Chandrapur				Wind	298.510		
Unit 3	113.11	190	12.30				
Unit 4	94.46	160	10.72				
Unit 5	195.88	410	20.17	IPP/CPP			
Unit 6	109.37	425	10.92	APML(All Units)	1712.91		92.505
Unit 7	143.81	486	16.82	JSWEL(All Units)	660.22		55.053
Unit 8	250.58	440	14.32	VIPL(All Units)	0		
Unit 9	288.96	500	14.62	RPL AMT(All Units)	768.65		54.270
Total	1196.17		99.870	SWPGL(All Units)	286.54		27.010
Paras				IEPL	175.36	271	13.889
Unit 3	102.17	252	11.470	Others	1050.38		84.030
Unit 4	144.78	258	15.450	JPL	64.57	154	7.190
Total	246.95		26.920	Total	4718.63		333.947
Khaperkheda				Solar	554		
Unit 1	117.17	190	11.630				
Unit 2	125.51	201	12.020				
Unit 3	0.22	74	1.070	TATA			
Unit 4	101.76	187	10.980	Trombay 5	0		8.691
Unit 5	331.18	485	20.170	Trombay 6	0.00		
Total	675.84		55.870	Trombay 8	116.79	231	
Nashik				Trombay 7A	80.47	116	3.222
Unit 3	85.60	170	12.57	Trombay 7B	47.73	67	
Unit 4	98.48	186	12.09	TATA Hydro	110.21	442	1.798
Unit 5	93.46	185	12.40	Total	355.20		13.711
Total	277.54		37.0600	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	240.69		26.143
All Uran	214.23	476	5.65	Total	240.69		26.143
Total	214.23		5.650	Central Sector Receipt Including Bilateral	6435.90	Total aux.consumption	779.795
PGPL				Total Thermal+Gas (T+G)	10007.96		
Unit 1	0.00	0		Mah. Wind injection (W)	298.51		
Unit 2	0.00	0		Mah.Solar injection (S)	554		
Total	0.00		0.00	Hydro (H)	378.69		
Pench(MS)		140		Total (T+G+H+W+S)	11239.16		
Total	0.00			Restricted Energy Requirement (Gross Mus	17675.060		

Monthly Report for December-2024				
Particulars		Generation/Requirement (Mus)		
Total Thermal Generation		9665.530		
Total Hydro Generation		378.690		
Total Gas Generation		342.430		
Total Solar Generation		554.000		
Total Wind Generation		298.510		
Total State Generation		11239.160		
InterState Exchanges				
GEB		-29.605		
MPEB		122.829		
CHATTISGARH		195.544		
GOA		-77.724		
MAHARASHTRA NET		6224.861		
Net InterState Exchanges		6435.905		
Restricted Energy Requirement(Gross)		17675.065		
Restricted Energy Requirement(Ex-Bus)		16895.270		
Bilateral Power Purchases				
IMPORT		714.967		
EXPORT		-22.770		
PX / IEX / REMC/STANDBY		1654.994		
INTRA		813.490		
Total Bilateral Purchase by MSEDCL+Other Discoms		3160.681		
IMPORT		439.164		
EXPORT		0		
STANDBY FROM MSEDCL		2.911		
PX / IEX / REMC		435.521		
INTRA		218.428		
Total Bilateral Purchase by Mumbai		1096.024		
Total Auxiliary Consumption		779.795		
MSPGCL Total		404.64		
Thermal		398.330		
Hydro		0.657		
Gas		5.650		
TPCL Total		13.711		
Thermal		8.691		
Hydro		1.798		
Gas		3.222		
AEML Dahanu		26.143		
MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH				
Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	28592	11	24-Dec-24	50.04
Unrestricted Demand(Ex-Bus)	27844	11	24-Dec-24	50.04
Catered Demand(Gross)	28592	11	24-Dec-24	50.04
Catered Demand(Ex-Bus)	27844	11	24-Dec-24	50.04
Breakup of Unrestricted Demand in (MW)				
Unrestricted Demand (Including frequency correction of -40.085MW)		Catered Demand	Load Shedding	Stag. Effect
28592		28632	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)				
Thermal+Gas+IPP Generation During the Peak				14203
Hydro+Wind+Solar Generation During the Peak				4070
State Wise Demand & Koyna Lake Level During the month				
Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	28632	11	24-Dec-24	50.04
Minimum Demand	18904	4	16-Dec-24	49.96
Koyna Lake Level in Ft.				
31-Dec-2024		31-Dec-2023		
2155.5		2141.3		