

 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-2023							
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	90.90	190	11.87	Koyna			
Unit 8	343.61	629	22.78	Stage 1-2	48.24	550	0.55
Unit 9	397.26	625	28.04	Stage 4	11.12	742	
Unit 10	402.16	612	27.97	Stage 3	13.89	240	
Total	1233.93		90.660	Total	73.25		
Bhusawal				Small Hydro			
Unit 3	92.76	185	11.87	KDPH	12.28	36	0.7803
Unit 4	256.51	500	18.14	VTRNA	0.00		
Unit 5	270.83	500	17.13	TILLARI	0		
Total	620.10		47.140	BHTGR/VEER	0.00		
Parali				BHIRA T.R	0.00		
				RNGR+BHTSA	0		
				BHANDARDARA	0.00		
Unit 6	80.22	250	11.07	ELDARY	0.00		
Unit 7	81.25	248	10.39	SMLHY_PTN and small hydro	74.67	125	
Unit 8	79.36	250	10.10	GHATGHAR	17.09	250	
Total	240.83		31.560	Total	104.04		
Chandrapur				Wind			
Unit 3	92.13	165	10.00	Total	315.764		
Unit 4	86.35	157	9.30	Total	315.764		
Unit 5	244.95	490	22.71	IPP/CPP			
Unit 6	171.68	375	17.69	APML(All Units)	1550.85		80.770
Unit 7	164.59	334	23.56	JSWEL(All Units)	731.94		57.571
Unit 8	288.78	498	16.04	VIPL(All Units)	0		0.000
Unit 9	258.62	485	18.06	RPL AMT(All Units)	795.71		57.470
Total	1307.10		117.360	SWPGL(All Units)	328.53		30.230
Paras				IEPL	158.01	273	
Unit 3	144.75	244	15.120	Others	1099.78		
Unit 4	165.32	255	16.670	JPL	25.76	144	2.91
Total	310.07		31.790	Total	4690.58		228.951
Khaperkheda				Solar			
Unit 1	102.98	190	11.160	Total	400.41		
Unit 2	78.31	129	9.820	Total	400.41		
Unit 3	113.19	183	10.510	TATA			
Unit 4	109.61	194	10.400	Trombay 5	242.62	457	25.506
Unit 5	295.18	480	19.060	Trombay 8	121.77	243	
Total	699.27		60.950	Trombay 7A	25.91	108	2.187
Nashik				Trombay 7B	20.10	65	
Unit 3	76.65	170	4.42	Trombay 6	0.00	0	
Unit 4	18.09	191	11.32	TATA Hydro	106.51	435	1.911
Unit 5	81.94	171	10.54	Total	516.91		29.604
Total	176.68		26.2800	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	225.53	502	24.725
All Uran	201.4	310	5.36	Total	225.53		24.725
Total	201.4		5.360	Central Sector Receipt Including Bilateral	5348.23	Total aux.consumption	693.523
PGPL				Total Thermal+Gas (T+G)	10115.89		
Unit 1	0.00	0		Mah. Wind injection (W)	315.76		
Unit 2	0.00	0		Mah.Solar injection (S)	400.41		
Total	0.00		0.00	Hydro (H)	290.30		
Pench(MS)	6.50	54		Total (T+G+H+W+S)	11122.36		
Total	6.50			Restricted Energy Requirement (Gross) Mus	16470.594		

Monthly Report for December-2023

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	9772.620
Total Hydro Generation	290.300
Total Gas Generation	221.500
Total Solar Generation	400.410
Total Wind Generation	315.764
Total State Generation	11000.594
InterState Exchanges	
GEB	-70.220
MPEB	105.721
CHATTISGARH	211.650
GOA	-44.681
MAHARASHTRA NET	5145.757
Net InterState Exchanges	5348.227
Restricted Energy Requirement(Gross)	16348.821
Restricted Energy Requirement(Ex-Bus)	15655.298
Bilateral Power Purchases	
IMPORT	716.883
EXPORT	-20.535
PX / IEX / REMC/STANDBY	1092.128
INTRA	697.801
Total Bilateral Purchase by MSEDCL+Other Discoms	2486.277
IMPORT	742.308
EXPORT	-73.002
STANDBY FROM MSEDCL	0.022
PX / IEX / REMC	234.794
INTRA	95.698
Total Bilateral Purchase by Mumbai	999.82
Total Auxiliary Consumption	693.523
MSPGCL Total	412.43
Thermal	405.740
Hydro	1.330
Gas	5.360
TPCL Total	27.417
Thermal	25.506
Hydro	1.911
Gas	0.000
AEML Dahanu	24.725

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	27736	11	27-Dec-23	50.02
Unrestricted Demand(Ex-Bus)	26940	11	27-Dec-23	50.02
Catered Demand(Gross)	27736	11	27-Dec-23	50.02
Catered Demand(Ex-Bus)	26940	11	27-Dec-23	50.02

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of -19.429 MW)	Catered Demand	Load Shedding	Stag. Effect
27736	27755	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			16298
Hydro+Wind+Solar Generation During the Peak			3229

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	27755	11	27-Dec-23	50.02
Minimum Demand	17247	4	01-Dec-23	49.98
Koyna Lake Level in Ft.				
31-21-2023			31-Dec-2022	
2141.3			2149.6	