

 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 February-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	125.51		6.60	Koyna			
Unit 8	423.53		11.78	Stage 1-2	48.33		0.60
Unit 9	379.14		12.85	Stage 4	17.02		
Unit 10	391.46		9.14	Stage 3	15.21		
Total	1319.64		40.371	Total	80.56		
Bhusawal				Small Hydro			
Unit 3	100.52		5.91	KDPH	25.06		0.9559
Unit 4	214.65		8.099	VTRNA	7.18		
Unit 5	267.68		7.804	TILLARI	8.46		
Total	582.85		21.812	BHTGR/VEER	0.00		
Parali				BHIRA T.R	0.00		
				RNGR+BHTSA	0		
				BHANDARDARA	0.00		
Unit 6	118.88		7.06	ELDARY	0.00		
Unit 7	117.23		6.78	SMLHY_PTN and small hydro	73.85		
Unit 8	118.29		6.60	GHATGHAR	12.9		
Total	354.40		20.440	Total	127.45		
Chandrapur				Wind			
Unit 3	95.58		5.78	Total	263.270		
Unit 4	90.93		4.75	Total	263.270		
Unit 5	244.01		6.66	IPP/CPP			
Unit 6	120.95		9.87	APML(All Units)	1858.29		98.440
Unit 7	221.06		12.38	JSWEL(All Units)	734.2		58.590
Unit 8	275.64		7.54	VIPL(All Units)	0		
Unit 9	313.80		8.64	RPL AMT(All Units)	911.84		61.810
Total	1361.97		55.620	SWPGL(All Units)	357.41		32.190
Paras				IEPL	146.34		
Unit 3	159.66		7.221	Others	1146.86		
Unit 4	167.35		7.365	JPL	81.92		8.310
Total	327.01		14.587	Total	5236.86		259.340
Khaperkheda				Solar			
Unit 1	113.48		4.993	Total	462.28		
Unit 2	66.84		4.975	Total	462.28		
Unit 3	102.29		4.493	TATA			
Unit 4	110.65		4.844	Trombay 5	224.19		19.192
Unit 5	324.26		8.993	Trombay 8	44.28		
Total	717.52		28.299	Trombay 7A	58.20		3.502
Nashik				Trombay 7B	38.41		
Unit 3	0.00		0.81	Trombay 6	0.00		
Unit 4	105.03		12.44	TATA Hydro	95.7		1.839
Unit 5	81.95		10.36	Total	460.78		24.53
Total	186.98		23.6120	AEML (R-INFRA)			
Uran				Adani DTPS 1-2	282.11		26.627
All Uran	197.64		5.262	Total	282.11		26.627
Total	197.64		5.262	Central Sector Receipt Including Bilateral	5205.44	Total aux.consumption	518.560
PGPL				Total Thermal+Gas (T+G)	10932.06		
Unit 1	0.00	0		Mah. Wind injection (W)	263.27		
Unit 2	0.00	0		Mah.Solar injection (S)	462.28		
Total	0.00		0.00	Hydro (H)	305.96		
Pench(MS)	2.25			Total (T+G+H+W+S)	11963.57		
Total	2.25			Restricted Energy Requirement (Gross) Mus	17169.012		

Monthly Report for February-2024

Particulars	Generation/Requirement (Mus)
Total Thermal Generation	10651.730
Total Hydro Generation	305.960
Total Gas Generation	236.050
Total Solar Generation	462.280
Total Wind Generation	263.270
Total State Generation	11919.290
InterState Exchanges	
GEB	16.416
MPEB	169.966
CHATTISGARH	110.140
GOA	-51.746
MAHARASHTRA NET	4960.666
Net InterState Exchanges	5205.442
Restricted Energy Requirement(Gross)	17124.732
Restricted Energy Requirement(Ex-Bus)	16606.172
Bilateral Power Purchases	
IMPORT	1074.042
EXPORT	-20.670
PX / IEX / REMC/STANDBY	904.396
INTRA	763.873
Total Bilateral Purchase by MSEDCL+Other Discoms	2721.641
IMPORT	588.087
EXPORT	-68.295
STANDBY FROM MSEDCL	0.003
PX / IEX / REMC	241.58
INTRA	81.741
Total Bilateral Purchase by Mumbai	843.116
Total Auxiliary Consumption	518.560
MSPGCL Total	211.56
Thermal	204.740
Hydro	1.560
Gas	5.262
TPCL Total	21.031
Thermal	19.192
Hydro	1.839
Gas	0.000
AEML Dahanu	26.627

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	28928	11	07-Feb-24	50.04
Unrestricted Demand(Ex-Bus)	28120	11	07-Feb-24	50.04
Catered Demand(Gross)	28928	11	07-Feb-24	50.04
Catered Demand(Ex-Bus)	28120	11	07-Feb-24	50.04

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand (Including frequency correction of -40.557 MW)	Catered Demand	Load Shedding	Stag. Effect
28928	28969	0	0
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			16629
Hydro+Wind+Solar Generation During the Peak			2923

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
Maximum Demand	28969	11	7-Feb-24	50.04
Minimum Demand	20701	3	03-Feb-24	50.01
Koyna Lake Level in Ft.				
29-Feb-2024			28-Feb-2023	
2123.7			2128.3	