



**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

Fax No. : 011-26170385, 011-26107416, 011-26108834, 28370193

**Monthly Generation Report for July-2023**

Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption	Power Station/Unit	Monthly Gen (Mus)	Max Gen (MW)	Auxiliary consumption
<b>Koradi</b>				<b>Pench(MS)</b>			
Unit 6	108.33	190	13.19	<b>Koyna</b>			
Unit 8	321.15	615	23.17	Stage 1-2	56.26	535	0.76
Unit 9	361.60	625	25.15	Stage 3	34.09	669	
Unit 10	111.14	535	10.63	Stage 4	10.62	240	
<b>Total</b>	<b>902.22</b>		<b>72.140</b>	<b>Total</b>	<b>100.97</b>		
<b>Bhusawal</b>				<b>Small Hydro</b>			
Unit 3	88.32	155	12.75	KDPH	4.52	36	0.9074
Unit 4	286.1	490	18.84	VTRNA	0.64	60	
Unit 5	296.55	495	19.42	TILLARI	1.16	58	
<b>Total</b>	<b>670.97</b>		<b>51.010</b>	BHTGR/VEER	0.00		
<b>Parali</b>				BHIRA T.R	13.61	80	
				RNGR+BHTSA	0		
				BHANDARDARA	0.00		
Unit 6	40.92	246	6.17	ELDARY	0.00		
Unit 7	58.73	241	7.65	SMLHY_PTIN and small hydro	94.25	527	
Unit 8	40.95	199	7.22	GHATGHAR	6.81	125	
<b>Total</b>	<b>140.60</b>		<b>21.040</b>	<b>Total</b>	<b>120.99</b>		
<b>Chandrapur</b>				<b>Wind</b>			
Unit 3	62.34	160	9.120	Total	1452.39	3123	
Unit 4	63.76	157	8.360	<b>Total</b>	<b>1452.39</b>		
Unit 5	0.00	0	0.600	<b>IPP/CPP</b>			
Unit 6	191.81	390	21.960	APML(All Units)	1637.44	95.760	
Unit 7	226.01	410	28.250	JSWEL(All Units)	606.2		
Unit 8	297.90	485	16.080	VIPL(All Units)	0		
Unit 9	309.85	500	19.720	RPL AMT(All Units)	733.92	54.980	
<b>Total</b>	<b>1151.67</b>		<b>104.090</b>	SWPGL(All Units)	250.7	26.290	
<b>Paras</b>				<b>Solar</b>			
Unit 3	110.86	232	13.320	Dhariwal	0		
Unit 4	129.84	226	14.830	IEPL	154.21	271	
<b>Total</b>	<b>240.70</b>		<b>28.150</b>	Other	39.31		
<b>Khaperkheda</b>				<b>Total</b>			
Unit 1	2.60	125	1.610	Total	293.03	1677	
Unit 2	81.92	136	11.780	<b>Total</b>	<b>293.03</b>		
Unit 3	116.08	184	10.700	<b>TATA</b>			
Unit 4	113.57	200	10.960	Trombay 5	156.08	462	
Unit 5	257.09	490	17.860	Trombay 6	0.00	0	
<b>Total</b>	<b>571.26</b>		<b>52.910</b>	Trombay 8	115.30	226	
<b>Nashik</b>				<b>Trombay 7A</b>			
Unit 3	97.48	183	11.97	Trombay 7A	56.84	109	
Unit 4	64.84	181	8.26	Trombay 7B	37.55	65	
Unit 5	49.29	167	6.74	TATA Hydro	145.26	444	
<b>Total</b>	<b>211.61</b>		<b>26.9700</b>	<b>Total</b>	<b>511.03</b>	<b>27.339</b>	
<b>Uran</b>				<b>AEML (R-INFRA)</b>			
All Uran	1.44	181	0.66	Adani DTPS 1-2	271.32	502	
<b>Total</b>	<b>1.44</b>		<b>0.660</b>	<b>Total</b>	<b>271.32</b>	<b>28.926</b>	
<b>PGPL</b>				<b>Total Thermal+Gas ( T+G)</b>			
Unit 1	0.00	0		Mah. Wind injection (W)	1452.39		
Unit 2	0.00	0		Mah.Solar injection (S)	293.03		
<b>Total</b>				Hydro ( H)	374.52		
<b>Pench(MS)</b>	7.30	54		<b>Total (T+G+H+W+S)</b>	<b>10069.28</b>		
<b>Total</b>	<b>7.30</b>			Restricted Energy Requirement (Gross) Mus	15274.010		
<b>Total</b>					<b>5204.73</b>	<b>Total aux.consumption</b>	<b>591.930</b>

**Monthly Report for July-2023**

Particulars	Generation/Requirement ( Mus)
Total Thermal Generation	7853.510
Total Hydro Generation	374.520
Total Gas Generation	95.830
Total Solar Generation	293.030
Total Wind Generation	1452.390
<b>Total State Generation</b>	<b>10069.280</b>
<b>InterState Exchanges</b>	
GEB	87.527
MPEB	106.022
CHATTISGARH	66.170
GOA	-32.986
MAHARASHTRA NET	4977.995
<b>Net InterState Exchanges</b>	<b>5204.728</b>
<b>Restricted Energy Requirement(Gross)</b>	<b>15274.008</b>
<b>Restricted Energy Requirement(Ex-Bus)</b>	<b>14682.078</b>
<b>Bilateral Power Purchases</b>	
IMPORT	748.749
EXPORT	-178.278
PX / IEX / REMC/STANDBY	1768.350
INTRA	676.766
<b>Total Bilateral Purchase by MSEDCL+Other Discoms</b>	<b>3015.587</b>
IMPORT	663.665
EXPORT	-32.747
STANDBY FROM MSEDCL	0.859
PX / IEX / REMC	344.196
INTRA	72.181
<b>Total Bilateral Purchase by Mumbai</b>	<b>1048.154</b>
<b>Total Auxiliary Consumption</b>	<b>591.930</b>
<b>MSPGCL Total</b>	<b>358.63</b>
Thermal	356.310
Hydro	1.665
Gas	0.660
<b>TPCL Total</b>	<b>27.339</b>
Thermal	20.092
Hydro	4.048
Gas	3.199
<b>AEML Dahanu</b>	<b>28.926</b>

**MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH**

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
<b>Unrestricted Demand(Gross)</b>	<b>24544</b>	12	04-Jul-23	49.99
<b>Unrestricted Demand(Ex-Bus)</b>	<b>23830</b>	12	04-Jul-23	49.99
<b>Catered Demand(Gross)</b>	<b>24544</b>	12	04-Jul-23	49.99
<b>Catered Demand(Ex-Bus)</b>	<b>23830</b>	12	04-Jul-23	49.99

**Breakup of Unrestricted Demand in (MW)**

Unrestricted Demand (Including frequency correction of 8.587 MW)	Catered Demand	Load Shedding	Stag. Effect
<b>24544</b>	<b>24535</b>	<b>0</b>	<b>0</b>
Thermal+Gas+IPP & Hydro+Wind Generation During the Peak (MW)			
Thermal+Gas+IPP Generation During the Peak			12151
Hydro+Wind+Solar Generation During the Peak			2992

**StateWise Demand & Koyna Lake Level During the month**

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency(Hz)
<b>Maximum Demand</b>	<b>24535</b>	12	4-Jul-23	49.99
<b>Minimum Demand</b>	<b>16605</b>	3	29-Jul-23	49.99
<b>Koyna Lake Level in Ft.</b>				
<b>30-Jul-2023</b>				<b>30-Jul-2022</b>
<b>2134.3</b>				<b>2124.3</b>