

Global electricity generation by source:

Complete data (2023-2024)

Source	Generation (TWh)	Share (%)	YOY change (%)	Trend
Coal	10,434	34.5	-1.2	Declining
Natural gas	6,748	22.3	+1.8	Stable
Hydropower	4,306	14.2	+3.1	Stable
Nuclear	2,739	9.1	+2.5	Growing
Wind	2,497	8.3	+12.8	Surging
Solar PV	2,131	7.0	+24.1	Surging
Oil	694	2.3	-2.4	Declining
Bioenergy	482	1.6	+3.8	Growing
Geothermal	102	0.3	+2.1	Growing

World total: 30,253 TWh | 100% | +2.6%

Note: TWh: TetraWatt per hour, YOY: Year on Year
Source: IEA, Ember Climate. 2024 estimates based on latest available data