

Table E2.gen. Electricity generation: Americas, High Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	158	159	75	34	16	6	6	-10.9%
Natural gas	2,260	2,024	1,954	1,909	2,025	2,122	2,208	-0.1%
Coal	934	864	510	542	582	576	547	-1.9%
Nuclear	889	891	890	843	757	733	717	-0.8%
Renewables	2,493	2,926	3,937	4,553	5,054	5,607	6,228	3.3%
Hydro	1,472	1,551	1,655	1,725	1,728	1,735	1,738	0.6%
Wind	611	719	1,189	1,429	1,614	1,844	2,048	4.4%
Geothermal	25	21	38	41	46	50	54	2.7%
Solar	260	529	957	1,268	1,582	1,900	2,318	8.1%
Other	124	106	99	90	84	78	70	-2.1%
Net generation to grid	6,734	6,864	7,366	7,880	8,434	9,044	9,707	1.3%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hm_230821.151836 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

Note: Totals may not equal sum of components due to independent rounding. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.