

Table E3.gen. Electricity generation: United States, Low Economic Growth case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	11	10	7	7	6	4	4	-3.4%
Natural gas	1,686	1,377	1,094	932	1,011	1,021	1,071	-1.6%
Coal	849	754	306	290	256	224	209	-4.9%
Nuclear	772	782	758	681	594	594	583	-1.0%
Renewables	1,003	1,363	2,277	2,702	2,907	3,128	3,343	4.4%
Hydro	276	300	295	289	287	285	274	0.0%
Wind	440	513	997	1,168	1,217	1,263	1,276	3.9%
Geothermal	16	17	20	23	26	30	34	2.9%
Solar	205	467	900	1,160	1,320	1,494	1,709	7.9%
Other	67	67	65	63	58	55	50	-1.0%
Net generation to grid	4,321	4,286	4,442	4,612	4,774	4,971	5,210	0.7%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Im_230821.151939 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.