

Table E3.gen. Electricity generation: United States, High Oil Price case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	11	10	7	7	7	5	5	-3.1%
Natural gas	1,686	1,497	1,546	1,463	1,431	1,375	1,396	-0.7%
Coal	849	718	221	288	278	267	224	-4.7%
Nuclear	772	782	766	696	613	594	592	-0.9%
Renewables	1,003	1,365	2,119	2,461	2,823	3,166	3,477	4.5%
Hydro	276	300	299	294	289	284	284	0.1%
Wind	440	512	896	969	1,004	1,057	1,146	3.5%
Geothermal	16	17	19	21	25	30	34	2.8%
Solar	205	468	836	1,106	1,439	1,738	1,962	8.4%
Other	67	68	70	71	66	58	51	-0.9%
Net generation to grid	4,321	4,373	4,659	4,916	5,152	5,407	5,692	1.0%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp_230822.081357 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.