International Energy Outlook 2023

Release date: October 2023

Table E7.gen. Electricity generation: Other Americas, Low Zero-carbon Technology Cost case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	73	74	34	13	4	0	0	-18.4%
Natural gas	205	208	223	233	233	233	233	0.4%
Coal	25	25	42	73	92	92	92	4.8%
Nuclear	12	13	18	18	21	22	23	2.3%
Renewables	419	432	490	533	588	666	750	2.1%
Hydro	354	361	395	417	425	425	425	0.7%
Wind	34	43	58	69	94	124	125	4.8%
Geothermal	5	4	9	9	9	9	9	2.5%
Solar	16	17	24	35	58	106	188	9.2%
Other	10	6	4	3	1	2	2	-5.3%
Net generation to grid	734	752	808	870	938	1,013	1,098	1.4%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lz_230821.151531

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.