

Table E6.gen. Electricity generation: Brazil, High Zero-carbon Technology Cost case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	23	23	9	1	0	0	0	-15.6%
Natural gas	97	110	110	89	73	69	66	-1.4%
Coal	13	13	9	9	13	9	9	-1.3%
Nuclear	14	14	23	23	23	18	18	0.9%
Renewables	531	561	588	660	692	728	758	1.3%
Hydro	410	430	462	536	539	539	539	1.0%
Wind	62	83	85	90	131	165	195	4.2%
Geothermal	0	0	0	0	0	0	0	0.0%
Solar	21	21	22	22	22	22	22	0.1%
Other	38	26	19	12	0	1	2	-9.5%
Net generation to grid	678	721	739	782	801	824	852	0.8%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hz_230821.151430

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.