

Table E6.gen. Electricity generation: Brazil, Low 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	-15.7%
Natural gas	97	110	110	89	73	64	61	-1.7%
Coal	13	13	9	9	13	9	9	-1.3%
Nuclear	14	14	23	23	23	23	18	0.9%
Renewables	531	561	589	661	695	733	770	1.3%
Hydro	410	430	463	535	539	539	539	1.0%
Wind	62	83	85	93	133	171	207	4.4%
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	1	2	2	-9.4%
Net generation to grid	678	721	740	784	804	829	858	0.8%

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.