

Table E18.gen. Electricity generation: Brazil, Reference case

billion kilowatthours

Fuel	2020	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2020–2050
Liquid fuels	12	12	3	0	0	0	0	-14.7
Natural gas	56	61	61	46	36	28	28	-2.3
Coal	12	8	5	6	0	4	4	-3.7
Nuclear	14	14	23	23	23	18	18	0.9
Renewables	495	550	601	668	732	770	804	1.6
Hydro	389	410	411	413	418	428	448	0.5
Wind	56	81	122	181	235	259	270	5.4
Geothermal	0	0	0	0	0	0	0	0.0
Solar	3	7	8	9	10	11	11	4.9
Other	48	53	59	65	69	72	75	1.5
Net generation to grid	589	645	693	744	792	819	854	1.2

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r_210719.163829.

Notes:

* Totals may not equal sum of components due to independent rounding.

* *Net generation to grid* represents gross generation less losses from thermal efficiency and parasitic load.