

Table E7.cap. Electricity installed generating capacity: Other Americas, Low Zero-carbon Technology Cost case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Liquid fuels | 35 | 35 | 16 | 6 | 2 | 0 | 0 | -20.2% |
| Natural gas | 84 | 85 | 85 | 88 | 88 | 88 | 88 | 0.2% |
| Coal | 6 | 6 | 6 | 10 | 13 | 13 | 13 | 2.9% |
| Nuclear | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2.3% |
| Renewables | 103 | 111 | 117 | 128 | 146 | 173 | 208 | 2.5% |
| Hydro | 75 | 79 | 81 | 85 | 86 | 86 | 86 | 0.5% |
| Wind | 12 | 15 | 16 | 19 | 25 | 32 | 32 | 3.7% |
| Geothermal | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2.0% |
| Solar | 10 | 11 | 13 | 18 | 27 | 48 | 83 | 7.9% |
| Other | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 0.1% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Pumped hydro | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.0% |
| Total capacity | 230 | 240 | 227 | 236 | 252 | 277 | 313 | 1.1% |

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.