

Table E2.gen. Electricity generation: Americas, Low Oil Price case

billion kilowatthours

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| Liquid fuels | 158 | 159 | 74 | 34 | 16 | 6 | 6 | -11.3% |
| Natural gas | 2,261 | 1,933 | 1,642 | 1,639 | 1,731 | 1,815 | 1,903 | -0.6% |
| Coal | 934 | 890 | 467 | 499 | 513 | 540 | 521 | -2.1% |
| Nuclear | 889 | 891 | 903 | 842 | 779 | 730 | 719 | -0.8% |
| Renewables | 2,491 | 2,914 | 4,039 | 4,482 | 4,821 | 5,202 | 5,618 | 2.9% |
| Hydro | 1,472 | 1,547 | 1,633 | 1,718 | 1,726 | 1,734 | 1,736 | 0.6% |
| Wind | 611 | 717 | 1,194 | 1,383 | 1,537 | 1,674 | 1,787 | 3.9% |
| Geothermal | 25 | 21 | 39 | 44 | 48 | 51 | 56 | 2.8% |
| Solar | 260 | 524 | 1,079 | 1,255 | 1,443 | 1,678 | 1,975 | 7.5% |
| Other | 122 | 104 | 94 | 83 | 67 | 65 | 64 | -2.3% |
| Net generation to grid | 6,732 | 6,786 | 7,126 | 7,496 | 7,860 | 8,291 | 8,766 | 0.9% |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253 and Annual Energy Outlook 2023 (March 2023), www.eia.gov/aeo

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.