

Table E10.cap. Electricity installed generating capacity: Russia, High Zero-carbon Technology Cost case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Liquid fuels | 7 | 7 | 3 | 1 | 1 | 1 | 0 | -10.4% |
| Natural gas | 136 | 137 | 162 | 182 | 197 | 210 | 226 | 1.8% |
| Coal | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 0.0% |
| Nuclear | 30 | 31 | 32 | 32 | 32 | 32 | 31 | 0.2% |
| Renewables | 59 | 62 | 62 | 62 | 62 | 62 | 62 | 0.2% |
| Hydro | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 0.0% |
| Wind | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2.4% |
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4% |
| Solar | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0.0% |
| Other | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 2.5% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- |
| Pumped hydro | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.0% |
| Total capacity | 288 | 293 | 314 | 333 | 347 | 360 | 375 | 1.0% |

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.