

Table E8.cap. Electricity installed generating capacity: Europe and Eurasia, Reference case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| Liquid fuels | 77 | 78 | 52 | 39 | 33 | 32 | 32 | -3.1% |
| Natural gas | 474 | 483 | 508 | 511 | 525 | 543 | 566 | 0.6% |
| Coal | 269 | 272 | 224 | 228 | 228 | 228 | 228 | -0.6% |
| Nuclear | 168 | 173 | 151 | 156 | 156 | 154 | 155 | -0.3% |
| Renewables | 782 | 908 | 1,015 | 1,034 | 1,067 | 1,133 | 1,221 | 1.6% |
| Hydro | 272 | 297 | 300 | 301 | 301 | 302 | 302 | 0.4% |
| Wind | 245 | 283 | 324 | 327 | 330 | 334 | 338 | 1.2% |
| Geothermal | 3 | 6 | 8 | 8 | 8 | 8 | 8 | 3.1% |
| Solar | 206 | 247 | 300 | 310 | 334 | 390 | 468 | 3.0% |
| Other | 56 | 75 | 83 | 88 | 94 | 99 | 105 | 2.2% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 49 | 98 | -- |
| Pumped hydro | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 0.1% |
| Total capacity | 1,820 | 1,964 | 2,002 | 2,021 | 2,060 | 2,192 | 2,352 | 0.9% |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run r_230822.081459

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