

Table E8.cap. Electricity installed generating capacity: Europe and Eurasia, Low Economic Growth case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| Liquid fuels | 77 | 77 | 52 | 39 | 32 | 32 | 31 | -3.2% |
| Natural gas | 474 | 483 | 495 | 485 | 476 | 475 | 477 | 0.0% |
| Coal | 269 | 271 | 221 | 225 | 228 | 228 | 228 | -0.6% |
| Nuclear | 168 | 173 | 151 | 156 | 156 | 154 | 142 | -0.6% |
| Renewables | 782 | 907 | 1,012 | 1,021 | 1,032 | 1,041 | 1,056 | 1.1% |
| Hydro | 272 | 297 | 300 | 301 | 301 | 302 | 302 | 0.4% |
| Wind | 245 | 283 | 325 | 326 | 329 | 330 | 330 | 1.1% |
| Geothermal | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 2.2% |
| Solar | 206 | 247 | 299 | 301 | 305 | 307 | 316 | 1.5% |
| Other | 56 | 74 | 82 | 87 | 92 | 96 | 101 | 2.1% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 17 | 34 | -- |
| Pumped hydro | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 0.1% |
| Total capacity | 1,820 | 1,964 | 1,983 | 1,977 | 1,976 | 1,998 | 2,019 | 0.4% |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Im_230821.151939

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