

Table E21.cap. Electricity installed generating capacity: Middle East, Reference case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Liquid fuels | 57 | 59 | 31 | 15 | 7 | 2 | 1 | -15.2% |
| Natural gas | 246 | 256 | 256 | 271 | 292 | 314 | 330 | 1.1% |
| Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -5.9% |
| Nuclear | 8 | 10 | 9 | 11 | 12 | 12 | 12 | 1.6% |
| Renewables | 29 | 64 | 103 | 108 | 111 | 116 | 119 | 5.1% |
| Hydro | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 0.4% |
| Wind | 1 | 9 | 17 | 18 | 18 | 18 | 18 | 10.2% |
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -- |
| Solar | 12 | 38 | 68 | 72 | 75 | 79 | 83 | 7.0% |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5.4% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Pumped hydro | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1.4% |
| Total capacity | 343 | 392 | 401 | 406 | 424 | 447 | 464 | 1.1% |

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.