

Table E13.cap. Electricity installed generating capacity: Japan, Low Oil Price case

gigawatts

| Fuel | 2022 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual percentage change, 2022–2050 |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Liquid fuels | 35 | 35 | 19 | 11 | 7 | 7 | 7 | -5.8% |
| Natural gas | 95 | 101 | 101 | 89 | 80 | 77 | 77 | -0.7% |
| Coal | 64 | 65 | 42 | 41 | 41 | 41 | 41 | -1.5% |
| Nuclear | 14 | 20 | 25 | 25 | 21 | 18 | 18 | 0.9% |
| Renewables | 108 | 112 | 118 | 125 | 139 | 153 | 166 | 1.6% |
| Hydro | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 0.0% |
| Wind | 4 | 4 | 4 | 5 | 13 | 21 | 28 | 6.9% |
| Geothermal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Solar | 76 | 81 | 86 | 93 | 99 | 105 | 111 | 1.3% |
| Other | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0.1% |
| Battery storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Pumped hydro | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 0.0% |
| Total capacity | 344 | 362 | 332 | 319 | 317 | 325 | 338 | -0.1% |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run Ip_230823.090253

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