

**Table E3.cap. Electricity installed generating capacity: United States, Low Economic Growth case**

gigawatts

| Fuel            | 2020  | 2025  | 2030  | 2035  | 2040  | 2045  | 2050  | Average annual<br>percentage change,<br>2020–2050 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------------------|
| Liquid fuels    | 74    | 57    | 49    | 44    | 42    | 42    | 40    | -2.0                                              |
| Natural gas     | 429   | 505   | 546   | 582   | 625   | 678   | 745   | 1.9                                               |
| Coal            | 221   | 134   | 116   | 110   | 105   | 102   | 100   | -2.6                                              |
| Nuclear         | 97    | 92    | 73    | 69    | 68    | 67    | 67    | -1.2                                              |
| Renewables      | 331   | 490   | 579   | 639   | 700   | 776   | 845   | 3.2                                               |
| Hydro           | 79    | 80    | 80    | 80    | 80    | 80    | 80    | 0.0                                               |
| Wind            | 127   | 200   | 212   | 227   | 228   | 231   | 236   | 2.1                                               |
| Geothermal      | 2     | 3     | 4     | 4     | 5     | 6     | 6     | 3.2                                               |
| Solar           | 84    | 170   | 245   | 289   | 347   | 419   | 482   | 6.0                                               |
| Other           | 38    | 39    | 39    | 39    | 40    | 40    | 41    | 0.2                                               |
| Battery storage | 3     | 11    | 13    | 16    | 16    | 18    | 19    | 6.2                                               |
| Total capacity  | 1,155 | 1,289 | 1,376 | 1,460 | 1,556 | 1,683 | 1,817 | 1.5                                               |

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Im\_210719.163843; and EIA, *Annual Energy Outlook 2021*, (February 2021), [www.eia.gov/aeo](http://www.eia.gov/aeo)

Notes:

\* Totals may not equal sum of components due to independent rounding.