

**Table E9.gen. Electricity generation: Australia and New Zealand, High Oil Price case**

billion kilowatthours

| Fuel                   | 2020 | 2025 | 2030 | 2035 | 2040 | 2045 |
|------------------------|------|------|------|------|------|------|
| Liquid fuels           | 4    | 4    | 0    | 0    | 0    | 0    |
| Natural gas            | 61   | 56   | 59   | 53   | 48   | 46   |
| Coal                   | 149  | 85   | 74   | 57   | 45   | 44   |
| Nuclear                | 0    | 0    | 0    | 0    | 0    | 0    |
| Renewables             | 86   | 184  | 241  | 317  | 389  | 448  |
| Hydro                  | 36   | 38   | 39   | 41   | 45   | 51   |
| Wind                   | 22   | 70   | 101  | 143  | 165  | 176  |
| Geothermal             | 7    | 7    | 7    | 7    | 7    | 7    |
| Solar                  | 19   | 67   | 91   | 122  | 167  | 208  |
| Other                  | 3    | 3    | 3    | 4    | 5    | 5    |
| Net generation to grid | 300  | 329  | 375  | 427  | 483  | 538  |

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run hp\_210719.163813.

Notes:

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

\* *Net generation to grid* represents gross generation less losses from thermal efficiency and parasitic load.

| Average annual<br>percentage change, |           |
|--------------------------------------|-----------|
| 2050                                 | 2020–2050 |
| 0                                    | -11.5     |
| 46                                   | -0.9      |
| 35                                   | -4.7      |
| 0                                    | 0.0       |
| 513                                  | 6.1       |
| 51                                   | 1.2       |
| 186                                  | 7.3       |
| 7                                    | 0.0       |
| 263                                  | 9.2       |
| 6                                    | 2.9       |
| 594                                  | 2.3       |