

**Table E6.gen. Electricity generation: OECD Europe, Low Economic Growth case**

billion kilowatthours

| Fuel                   | 2020  | 2025  | 2030  | 2035  | 2040  | 2045  |
|------------------------|-------|-------|-------|-------|-------|-------|
| Liquid fuels           | 57    | 57    | 27    | 12    | 7     | 6     |
| Natural gas            | 796   | 763   | 772   | 730   | 678   | 678   |
| Coal                   | 397   | 255   | 206   | 204   | 204   | 213   |
| Nuclear                | 741   | 728   | 674   | 658   | 608   | 459   |
| Renewables             | 1,378 | 1,806 | 2,120 | 2,412 | 2,687 | 3,025 |
| Hydro                  | 568   | 624   | 662   | 680   | 698   | 711   |
| Wind                   | 531   | 676   | 848   | 1,072 | 1,294 | 1,568 |
| Geothermal             | 21    | 24    | 28    | 39    | 40    | 40    |
| Solar                  | 201   | 424   | 517   | 535   | 557   | 602   |
| Other                  | 58    | 58    | 64    | 84    | 98    | 103   |
| Net generation to grid | 3,369 | 3,608 | 3,799 | 4,015 | 4,184 | 4,381 |

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run Im\_210719.163843.

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 |
| 6                                    | -7.0      |
| 678                                  | -0.5      |
| 204                                  | -2.2      |
| 363                                  | -2.3      |
| 3,335                                | 3.0       |
| 732                                  | 0.9       |
| 1,752                                | 4.1       |
| 40                                   | 2.2       |
| 700                                  | 4.2       |
| 110                                  | 2.2       |
| 4,586                                | 1.0       |