

**Table E6.gen. Electricity generation: OECD Europe, Low Oil Price case**

billion kilowatthours

| Fuel                   | 2020  | 2025  | 2030  | 2035  | 2040  | 2045  | 2050  | Average annual<br>percentage change,<br>2020–2050 |
|------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------------------|
|                        |       |       |       |       |       |       |       |                                                   |
| Liquid fuels           | 57    | 61    | 39    | 29    | 24    | 24    | 24    | -2.9                                              |
| Natural gas            | 796   | 759   | 757   | 708   | 656   | 618   | 619   | -0.8                                              |
| Coal                   | 397   | 262   | 207   | 206   | 205   | 334   | 269   | -1.3                                              |
| Nuclear                | 741   | 728   | 674   | 658   | 607   | 459   | 363   | -2.3                                              |
| Renewables             | 1,378 | 1,800 | 2,113 | 2,339 | 2,559 | 2,769 | 3,042 | 2.7                                               |
| Hydro                  | 568   | 617   | 653   | 671   | 689   | 706   | 722   | 0.8                                               |
| Wind                   | 531   | 677   | 843   | 1,026 | 1,181 | 1,349 | 1,584 | 3.7                                               |
| Geothermal             | 21    | 24    | 36    | 28    | 40    | 40    | 40    | 2.2                                               |
| Solar                  | 201   | 424   | 517   | 531   | 552   | 574   | 593   | 3.7                                               |
| Other                  | 58    | 58    | 64    | 83    | 96    | 99    | 103   | 2.0                                               |
| Net generation to grid | 3,369 | 3,609 | 3,790 | 3,939 | 4,051 | 4,204 | 4,317 | 0.8                                               |

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run lp\_210720.081941.

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.