

**Table E16.gen. Electricity generation: Middle East, Low Oil Price case**

billion kilowatthours

| Fuel                   | 2020  | 2025  | 2030  | 2035  | 2040  | 2045  | 2050  | Average annual<br>percentage change,<br>2020–2050 |
|------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------------------|
|                        |       |       |       |       |       |       |       |                                                   |
| Liquid fuels           | 291   | 291   | 156   | 125   | 101   | 85    | 66    | -4.8                                              |
| Natural gas            | 872   | 933   | 933   | 836   | 749   | 749   | 749   | -0.5                                              |
| Coal                   | 0     | 0     | 0     | 0     | 13    | 0     | 36    | --                                                |
| Nuclear                | 6     | 41    | 58    | 73    | 83    | 83    | 83    | 9.2                                               |
| Renewables             | 22    | 63    | 98    | 182   | 336   | 430   | 459   | 10.7                                              |
| Hydro                  | 18    | 18    | 20    | 25    | 25    | 25    | 25    | 1.2                                               |
| Wind                   | 1     | 14    | 37    | 54    | 59    | 64    | 69    | 15.8                                              |
| Geothermal             | 0     | 0     | 0     | 1     | 1     | 1     | 1     | --                                                |
| Solar                  | 3     | 32    | 41    | 101   | 250   | 339   | 363   | 17.0                                              |
| Other                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | --                                                |
| Net generation to grid | 1,191 | 1,329 | 1,245 | 1,217 | 1,281 | 1,346 | 1,392 | 0.5                                               |

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.