

**Table E16.cap. Electricity installed generating capacity: Middle East, Reference case**

gigawatts

| Fuel            | 2020 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | Average annual<br>percentage change,<br>2020–2050 |
|-----------------|------|------|------|------|------|------|------|---------------------------------------------------|
|                 |      |      |      |      |      |      |      |                                                   |
| Liquid fuels    | 60   | 60   | 32   | 16   | 7    | 3    | 1    | -13.2                                             |
| Natural gas     | 244  | 261  | 261  | 234  | 234  | 246  | 266  | 0.3                                               |
| Coal            | 2    | 8    | 8    | 8    | 8    | 8    | 8    | 5.1                                               |
| Nuclear         | 1    | 6    | 9    | 11   | 12   | 12   | 12   | 9.1                                               |
| Renewables      | 18   | 49   | 97   | 180  | 245  | 272  | 288  | 9.6                                               |
| Hydro           | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 0.0                                               |
| Wind            | 1    | 10   | 20   | 24   | 25   | 27   | 29   | 13.8                                              |
| Geothermal      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | --                                                |
| Solar           | 2    | 24   | 61   | 140  | 203  | 229  | 244  | 16.8                                              |
| Other           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3.8                                               |
| Battery storage | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.0                                               |
| Total capacity  | 325  | 385  | 407  | 448  | 506  | 541  | 576  | 1.9                                               |

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2021), run r\_210719.163829.

Notes:

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