

**Table E21.cap. Electricity installed generating capacity: Middle East, High Oil Price case**

gigawatts

| <b>Fuel</b>           | <b>2022</b> | <b>2025</b> | <b>2030</b> | <b>2035</b> | <b>2040</b> | <b>2045</b> | <b>2050</b> | <b>Average annual<br/>percentage change,<br/>2022–2050</b> |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| Liquid fuels          | 57          | 59          | 31          | 15          | 7           | 2           | 1           | -15.2%   |
| Natural gas           | 246         | 256         | 256         | 286         | 312         | 339         | 361         | 1.4%   |
| Coal                  | 0           | 0           | 0           | 0           | 0           | 0           | 0           | -5.9%  |
| Nuclear               | 8           | 10          | 9           | 11          | 12          | 12          | 12          | 1.6%   |
| Renewables            | 29          | 64          | 103         | 108         | 111         | 116         | 119         | 5.1%   |
| Hydro                 | 16          | 17          | 17          | 17          | 17          | 17          | 17          | 0.4%   |
| Wind                  | 1           | 9           | 17          | 18          | 18          | 18          | 18          | 10.2%  |
| Geothermal            | 0           | 0           | 0           | 0           | 0           | 0           | 0           | --   |
| Solar                 | 12          | 38          | 68          | 72          | 75          | 79          | 83          | 7.0%   |
| Other                 | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 5.4%   |
| Battery storage       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0.0%   |
| Pumped hydro          | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1.4%   |
| <b>Total capacity</b> | <b>343</b>  | <b>392</b>  | <b>401</b>  | <b>422</b>  | <b>445</b>  | <b>472</b>  | <b>496</b>  | <b>1.3%</b>  |

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp\_230822.081357

Note: Totals may not equal sum of components due to independent rounding.