### Table E17.cap. Electricity installed generating capacity: Africa, High Oil Price case

gigawatts

<table>
<thead>
<tr>
<th>Fuel</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
<th>2035</th>
<th>2040</th>
<th>2045</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid fuels</td>
<td>21</td>
<td>21</td>
<td>7</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Natural gas</td>
<td>120</td>
<td>123</td>
<td>136</td>
<td>171</td>
<td>198</td>
<td>209</td>
</tr>
<tr>
<td>Coal</td>
<td>48</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Nuclear</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Renewables</td>
<td>47</td>
<td>82</td>
<td>116</td>
<td>155</td>
<td>234</td>
<td>366</td>
</tr>
<tr>
<td>Hydro</td>
<td>33</td>
<td>42</td>
<td>43</td>
<td>47</td>
<td>53</td>
<td>67</td>
</tr>
<tr>
<td>Wind</td>
<td>5</td>
<td>18</td>
<td>30</td>
<td>33</td>
<td>35</td>
<td>38</td>
</tr>
<tr>
<td>Geothermal</td>
<td>1</td>
<td>2</td>
<td>5</td>
<td>6</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Solar</td>
<td>6</td>
<td>18</td>
<td>34</td>
<td>66</td>
<td>133</td>
<td>248</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Battery storage</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Total capacity</td>
<td>237</td>
<td>279</td>
<td>314</td>
<td>385</td>
<td>490</td>
<td>633</td>
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</tbody>
</table>


Notes:
* Totals may not equal sum of components due to independent rounding.
## Average annual percentage change, 2020–2050

<table>
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<tr>
<th>2050</th>
<th>2020–2050</th>
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<tr>
<td>0</td>
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<tr>
<td>220</td>
<td>2.0</td>
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<td>50</td>
<td>0.2</td>
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<tr>
<td>9</td>
<td>5.3</td>
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<tr>
<td>456</td>
<td>7.9</td>
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<tr>
<td>93</td>
<td>3.5</td>
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<td>41</td>
<td>6.9</td>
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<tr>
<td>9</td>
<td>9.1</td>
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<tr>
<td>309</td>
<td>14.0</td>
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<tr>
<td>4</td>
<td>3.4</td>
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<tr>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>736</td>
<td>3.8</td>
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