Table E13.cap. Electricity installed generating capacity: Japan, Low Economic Growth case
gigawatts

<table>
<thead>
<tr>
<th>Fuel</th>
<th>2022</th>
<th>2025</th>
<th>2030</th>
<th>2035</th>
<th>2040</th>
<th>2045</th>
<th>2050</th>
<th>Average annual percentage change, 2022–2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid fuels</td>
<td>35</td>
<td>35</td>
<td>19</td>
<td>11</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>-5.8%</td>
</tr>
<tr>
<td>Natural gas</td>
<td>95</td>
<td>101</td>
<td>101</td>
<td>89</td>
<td>79</td>
<td>72</td>
<td>72</td>
<td>-1.0%</td>
</tr>
<tr>
<td>Coal</td>
<td>64</td>
<td>65</td>
<td>42</td>
<td>32</td>
<td>32</td>
<td>32</td>
<td>32</td>
<td>-2.4%</td>
</tr>
<tr>
<td>Nuclear</td>
<td>14</td>
<td>20</td>
<td>25</td>
<td>25</td>
<td>21</td>
<td>18</td>
<td>18</td>
<td>0.9%</td>
</tr>
<tr>
<td>Renewables</td>
<td>108</td>
<td>112</td>
<td>118</td>
<td>125</td>
<td>139</td>
<td>153</td>
<td>166</td>
<td>1.6%</td>
</tr>
<tr>
<td>Hydro</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>22</td>
<td>0.0%</td>
</tr>
<tr>
<td>Wind</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>13</td>
<td>21</td>
<td>28</td>
<td>6.9%</td>
</tr>
<tr>
<td>Geothermal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Solar</td>
<td>76</td>
<td>81</td>
<td>86</td>
<td>93</td>
<td>99</td>
<td>105</td>
<td>111</td>
<td>1.3%</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>0.1%</td>
</tr>
<tr>
<td>Battery storage</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Pumped hydro</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>0.0%</td>
</tr>
<tr>
<td>Total capacity</td>
<td>344</td>
<td>362</td>
<td>332</td>
<td>310</td>
<td>307</td>
<td>311</td>
<td>324</td>
<td>-0.2%</td>
</tr>
</tbody>
</table>

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run lm_230821.151939
Note: Totals may not equal sum of components due to independent rounding.