Renewable Energy Targets - Summary of Latest Progress

<table>
<thead>
<tr>
<th>Target</th>
<th>%</th>
<th>YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Renewable Energy Target</td>
<td>17.8</td>
<td>2015</td>
</tr>
<tr>
<td>30% of total Scottish energy consumption from renewables by 2020</td>
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<tr>
<td>Renewable Electricity Target</td>
<td>68.1</td>
<td>2017</td>
</tr>
<tr>
<td>100% of gross electricity consumption from renewables by 2020</td>
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<td></td>
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<tr>
<td>Renewable Heat Target</td>
<td>4.8</td>
<td>2016</td>
</tr>
<tr>
<td>11% of non-electrical heat demand from renewables by 2020</td>
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<td></td>
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<tr>
<td>Renewable Transport Target</td>
<td>3.1</td>
<td>2016</td>
</tr>
<tr>
<td>10% of transport petrol and diesel consumption from biofuels by 2020</td>
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<tr>
<td>Energy Consumption Target</td>
<td>-15.4</td>
<td>2015</td>
</tr>
<tr>
<td>12% in total final energy consumption by 2020</td>
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In 2015, 17.8% of total Scottish energy consumption came from renewable sources
Scotland has a target to deliver the equivalent of 30% of total energy consumption from renewable sources by 2020.

In 2017, 68.1% of gross electricity consumption came from renewable sources
Scotland has a target to deliver the equivalent of 100% of gross electricity consumption from renewables by 2020.
In 2016, 4.8% of heat demand in Scotland was generated from renewable sources.

Scotland has a target to deliver 11% of heat demand from renewable sources by 2020.

In 2016, 3.1% of total transport fuel consumption was accounted for by renewable sources

Scotland has a target to deliver 10% of transport petrol and diesel consumption from biofuels by 2020.

In 2015, total final energy consumption was 15.4% lower than the 2005-07 baseline

Scotland has a 2020 target to reduce total final energy consumption by 12% from baseline 2005-07. At -15.4% in 2015, the reduction in energy consumption is already below the level required to meet the 2020 target.
2017 is a record year for renewable electricity generation in Scotland

Renewable electricity generation in 2017 is greater than both 2016 (26%) and 2015 (14%), the previous record year for renewable electricity generation. Scottish renewable generation made up approximately 25% of total UK renewable generation in 2017.

Electricity consumption met by renewables in Scotland is greater than the RUK and than the EU average

Provisionally in 2017, 68.1% of Scotland’s electricity consumption was met by renewables.

In 2016, only 3 EU countries had a greater proportion of electricity consumption met by renewables.

*Rolls forward 2016 electricity consumption as proxy for the 2017 estimate

In December 2017, 10 GW of renewable electricity capacity was operational in Scotland

Data as at December 2017 show that Scotland had 10 GW of installed renewable electricity generation capacity, with an additional 10.9 GW of capacity either under construction, awaiting construction or in planning, the majority of which are wind generation projects.

Scotland’s Renewable Generation as a Proportion of Electricity Consumption was

- **Rest of UK** 45.0% points greater than the equivalent figure for Rest of UK in 2017*
- **EU** 24.4% points greater than the EU average in 2016**

**This data uses the latest Eurostat data for 2016. The methodology for the EU calculation differs slightly from the Scottish calculation**

Sources:
- Quarterly Energy Trends Reports, BEIS - [https://www.gov.uk/government/collections/energy-trends]
- Sub-National Energy Consumption Tables, BEIS - [https://www.gov.uk/government/collections/sub-national-electricity-consumption-data]