



Wind energy powering “Scotland’s other national drink”

A.G. Barr is the UK’s leading independent soft drink manufacturer, particularly well known for its popular soft drink, IRN-BRU.

The company was established by Robert Barr in Falkirk in 1875. IRN-BRU was first produced in 1901 and follows a secret recipe of 32 different ingredients, which has never changed.

Today, the company employs around 1,000 people across ten sites in the UK. As well as their best-selling IRN-BRU, also known as ‘Scotland’s other national drink’, they produce a wide range of soft drinks including Rubicon, BARR, KA, Strathmore Water, Snapple and Rockstar energy drink.

As a responsible business, A.G. Barr is always looking for ways to improve its environmental performance. Reducing its carbon footprint is a vital part of this plan and the installation of an EWT 500kW wind turbine at their Cumbernauld site has made a considerable contribution.

The power generated by the turbine provides the drinks factory with up to 8% of its electricity demand every year, replacing between 430 - 1030 tonnes of CO₂ which would have been emitted had the power otherwise been produced by either a gas or coal fired power station*.



SOFT DRINKS

**Source: RenewableUK*

EWT AG Barr Case Study

In order to realise a wind energy project at their Cumbernauld factory in North Lanarkshire, Scotland, A.G. Barr teamed up with renewable energy company Farm Energy Partnership. The 20-year partnership sees A.G. Barr purchase the generated electricity from Farm Energy, who own the turbine, over its entire life span. Power provided by the turbine will not have to be sourced from the local distribution network and, likewise, any power that it generates when the factory is not in operation will be fed into the local network.

The wind turbine has been operational since November 2015. Standing at 70 metres tall to the tip of the blade, it is the tallest landmark at the Cumbernauld site. There is a significant community benefit fund for local residents in place, which funds a variety of local groups, projects and initiatives.

Andrew Memmott, A.G. Barr's Supply Chain Director, said: "Reducing the environmental impact of our operation is always a key priority and we're committed to reducing our carbon footprint through a number of different activities. The wind turbine is one such activity which also benefits the local community financially."

Benefits to the Company and Local Community

- The EWT turbine will produce approximately 1,180 Mwh per annum during its operational life.
- This power will be used by A G Barr, providing up to 8% of the factory's annual electricity demand. That is enough electricity to power around 280 average UK households for a year*.
- Each year, the turbine will replace 430 – 1030 tonnes of CO₂ which would have been emitted had the power otherwise been produced by a gas or coal power station respectively*.
- A community benefit fund of approximately £120,000 (over twenty years), made available by the turbine's installation, is put to good use in the local community. Causes that have received grants from the fund include the Craighalbert Centre in Cumbernauld, Condorrat City Youth Football Team, High Barrwood Respite in Kilsyth and the Friends of Merkland School in Kirkintilloch.

**Source: RenewableUK*



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