

BRYN PICA RECYCLING CENTRE

LED LIGHTING SCHEME

DELIVERED BY RCTCBC'S ENERGY & CARBON
REDUCTION TEAM BETWEEN 2022 - 2023

Over 70 LED lights have been fitted at Bryn Pica Recycling Centre, Aberdare, as part of the Carbon Reduction Project between April 2022 and March 2023.

Compared to traditional light fittings such as incandescent and fluorescent bulbs, LED lights are more efficient as they convert a higher percentage of energy into light, produce less heat, and have a longer lifespan. This makes LEDs a cost-effective lighting solution but also contributes to their growing popularity as a sustainable choice for lighting needs.

Data indicates that this project **saves 10,256 kWh a year**, which is the equivalent to **£2,154 annually** (based on current energy costs). This installation reduces the Council's greenhouse gas emissions by **3.96 tonnes annually**, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

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