



# MOUNTAIN ASH DAY CENTRE SOLAR PV INSTALLATION

*Delivered by RCTCBC's Energy & Carbon Reduction Team  
in September 2023*

Installation of a 11.5 kWp photovoltaic (PV) system has been completed at Mountain Ash Day Centre, otherwise known as Canolfan Pennar Community Hub, in September 2023. The solar installation generates electricity from daylight and feeds into the school's electrical system. The power generated replaces electricity being imported and supplied from the national grid and is saving money on electricity costs.

Data indicates that this project saves 27,348 kWh a year, which is the equivalent to £6,645.56 annually (based on current energy costs). This installation reduces the Council's greenhouse gas emissions by 10.6 tonnes annually, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

**SAVING**  
**27,348 kWh**  
**PER YEAR**

**THAT IS**  
**10.6 TONNES**  
**OF CO<sub>2</sub>**

**SAVING**  
**£6,645**  
**PER YEAR**

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