



# YSGOL HEN FELIN SOLAR PV INSTALLATION

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

A 23.8 kWp photovoltaic (PV) system was commissioned in September 2023 at Ysgol Hen Felin. 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 has saved 15,667 kW during the 2023 - 2024 financial year, which is equivalent to £5,013 on annual energy bills (based on 2024 energy costs). This installation reduced the Council's greenhouse gas emissions by 3.6 tonnes in 12 months, thus helping the Council move towards its target of reaching carbon neutrality by 2030.

**SAVING**  
**15,667 kWh**  
**PER YEAR**

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

**SAVING**  
**£5,013**  
**PER YEAR**

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