

Coryton Primary School (The Pear Tree Federation) reduce their energy costs per pupil by over £15 per annum by installing rooftop Solar PV



Coryton Primary School's solar project

Coryton Primary School (part of the Pear Tree Federation), in Cardiff, is benefitting from a more sustainable energy source and has reduced their reliance on the national grid by installing a rooftop solar PV.

The project will allow the school to produce electricity using renewable solar energy on site, helping them to maintain their electricity demands whilst saving an estimated 6.74 tonnes of carbon per year.

The energy produced from the project will help the school to reduce their electricity requirements by around 40% and produce cleaner energy that benefits the local and global environment.

The project, which completed in January 2019, was implemented thanks to £26,761 of interest-free funding from Salix.

This exciting development will result in savings of:



£3,375
in savings
per year



£75,937
in lifetime
financial
savings



6.74
tonnes
of carbon
per year

Educational benefits

In addition to the school's carbon and financial savings, the project has provided pupils and staff with a valuable educational resource.

Pupils now benefit from being able to use the solar arrays as an educational resource to learn more about renewable energy and solutions to address climate change.



"The return on the installation financially is already above what we had expected. It promotes the message to our pupils and the school community about sustainable energy and the need for organisations to make big changes. We are absolutely delighted with both the product and the customer service we received to get to the point of the completed installation. I am not particularly technical but even I understood the process."

Sally Phillips Headteacher, Coryton Primary School.

For more information...

Please contact us on **020 3102 6900**
or **wales@salixfinance.co.uk**

www.salixfinance.co.uk



Your partner for
a low carbon future

Technical breakdown

- The production of electricity using renewable solar energy on site reduces the school's reliance on the grid.
- The Solar PV array captures energy from sunlight and converts it to direct, current electricity to be used on site.
- The project will reduce the school's energy consumption by 17,531 kilowatt hours from the grid per year, resulting in a carbon saving of 6.75 tonnes.



Well-being of future generations

The Well-being of Future Generations (Wales) Act looks to improve the social, economic, environmental and cultural well-being of Wales and create a community that everyone wants to live in now, and in the future.

- Coryton school's project will provide a greener, more sustainable energy source for the school.
- It will ensure a healthier Wales through greener power production and reduced requirement from the grid.
- Education and the local community will benefit from the financial savings, contributing to a more prosperous Wales.

Available resources and support

- Salix supports the installation of energy efficiency technologies by providing interest-free finance.
- Wales funding is provided by the Welsh Government and allows public sector bodies to access funding for projects with up to an 8-year technical payback.
- The Wales funding support team is available to provide clients with support and information from the very early stages of project development and application process.
- Salix continues to support clients post project completion by developing a case study to showcase the success of the project.

Application process

1. Go to the Salix website, salixfinance.co.uk/loans/welsh-loans
2. Download the application form
3. Complete the form and obtain sign off from the sponsoring director
4. Submit the application to wales@salixfinance.co.uk
5. Applications are assessed and decision made typically within one month

For more information...

Please contact us on **020 3102 6900** or wales@salixfinance.co.uk

www.salixfinance.co.uk



salix

Your partner for
a low carbon future