

Parrs Wood High School is a specialist technology college in Manchester, with 1,826 students. They used one of their Salix 100% interest-free loans of £74,300 to reduce their energy costs per pupil by over £13 per annum by implementing multiple projects. This is how they did it.



Project overview

Parrs Wood High School used a Salix loan to upgrade their lighting and building energy management system. The school wanted to make long-term savings and reduce their carbon footprint. They also want to set an example to other institutions that improvements can be done without a large capital outlay. Their lighting upgrade projects will save an average of 45% compared to their old lighting, and combined with the installation of a modern building energy management systems, a saving of over 13% is estimated on their total energy bill.



Salix will help you:

Learn how you can benefit from Salix energy-efficiency knowledge

Use our range of case studies to help you write a strong business case

Find out about how to significantly reduce annual energy costs

Start to use our straightforward loan application process

Parrs Wood High School's Business Case

Parrs Wood High School was looking to find an effective way to drive down energy bills to reduce their energy consumption. They have achieved this by lowering the cost of energy per pupil by over £13 per annum. The establishment of the Salix Schools Loans Scheme Programme, funded by the Department for Education, has made these changes possible. The Salix Schools Loans Scheme Programme is available to all schools within England and there is no maximum sum that each school can apply for.

Six Salix indicators

Total loan value
£74,300

Annual £ savings
£24,230

Annual savings tonnes of CO₂
130

Lifetime £ savings
£224,326

Lifetime savings tonnes of CO₂
1,202

Project payback
3 years

Working with Salix

Why Salix?

A Salix 100% interest-free £74,300 capital-finance loan and client support offered Parrs Wood High School a cost and resource effective solution. The Salix project compliance tool showed financial savings from upgrading their lighting and building energy management systems that would allow Parrs Wood High School to achieve a project payback of 3 years. Once the project has paid back, Parrs Wood High School will go on to benefit from £24,230 in annual energy cost savings.

The Salix solution

The Salix solution allowed the school to upgrade their lighting, improving the comfort and environment of the school.

How Salix worked

The Salix Schools Loans Scheme Programme worked very well for Parrs Wood High School, allowing them to improve their lighting throughout the school whilst providing significant annual energy cost savings. Parrs Wood High School have also undertaken several other energy-efficient projects and they have all worked well with the activities already going on within the school. The school has a CO₂ student leadership team who analyse ways to improve energy-efficiency within the building and present them to the school committee. The school also raise student and teacher awareness by taking part in events focusing on sustainability.

To access more information visit: www.salixfinance.co.uk/schools

All Salix case studies are available as a downloadable PDF at www.salixfinance.co.uk/case-studies



“The Salix 0% interest loan was the most cost effective way for us to make long term savings and reduce our carbon footprint. One of our aims is to set an example to other institutions.”

Mr Andrew Shakos, Head Teacher, Parrs Wood High School

Why is becoming more energy-efficient so important?

“To save money, improve the learning environment and diminish the school’s negative effect on the atmosphere.”

Rebecca Gorman, Year 12, Parrs Wood High School

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