

Salix Schools: Switching to Low Energy

Information for Local Authorities & Schools

CELEBRATING 10 YEARS
WORKING WITH THE PUBLIC SECTOR

Selected schools will receive a comprehensive energy and carbon reduction survey

In partnership with the Department for Education and the Department of Energy and Climate Change, Salix is inviting Local Authorities across England to help their state maintained schools become exemplars in energy efficiency by joining the **Salix Schools: Switching to Low Energy pilot**.

How Salix can help you

To support schools wanting to lower their energy bills Salix is bringing over a decade of experience where we have funded £36.5 million of energy efficiency projects in over 1,500 maintained schools to the Salix Schools: Switching to Low Energy pilot.

A limited number of schools will be selected for the pilot. All schools will receive a comprehensive survey identifying what energy efficiency measures can be implemented across their school to significantly reduce their energy bills, and help with procuring the measures.

The Salix solution

Efficient technologies consume less energy and often result in a more comfortable learning environment with improved heating and lighting, without reducing performance. Furthermore, energy efficiency improvements result in lower energy and maintenance bills, saving revenue and funding.

Once a Salix interest free loan is repaid, the school will continue to benefit from substantial energy savings that can be used for other frontline services.

How it works



Survey scope

The Salix Schools: Switching to Low Energy survey will contain detailed recommendations for energy improvements. This will include:

- ✓ **Energy Efficiency** projects that can be funded by Salix (i.e. less than 8 year payback)
- ✓ **'No cost'** behavioural issues (including control adjustments), that Salix will help you implement.
- ✓ **Longer payback & solar renewable** projects that Salix may part fund and explore options for additional and alternative funding.

To apply complete the [Expression of Interest](#) form found at www.salixfinance.co.uk/loans/schools-switching-to-low-energy and email it to schoolsapplication@salixfinance.co.uk by Friday 17th July 2015

Please do not hesitate to contact us for more information and support with your application

Email: schoolsapplication@salixfinance.co.uk **Tel:** 020 8406 7620



Department
for Education

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Survey outputs

- ✓ Detailed review of the school's energy consumption and costs
- ✓ Over 120 potential technologies will be considered
- ✓ Comprehensive outline of all savings calculations
- ✓ Quotation request sheets enabling projects to be directly procured using the survey output
- ✓ Funding options explored for all identified projects

Example of identified projects

Summary of all the projects identified by the survey

Estimated energy savings (kWh)

Key boxes to ensure compliance for Salix

Project to be implemented?	Description of works	Cost of measure	Estimated Annual kWh savings	Estimated Annual Financial savings	Payback of measure (years)	£/tCO ₂ LT
Yes	Behaviour change & control adjustments		23,151			
Yes	Time switch to Staff room boiler	£50	412	£16	3.1	£96
Yes	Replace tungsten halogen lamps	£140	903	£109	1.3	£12
Yes	Install TRVs - Main school	£7,300	55,400	£2,161	3.4	£104
Yes	Install LED lighting & controls	£60,500	30,495	£3,675	16.5	£148

Schools can select which projects are to be implemented

Projects paybacks (years)

Costs

To help schools overcome potential financial barriers Salix will pay the initial upfront cost of surveys for this pilot. If the school proceeds with a Salix loan for the energy efficiency projects identified, this cost will be added to the loan. If not, the school will pay the cost of the survey. Survey costs will range from £2,500 to £5,000 (ex VAT) dependent upon the m² size of the school.

Funding options

Different funding options, including Salix funding will be reviewed with the school and Local Authority when the school is ready to implement the measures identified in the site survey.

For example, if a Local Authority has an offer for schools to implement solar PV then this could be included in the funding offer for the school.

In order to qualify for the Switch to Low Energy pilot scheme you will need...

- ✓ School governor approval
- ✓ Local Authority approval
- ✓ To be able to process direct debits in the event of applying to Salix for an interest-free loan to cover the cost of the energy efficiency projects and survey.



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