

# Edinburgh Renewable Heritage Housing Co-operative



UK's Original Solar System Manufacturer Based in Scotland

## Project Overview

Edinburgh has more listed buildings than any other UK city apart from London. Renewable energy installations in these properties are extremely rare, especially in multi-occupancy buildings such as tenements. In order to address growing concerns about carbon emissions in high density residential areas, Renewable Heritage embarked on a ground-breaking project to install solar thermal systems on seven Grade B listed Georgian tenements in the heart of Edinburgh, a Conservation Area and World Heritage Site.



AES Solar, Scotland's only solar panel manufacturer, was selected to design and supply the solar heating system, which was installed by their local partner, Glendevon Energy. The systems were designed to provide at least 50% of annual hot water requirement for 49 properties, even at basement level. But this is just the first step. The project provides a model for others living in historic, protected homes to generate their own free, clean energy.

Jenny Lewis, chair of Lister Housing Co-operative says *"This project will help reduce our tenants' fuel consumption, save carbon and support Scottish jobs, without in any way jeopardising our B-listed Georgian tenements – it's a win-win solution."*



Adam Wilkinson, director of Edinburgh World Heritage, agreed: *"Fuel poverty and sustainable energy are very much on the agenda. This study will help dispel the myth that historic buildings are neither energy efficient, nor capable of being sensitively retrofitted with sustainable energy measures."*

Solar energy is free, and grants are available to all UK householders wishing to invest in a solar thermal system, which can cover up to 30% of the costs.

For expert advice on accessing grants and making the most of freely available solar energy, call AES on 01309 676911.

Client	Lister Housing Co-Operative
Array Size	165 m <sup>2</sup>
Performance	74,520 kWh/year
CO <sub>2</sub> Savings	14,159 - 32,043 kg CO <sub>2</sub> /year

**AES offer solar thermal systems to suit any hot water application including single residences, multiple housing projects, swimming pools, apartment and office blocks, hospitals and industrial high volume water users. To discuss your particular requirements contact us on 01309 676911 or [info@aessolar.co.uk](mailto:info@aessolar.co.uk)**

Visit [www.aessolar.co.uk](http://www.aessolar.co.uk) for further information on our products and services.

