



Case Study

Ness and Nevis House, Edinburgh

Ness and Nevis House needed to be re clad with a new roof and the client originally envisaged the installation of traditional solar panels to meet the required 5MWH of solar energy to satisfy targeted SAP calculations. Kalzip UK persuaded the client of the benefits of using BIPVco's Flextron modules as a means of elegantly and efficiently meeting the desired objectives.

The 4.75 KW capacity installation is expected to yield 5.08 MWH / annum of energy.

The 'butterfly design' of the roof with a central gutter is on a 6 degree pitch. The thin film CIGS technology of the Flextron modules has superior low light / low pitch performance and the 'multiple diode' design feature ensures that any loss due to shading is limited in proportion to the shaded area. The self cleaning top surface enables the modules to be kept clean even at this slope.

Benefits of using BIPVco:

Better Shade Tolerance

Unlike conventional crystalline silicon modules, BIPVco Flextron panels do not lose power disproportionately to the shaded area.

High Quality Build

UK manufactured with 25 Year performance warranty.

Good Looking

Aesthetically / seamlessly integrated to the roof without creating an industrial look.

Testimonials

Curtis Moore (Cladding Systems) Ltd', a national Kalzip installer, found the whole process to be far simpler than a traditional PV system needing to be installed after the roof system was installed. Curtis Moore said

“ we were particularly impressed with the simplicity of the BiPVco solar integrated roof system. Once we had installed the roof, all we needed to do was connect the modules to each other using the provided MC4 connectors

We were impressed with the pre-sales service and the assistance given in order to finalise the scheme, and BiPVco's ability to answer all queries and questions we had along the way. We are looking forward to specifying and installing BiPVco projects in the future. ”



Renewables specified and installed by Energy My Way, Hertfordshire. PV installed with a Fronius inverter, allowing the 4.4 kWp to be used on a G83 connection.

