



BRITISH AIRWAYS



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British Airways Carbon Fund
Case Study

Bowden House School East Sussex



Project Overview

In May 2018, the Bowden House School installed an 82kWp solar PV system across various buildings. The School is a weekly residential school in Seaford that supports students between the ages of 9-16+ who present with a range of complex social, emotional and mental health difficulties. The school is owned and maintained by Tower Hamlets Local Authority but is open to young people from across the local area.

Technology

82kWp roof mounted solar PV

Grant Value

£30,000

Community Benefit

£10,200

CO₂ Avoided

42 tonnes per annum

Project Details

During the summer of 2018, Bowden House School in East Sussex installed a large 82kW roof mounted PV across several of its buildings.

It is a special, weekly residential school committed to supporting boys who present a range of complex, social, emotional and mental health difficulties. Many of the boys have been unable to continue in mainstream schools.

It is projected that the panels will generate around 122 MWH every year, of which half will be consumed on site and half will be exported to the grid. The £30,000 grant from the British Airways Carbon Fund provided around half of the project costs.

The income provided by the panels as a result of the generation and export tariffs along with the electricity savings will allow the conversion of an old, disused building into a youth club. This will create a much-needed evening space where students can relax and socialise.



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Company Limited by Guarantee Registered in England & Wales No. 05534395

Project Type

British Airways Carbon Fund Grant

Grant Value

£30,000

Social Impact:

Reduction in energy bills together with income generated has allowed the development of a youth club for the students to use in the evenings, which has provided an important social space



"We are very grateful to the British Airways Carbon Fund for the grant we received. The savings we make from the solar panels will benefit not only our current students but also new students for many years to come."

Gerry Crook, Headteacher

"The money we saved on our solar panel installation has enabled us to convert one of our old school buildings to a youth club for our students to use in the evenings. The club will be a great place for our residential students to relax and have fun."

Lindsey Haworth Head of Care