



Case Study

Hillview Care Home

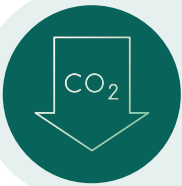
Customer	Hillview
Aelwyd Housing	Mountain Ash CF45 3SG
	UK

Impact in Numbers



£370-£450

Yearly bill savings per flat



6

Tonnes of CO₂ saved



11

Tailored SAP point increase

Additional Outcomes

- Regular automated reports
- System alerts for faults, overuse, and fuel poverty
- Funded by the Optimised Retrofit Programme in Wales
- Minimal resident engagement required
- Achieved net-zero target



Project details



15

Flats



1.9

kWp per flat



2023

Completed



£2,200

Turnkey price per flat



Wales, UK



“SolShare was the easiest and most affordable method to achieve the sustainability targets of this building.”



The Client

Aelwyd Housing Association is a non-profit organisation dedicated to providing high-quality, affordable housing solutions across Wales.

Aelwyd Housing Association prioritises the well-being and satisfaction of its residents. They are committed to implementing innovative solutions to improve energy efficiency, reduce costs, and enhance the overall living experience for their tenants.

What was the problem?

Initially, Aelwyd Housing Association planned to connect each flat in their building to solar PV using 15 individual systems. This approach was complex and expensive, and they believed it was their only option. However, after hearing about the success of SolShare installations for Wales & West Housing Authority, Aelwyd Housing Association decided to upgrade to the more affordable and better-performing SolShare solution.

What did we do?

The adoption of the SolShare system brought significant benefits to both the Housing Association and the residents. Now, every flat in the building is connected to solar in a simple and effective way. This success enabled Aelwyd Housing Association to successfully bid for subsequent rounds of the Optimised Retrofit Programme in Wales. As a result, they rolled out solar across all their apartment buildings to meet their sustainability targets.

Outcomes and Insights

The implementation of the SolShare system demonstrated its significant advantages. Aelwyd Housing Association's experience confirmed that SolShare not only improved EPC ratings and reduced electricity bills for residents but also qualified them for government funding opportunities. This facilitated the broader rollout of solar installations across their properties, helping them achieve their sustainability goals.

About SolShare

SolShare enables the direct connection of multiple flats to a single rooftop solar PV system. This breaks down the technical and ownership barriers that have historically prevented apartment residents from accessing clean and affordable energy from the sun.



5-20 Points

Typical SAP point increase



up to 40%

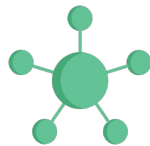
Lower electricity bills



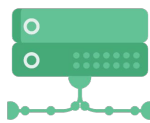
£200 per year

Developer can earn per flat

How it works



Directly connects a single solar PV system to multiple flats.



Allocates solar energy (kWp) to each flat based on EPC requirements.



Maximises solar energy consumption and bill savings.



Get Started

Book an appointment with our experts today - they will help you navigate available funding streams and accelerate your journey to net-zero!



Ramin Hakimov
Head of Business Development
ramin.hakimov@allumeenergy.com
Book a meeting

Or submit a general enquiry on our

Get Started