



Case Study

Upgrading a landlord PV system

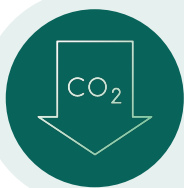
Customer | Wheatley Kelvindale Place,
Wheatley Group | Kelvindale Road, Glasgow,
UK

Impact in Numbers



£140-£170

Yearly bill savings per flat



4

Tonnes of CO₂ saved



4

Tailored SAP point increase

Additional Outcomes

- Regular automated reports
- 20 - 30% grid energy reduction
- System alerts for faults, overuse, and fuel poverty
- Minimal resident engagement required
- Achieved net-zero target



Project details



28

Flats



0.7

kWp per flat



2024

Completed



£1,400

Turnkey price per flat



Glasgow, UK



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



The Client

Wheatley Group is one of Scotland's largest housing associations, committed to providing affordable housing and improving living conditions for its residents. The organisation manages a wide range of properties, including multi-residential apartment buildings, and continuously seeks innovative solutions to enhance the quality of life for its tenants.

What was the problem?

Wheatley Group's existing PV systems, originally connected to the Landlord supply of several apartment buildings, had become ineffective. Although initially promising, the systems had become redundant due to several factors:

- Zero Bill Savings: The energy generated was used for communal areas, providing no cost savings for residents.
- No SAP Score Improvement: The systems no longer enhanced the energy efficiency ratings (SAP scores) of individual flats.
- Minimal Revenue: Low SEG prices meant minimal financial return from surplus energy.

As a result, these PV systems had become stranded assets, offering no tangible benefits to the Housing Association or its residents.

What did we do?

Allume worked with Wheatley Group to 'unplug' the existing, redundant PV system that was connected to the Landlord supply and use SolShare to directly connect it to every flat in the building. This instantly turned this stranded asset into a highly valuable one, creating bill savings for every household and providing a significant SAP uplift for every flat.

Outcomes and Insights

This project highlights a successful case of turning a redundant PV system into a valuable asset by directly connecting solar energy to individual flats, the project not only enhanced financial savings for residents but also contributed to improved energy efficiency ratings. This case serves as a model for other housing associations facing similar challenges with their PV systems, demonstrating how SolShare can lead to significant benefits for both social housing providers and their tenants. Allume are now working with Wheatley to identify other Landlord systems that can be upgraded with SolShare.

Benefits to Getting Shared Solar



5-15 Points

increased SAP
and EPC rating



up to 60%

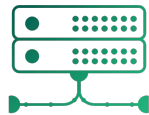
lower energy
bills



CO₂

reduced carbon
footprint

How it Works



Creates a direct connection of solar PV to
multiple flats, behind-the-meter.



Allows you to specify the exact kWp each flat
receives based on their SAP
and EPC requirements.



Sends solar power to each resident when
they need it, maximising their bill savings.



SOLSHARE

Allume

Get Started

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



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Book a meeting



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Book a meeting

Or submit a general enquiry on our website

Get Started