

Allume Energy

Meet the SolShare

The Solshare is the world's only technology for connecting multiple flats to a single rooftop solar system. It offers a simple and affordable method to improve the SAP score and EPC ratings of every flat in the building while reducing the electricity bills for the households living within them.

SolShare benefits

- Reduces every household's electricity bill.
- Qualifies for SAP 10 PV credits, typically gaining 5 – 15 points per flat.
- Increases every flat's EPC rating.
- Monitors all energy data, which can be shared under GDPR rules.
- Fault and performance monitoring - no recurring maintenance required.
- Installation time of less than 2 weeks.
- Applicable for government funding, including SHDF wave 2.
- Recognised as 'Innovation measure of substantial uplift' by Ofgem for ECO4.

Housing Association Lead Contact

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Below you can see a typical SolShare installation.

Each SolShare is paired with an inverter, in this case, a 20 kW Fronius Symo. With 15 outputs per SolShare, this installation can connect to up to 30 flats.



SolShare Case Study



RETROFIT

ADDRESS

Pendwyallt Rd,
Cardiff

NUMBER OF FLATS

24



SYSTEM DETAILS

- 2 x SolShares connected to 24 flats
- Communal batteries to all 24 flats

KWP PER FLAT

2.6 kWp of solar +
3 kWh of battery capacity per flat

PRICE PER FLAT

£6,500
(total solar system price
+ batteries)

Client Brief - Wales and West housing

The client's brief was to connect all 24 flats to rooftop solar PV and battery storage. The initial proposal was to connect an individual solar system and battery to each flat. The space requirements for 24 inverters and 24 batteries left the attic as the only place to house the equipment. This was deemed inappropriate by the client and the project ground to a halt.

Upon discovering the SolShare, the solution was able to be dramatically simplified to two inverters, two batteries and two SolShares connected to each flat. The reduction in hardware enabled the equipment to be installed next to the meter room on the ground floor, green lighting the project. The simplification also reduced the project costs by 25%.

IMPACT IN NUMBERS

15

SAP points

60-70%

grid energy
reduction

12

tonnes of CO₂
avoided

"The SolShare system seems to be a much fairer solution as the energy generated by the building can be shared equally to help our residents to keep their electricity costs down rather than going back to the grid."

-Joanna Davoile, Executive Director (Assets) at Wales & West Housing

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