



Unlocking solar for flats



New Build | Retrofit | Build-to-Rent
Developers | Social Housing

Benefits of Allume's SolShare



A cost-effective way to improve SAP and EPC ratings.



Tailored solar allocation to each flat to meet specific EPC goals.



Reduced energy bills for residents.



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 of Assets

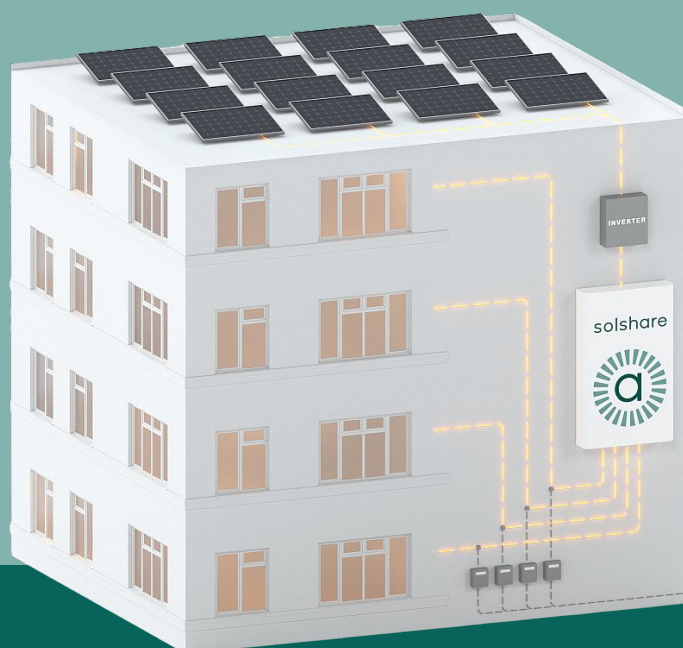


Fully automated energy and performance report sent directly to the asset owner available.



Retrofit funding available:

- SHDF
- WH:SHF
- ORP
- LLDC
- HUG
- SHNZHF
- ECO



SolShare is certified by Ofgem as a Substantial Innovation Measure, qualifying social housing for 45% more funding with ECO4.



SolCentre

Allume's automated data platform

Maximise the value of your SolShare with SolCentre's comprehensive energy monitoring and performance reporting. SolCentre is an energy management solution that's completely automated with quarterly energy performance reports sent directly to your inbox.

Benefits of SolCentre



SolCentre gives you confidence that the system is operating and performing as expected.



A fully automated report is sent directly to your inbox.



Gain insights into energy consumption and performance metrics.

Use SolCentre to reduce your system OPEX

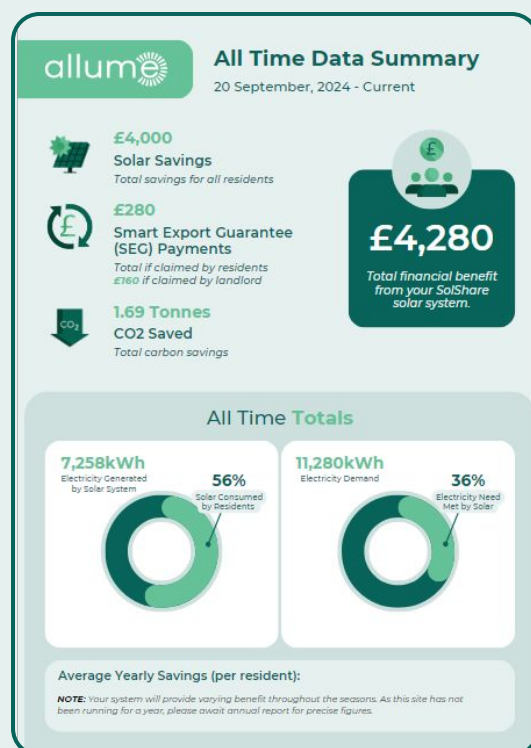
Leveraging AI, SolCentre proactively monitors your system's performance, detecting faults and underperformance issues in real time.

Eliminate the guesswork in maintenance - SolCentre informs you when your system needs attention.

Included in your reports:

- Energy data for each flat
- Bill & CO₂ savings per flat
- Alerts for system faults or underperformance

Get in touch with the team to learn more



Tailorable solar allocation for flats



By allocating the specific kWp of solar energy to each flat, you can add the exact SAP points required to achieve your EPC goals.

Why customise kWp allocation:



Reduce costs and require less roof space by needing less panels.



It's a simple and highly effective tool to solve SAP and EPC disparity across the building.



SolShare maximises the efficiency of your solar PV system.

In this example, SolShare uplifted all flats from a varying **EPC C** to an equitable **EPC B**.

Flat Type	Without SolShare		With SolShare			
	SAP Rating	EPC Band	kWp Allocation	SAP Score Increase	New SAP Rating	New EPC Band
2 Bed Top Floor	72	C	1.5	9	81	B
2 Bed Mid Floor	77	C	1	5	82	B
2 Bed Ground Floor	72	C	1.6	9	81	B
1 Bed Top Floor	76	C	1	6	82	B
1 Bed Mid Floor	80	C	0.5	2	82	B
1 Bed Ground Floor	75	C	1	7	82	B



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%

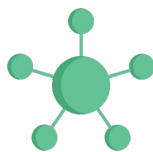
Lower
electricity bills



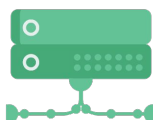
£200 per year

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.







Case studies

New Build | Kent, UK





-  30 flats
-  2 - 9 tailorable SAP point increase
-  £200-£250 yearly bill savings per flat
-  7 tonnes of CO₂ saved



Retrofit | Bexhill-on Sea, UK

-  27 flats
-  11 tailorable SAP point increase
-  £340-£420 yearly bill savings per flat
-  11 tonnes of CO₂ saved

Solar + Batteries | Barry, UK

-  35 flats
-  8 tailorable SAP point increase
-  £310-£380 yearly bill savings per flat
-  11 tonnes of CO₂ saved



This is an exciting first-of-its-kind project for Wales and exactly the type of thinking we need to see within the housing sector.

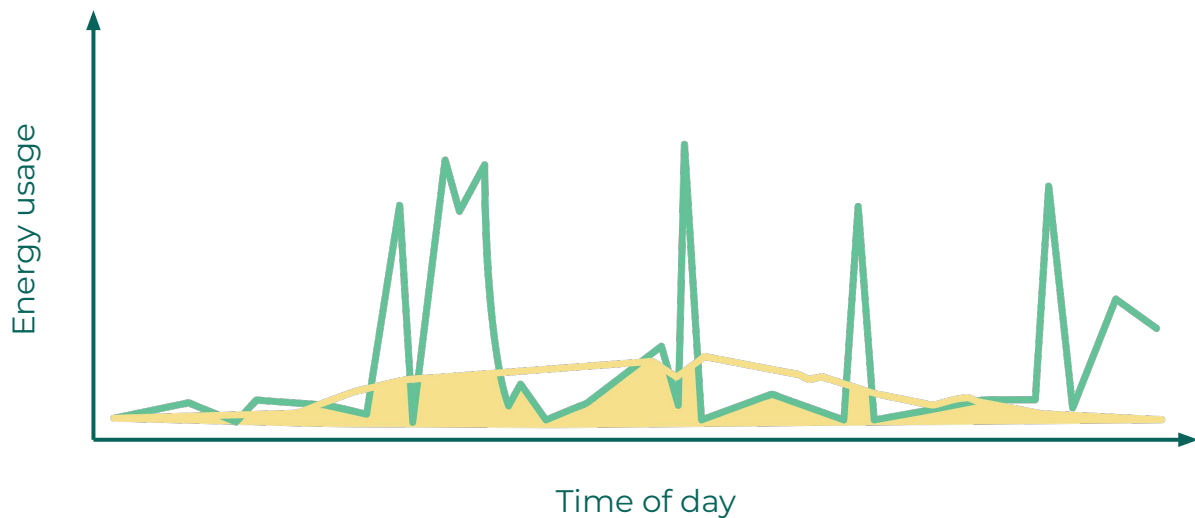
Julie James, Climate Change Minister, Wales

[KEEP READING](#)



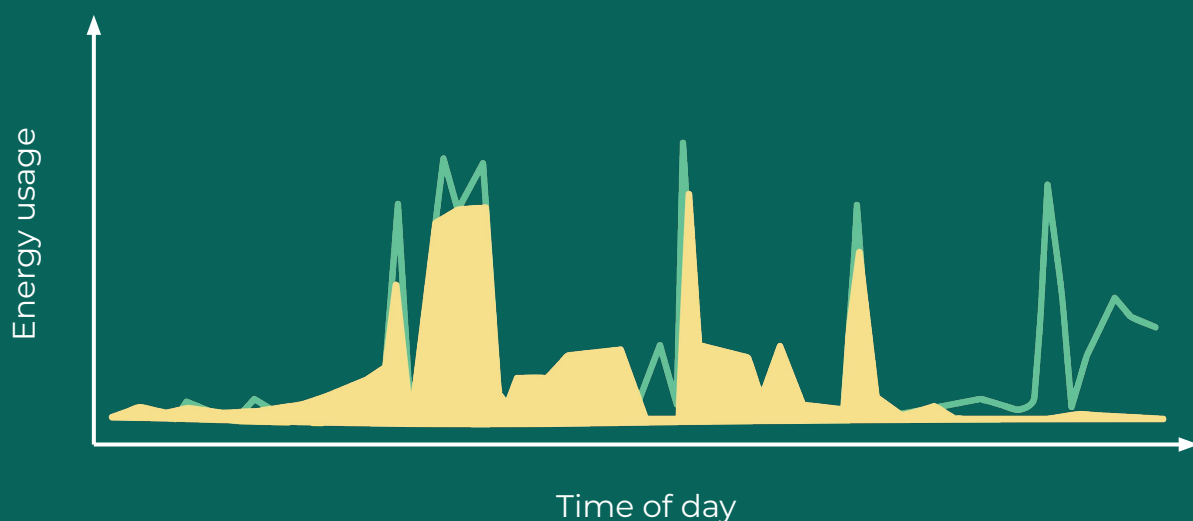
Traditional Solar System - Solar Delivery

Graphs show energy demand vs. solar delivery with a single solar system delivering to a single household. Most of the energy is fed back into the grid.



SolShare Solar System - Smart Delivery

SolShare feeds electricity to flats when they are using it, leading to **10–15% higher bill savings** on average compared to traditional systems.



Get Started

Allume can provide a free assessment on your portfolio, that will include indicative bill savings, SAP/EPC uplift, indicative costs or how much funding is available.

If you're a social housing provider, please contact:



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[Book a meeting](#)

If you're a property developer, please contact:



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[Book a meeting](#)

2020



**Clean Energy Council
Innovation Award
Winner**

2021



**Start Up Energy
Transition Awards
Winner**

2022



**Energy Innovation
Awards
Winner**

2023



**Housing Digital
Innovation Awards
Winner**

2024



**CCBJ Climate
Change
Resilient
Infrastructure**