



Case Study

SolShare saves the day in Manchester

Impact in Numbers



B to A

EPC band uplift
for all flats



1

Tailored SAP
point increase

Additional Outcomes

- Increased the EPC rating of each flat from B to A, by allocating kWp on a per 100 watt basis.
- Improved carbon savings and reduced running costs of the building.
- Enhanced asset ratings, and future-proofed the property against rising energy prices.



Project details



10
Flats



1
SolShare unit



2.0
Solar capacity (kWp)



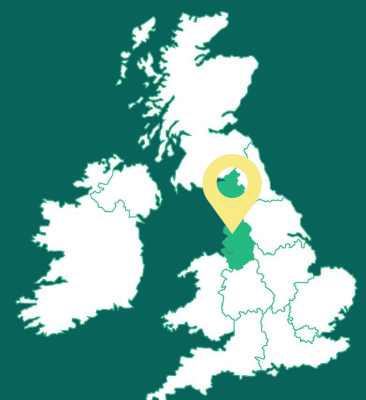
0.2
kWp per flat



2023
Completed



£1,300
Turnkey price
per flat



Manchester, UK



"Allume's SolShare got us out of the serious problem that we found ourselves in just three weeks before hand over. Without SolShare boosting the flats by 1 SAP point we would have been having some very difficult conversations."

Project Manager



The Client

The client faced a significant challenge just three weeks before the scheduled completion of their new residential project. This development consisted of several flats, all of which were targeting an EPC rating of A.

What was the problem?

Allume received an urgent call from a client facing a critical issue. With only three weeks left until project completion, a review revealed that 10 of the flats were just 1 SAP point short of achieving the targeted EPC A rating. The initial solution considered was installing individual PV systems for each flat, but this proved impractical due to insufficient roof space to accommodate 10 panels. Additionally, there was no suitable space inside the flats to install the necessary PV hardware.

What did we do?

SolShare provided the perfect solution to these challenges. By allowing kWp allocation on a per 100-watt basis, only 6 PV panels were needed, which fit within the available roof space. Additionally, the system required no hardware inside the flats. Within the tight 3-week timeframe, the SolShare system was designed and installed, successfully boosting every flat to an EPC A rating.

Outcomes and Insights

The implementation of the SolShare system was a resounding success. All 10 flats achieved the necessary EPC A rating, with each flat gaining the critical SAP point needed. The client was able to complete the project on time, avoiding potential penalties and maintaining the development's market value.

Benefits to Getting Shared Solar



5-15 Points

increased SAP
and EPC rating



up to 60%

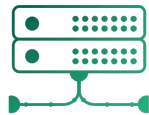
lower energy
bills



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

Tailorable kWp to each flat

See how SolShare gets the most from your solar PV system

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

Benefits of specific 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.

This table shows how modular house builder TopHat have specified the exact kWp to each flat to bring them all from a varying EPC C to a level EPC B.

Flat Type	Without SolShare		With SolShare			
	SAP Rating	EPC Band	kWp Allocation	SAP Score Increase	New SAP Rating	New EPC Band
2B4P Top floor	72	C	1.5	9	81	B
2B4P Mid floor	77	C	1	5	82	B
2B4P Ground floor	72	C	1.6	9	81	B
1B2P Top floor	76	C	1	6	82	B
1B2P Mid floor	80	C	0.5	2	82	B
1B2P Ground floor	75	C	1	7	82	B

Get Started

Book an appointment with our experts today - they will provide a free assessment for your project that will demonstrate the SAP uplift for each flat and indicative costs.



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Book a meeting

Or submit a general enquiry on our website.

Get Started