



# NSW Funding **Solar for Apartments (SoAR)**

February - **2025**



# Meet your **Host**

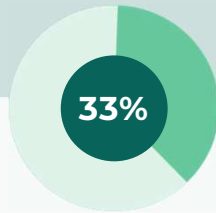


**William Anstee**

Housing Partnerships Manager



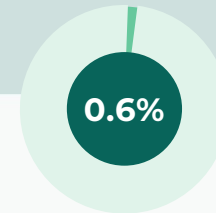
Australia leads the world in rooftop solar, but not everyone has had access.



- ✓ Lower electricity bills
- ✓ Lower carbon footprint



In Australia, our homes have a higher solar penetration than any other country.



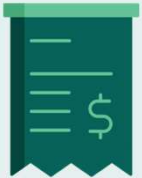
- ✗ No ability to take control of their electricity



But our apartment residents have been missing out.



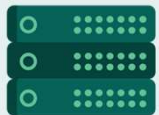
# Why have apartments been left behind in the **clean energy transition**?



Individual systems are financially and structurally prohibitive.



Utility-led solutions are not widespread or scalable.



A single shared system has not been possible.



# SolShare unlocks solar for apartment residents

The world's first **behind-the-meter** solar sharing solution.



*See what the Allume solution means to apartment residents*



# How Allume **shared solar** works



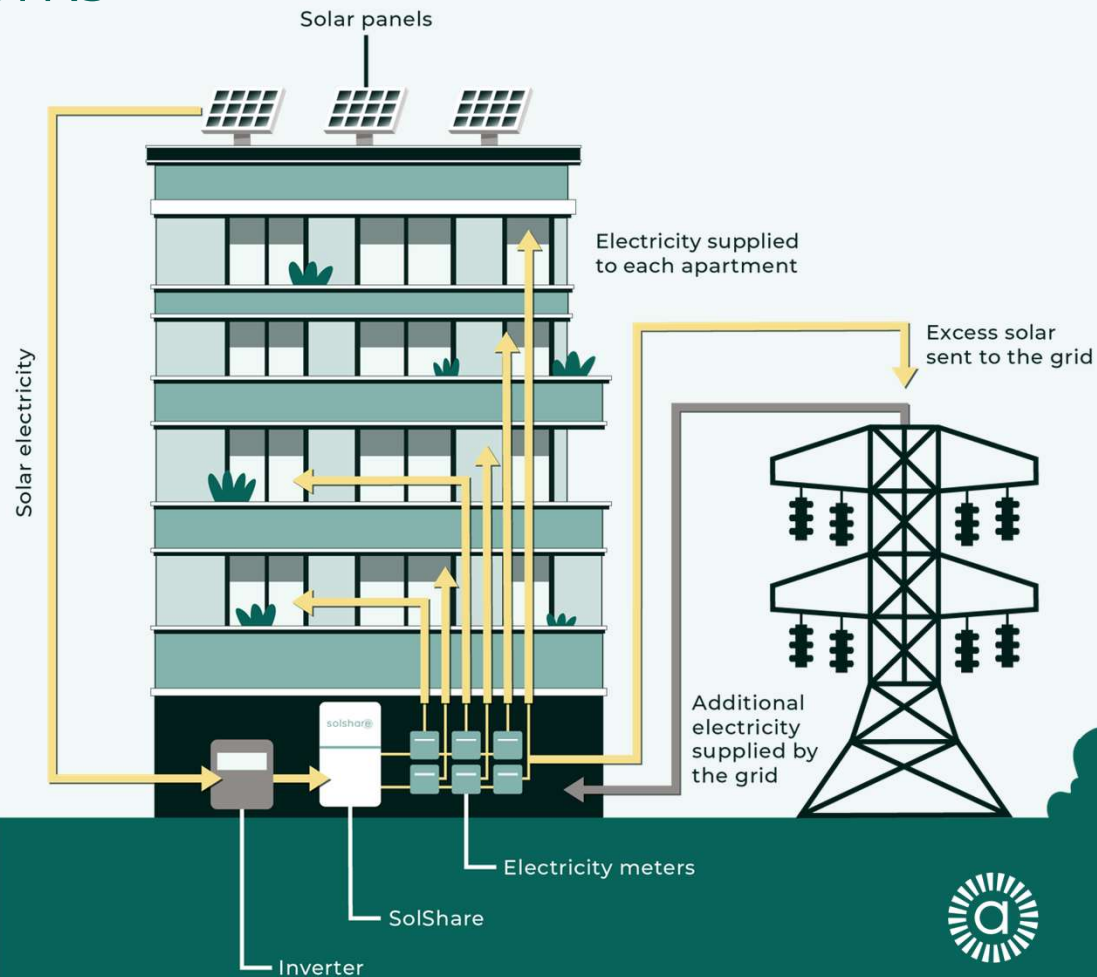
Physically splits the solar energy from a shared solar system and allocates it fairly to apartments.



Ensures solar energy consumption is maximised on-site and as little as possible is fed back to the grid.



Allows residents to easily monitor and manage the system securely from anywhere in the world.



# Maximising savings by sending allocations to residents **when they need it**



Reallocates solar 5 times per second.



Ensures each unit gets an even allocation every month, but prioritises sending it when they are actively using electricity.

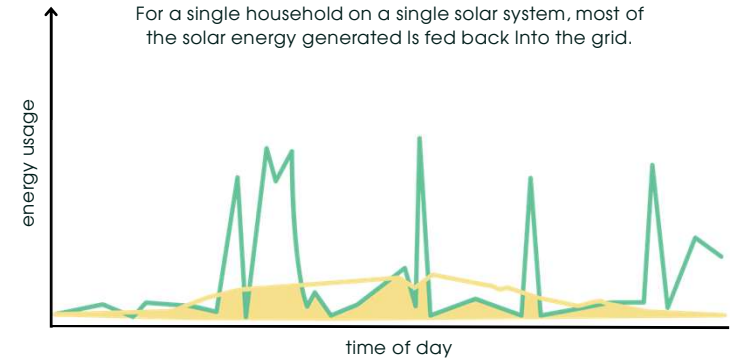


Up to 55% more solar is consumed on-site, compared to each apartment having an individual solar system.

Solar power consumed is **20-40% higher** with SolShare than with individual systems

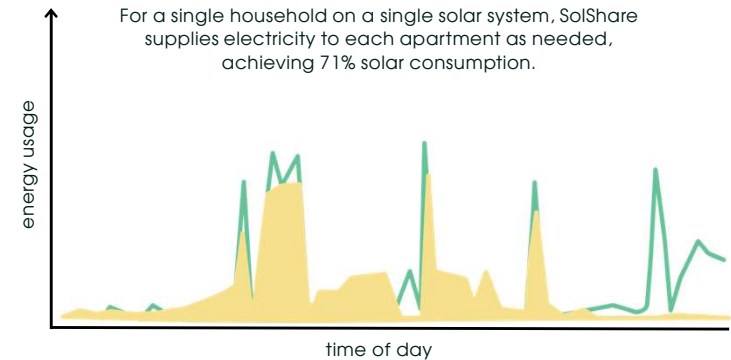
## Traditional Solar System vs Energy Demand

For a single household on a single solar system, most of the solar energy generated is fed back into the grid.



## SolShare Solar System vs Energy Demand

For a single household on a single solar system, SolShare supplies electricity to each apartment as needed, achieving 71% solar consumption.



# What types of buildings can install **SolShare**?

SolShare can be installed on a variety of buildings types. The key being that there must be multiple homes located within an encompassing strata title. Some common terminology for these building types are; units, apartments, townhouses, flats.

## **Residential**

- 5 – 60+ apartments per building
- Suitable roof area allowing for 1kW+ (4m<sup>2</sup>) of solar per tenancy connected (noting peak solar access can be up to 6.6kW with this allocation)
- Common Light & Power can be connected (up to 20kW solar)

## **Mixed use**

It is very common to include commercial tenancies within residential buildings for SolShare.

Buildings can be split into multiple sub-buildings, roof types, meter board locations etc, Allume can provide guidance on suitability prior to getting a solar installer out to site.





# Meter Panel **Upgrades**



Likely to need a meter panel upgrade

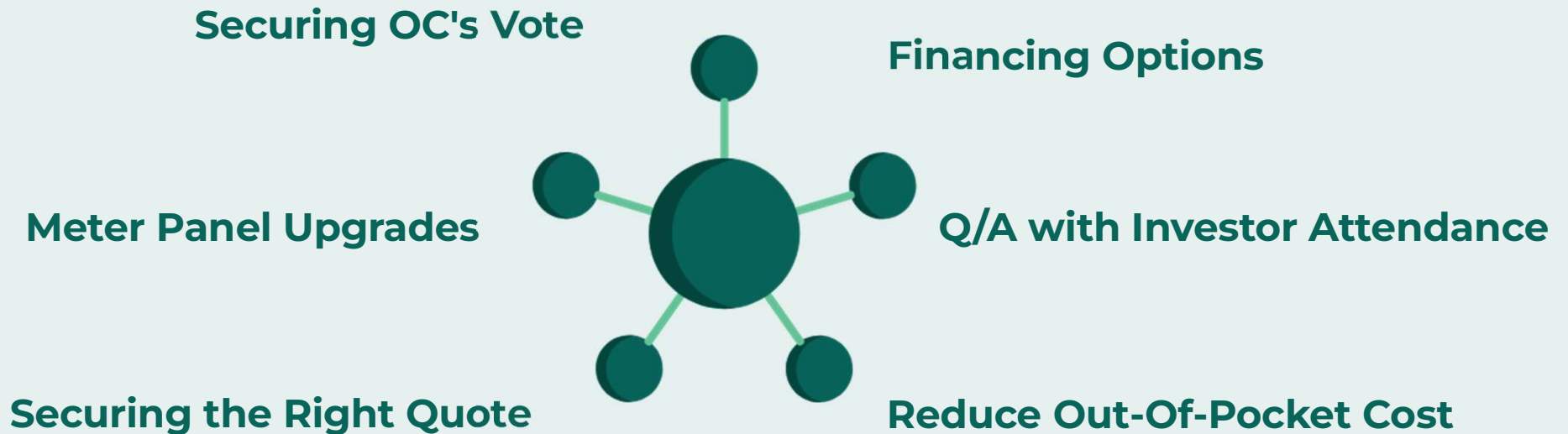


Unlikely to need a meter panel upgrade

- Allows for solar to be installed
- Improved safety, reliability and compliance, insurance
- Offers option for addition of further circuits in future, e.g., EV chargers
- Can wire solar directly to each apartment if cost is prohibitive for meter panel upgrade



# Tips to **Secure Solar** Sooner

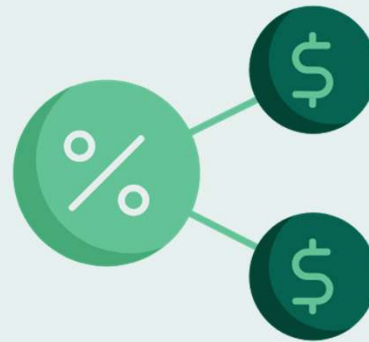


# Financing Options



## Maintenance Fund

Existing funds set aside for upgrades and maintenance.



## Special Levy

New funds provided by owners (proportional to lot entitlement) to fund solar.



## 3rd Party Finance

Strata finance to fund upfront cost of solar (e.g., variable rate, 7-year term).

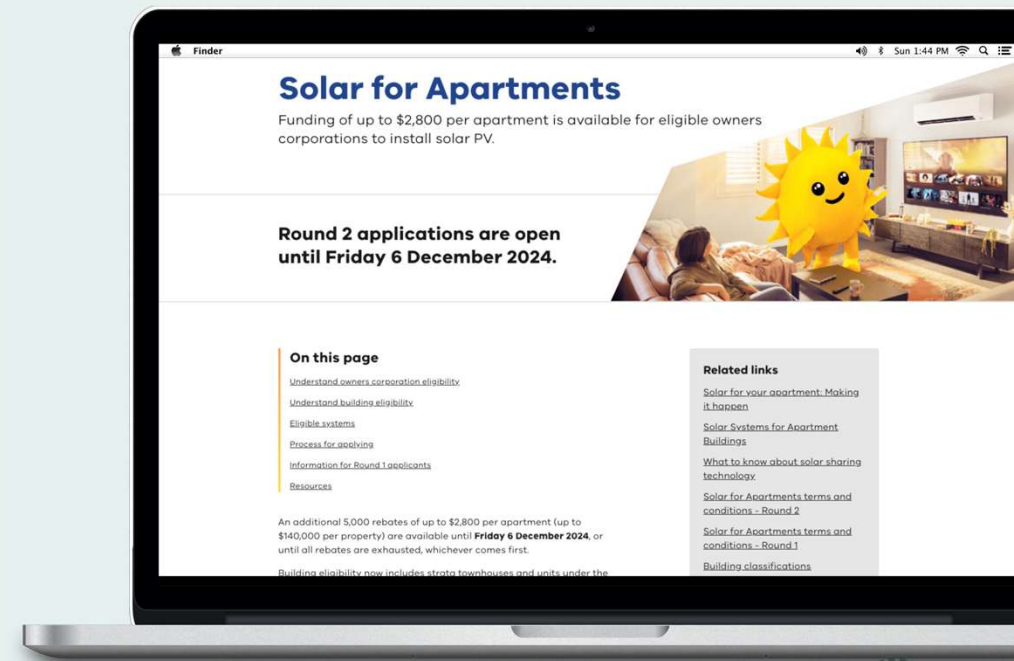


# NSW Solar for Apartments

## Overview

### Key Factors

- Impending release at beginning of 2025 (likely February)
- Likely 50% of total asset cost funding for apartments buildings
- 10,000+ households to be funded
- \$30 million of funding released so far



Thank You!



[allumeenergy.com.au](http://allumeenergy.com.au)

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