

SolShare case study



Folia Apartments by Mirvac is nestled within Tullamore, Doncaster's most prestigious community, surrounded by established parkland and abundant amenity. Committed to creating sustainable living environments for residents to enjoy, Mirvac have implemented forefront technology in Folia allowing the Prestige and Penthouse Apartment residents to share a single set of solar panels and distribute solar power in a manner that optimises the financial benefit to all connected residences.

AT A GLANCE

-  **Project:** Folia Apartments of Tullamore
-  **Location:** Doncaster, Victoria, Australia
-  **Project type:** new build
-  **Completed:** 2021
-  **Developer:** Mirvac
-  **Connected Apartments:**
39 prestige and penthouse apartments
-  **Size of solar system:** 70 kW

PROJECT LOCATION



OUTCOMES FOR PARTICIPATING RESIDENTS

In the first nine months, participating units saw on average:

2
tonnes of
CO2 saved

-30%
grid consumption
reduction

~\$300
electricity bill
saving

SOLAR VS GRID ELECTRICITY

Without the SolShare

If each apartment had its own small rooftop solar installation, then most of the solar electricity generated is sent to the grid instead of the apartment (the green shaded area).



With the SolShare

The SolShare ensures solar electricity is sent to the apartments that are using power at that time. This maximises solar use in the apartments (the yellow shaded area) and reduces electricity bills as much as possible.



We were attracted to the Folia building in Doncaster because of its impressive sustainability features, particularly the latest rooftop solar technology. We enjoy having some energy independence and contributing to climate action.

– Jackie & Rod, residents at Mirvac Folia, Tullamore