SolShare Case Study

Botany Apartments is a community comprising 23 upmarket townhouses and 4 apartments that embraced smart energy technologies including shared solar.

AT A GLANCE

- **Project:** Botany Apartments
- **Location:** Botany, NSW
- **Project type:** Retrofit to existing apartment building
- **Completed:** 2021
- **Installer:** Energus
- **Connected Apartments:** 27
- **Size of solar system:** 60kW AC

PROJECT LOCATION

OUTCOMES FOR PARTICIPATING RESIDENTS FROM 1 JULY 2021 TO 30 JUNE 2022

Participating apartments saw on average:

1.9	36%	$492
tonnes of CO_2 saved	grid consumption reduction	electricity bill savin*

* Assuming residents are on the AGL Solar Saver plan

info@allumeenergy.com · www.allumeenergy.com · +61 (0) 3 9427 0005

ON-SITE CONSUMPTION OF ROOFTOP SOLAR IS

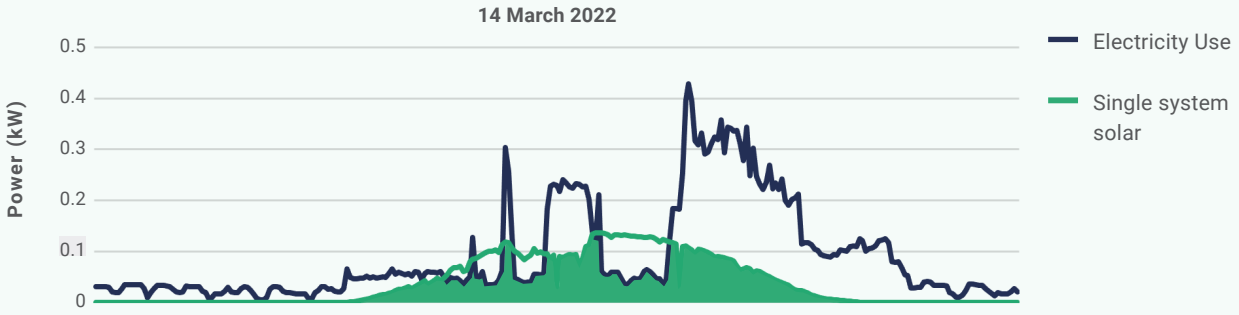
15.4%

higher than it would have been
if individual systems were deployed for each
townhouse and apartment.

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.