

# SolShare Case Study



The Edgewater Apartments overlooks beautiful Pittwater in Sydney's north. In 2020 the apartment community decided to install rooftop solar to reduce electricity bills and dependence on the grid. 22 of the 32 apartments in the building signed up for solar.

## AT A GLANCE

-  **Project:** Edgewater Apartments
-  **Location:** Bayview, NSW
-  **Project type:** Retrofit to existing apartment building
-  **Completed:** 2021
-  **Installer:** Atlas Renewables
-  **Connected Apartments:** 22
-  **Common light and power:** 2 common

## PROJECT LOCATION



## OUTCOMES FOR PARTICIPATING RESIDENTS OVER THE FIRST YEAR OF OPERATION

Participating apartment saw on average:

**22%**  
reduction of consumption  
from the grid

**\$325**  
saved on  
electricity bills

**1.3**  
tonnes CO<sub>2</sub>  
saved

The common areas benefited from:

**36%**  
reduction of consumption  
from the grid

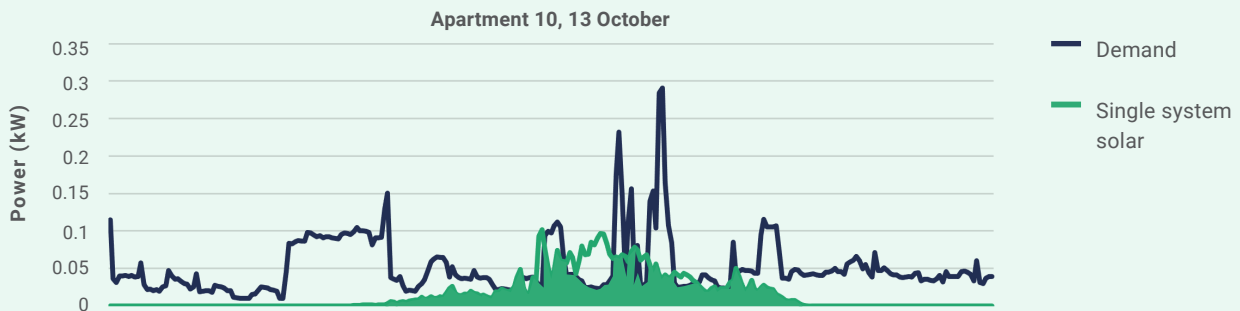
**\$4,960**  
saved on  
electricity bills

**18.9**  
tonnes CO<sub>2</sub>  
saved

## 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.

