

Flinders Community Battery



Mornington Peninsula Shire

Background

The Flinders community battery project was initiated by Flinders Zero Carbon Community (FZCC) to promote solar uptake and reduce the community's emissions. The project was funded by the Federal Government's 'Community Batteries for Household Solar initiative' and Mornington Peninsula Shire. The 360kWh battery can support up to 100 households and acts as a solar sponge, storing excess solar in the daytime for evening use.

The battery:

- Lowers emissions from electricity use
- Stores and redistributes excess solar energy from local rooftops
- Shares benefits across all properties, not just those with rooftop solar

Any revenue generated from the battery will flow to a Community Benefit Fund to subsidise solar for less advantaged households on the Peninsula.



Artwork: 'Bush Currant'

By Glenn Shaw, a proud Bunurong (Victoria) and Plangermairreenner (Tasmania) man. Bush Currant represents the shrub that grows in coastal zones around the country, as well as the Bunurong connection to water, the 7 seasons of the Kulin Nation and the main ancestor.

Virtual Energy Network

FZCC's next big initiative is to establish a Virtual Energy Network for Flinders which will allow residents to share solar with other households or businesses and even allow those with holiday homes to share energy from their holiday home back to their main residence. This initiative aims to reduce their household energy costs and secure greater returns for their excess energy whilst reducing Flinders emissions.



Bulk Buy Initiative

Alongside the battery launch, FZCC also ran the Flinders Community Bulk Buy Initiative resulting in the installation of: 10 solar systems (total PV size 112.2kw), 1 battery, 4 induction stoves, 12 hot water heat pumps, 2 reverse cycle air conditioners, 2 EV chargers and 1 pool heat pump.

Want to learn more?

www.flinderszero.org.au

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