

# YARRA ENERGY FOUNDATION



Community Energy Congress – Electrify Everything Panel

Follow us



information@yef.org.au | 03 7037 6040

# Who are we?

The Yarra Energy Foundation (YEF) are a small not-for-profit organisation working towards a zero-carbon future.

We work with governments and communities to reduce energy expenses and emissions across Australia.



Photo of our [Fitzroy North community battery](#), the first inner-urban community battery in Australia.

# Council funded programs

- These programs aim to break down common obstacles the community faces:
  - **Confusion/lack of knowledge**
  - **Upfront costs**
  - **Uncertainty about installers**
- **Education is vital** – energy consulting, web content, information sessions
- Call back to residents that installed through the programs (and those who didn't) to continually **improve program offerings and processes.**

**YARRA  
ENERGY  
FOUNDATION**

# Electrify Everything

(City of Bayside)

In partnership with and funded by Bayside City Council in FY23-24 (and likely to continue).

Through this program, Bayside residents are offered **high quality products** with **leading warranties** installed by a **pre-vetted one-stop-shop** installer.

- **Hot Water Heat Pumps** - Reclaim & Apricus
- **Split System Air Conditioners**
- **Induction Cooktops**

# So far...

- 205 registrations
- 100 quotes sent
- 33 installations (including some full electrification)
- Over \$175,000 invested into clean technologies

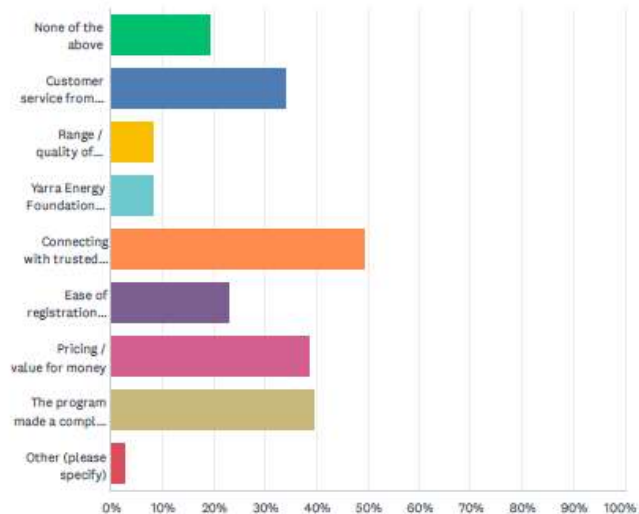
**YARRA  
ENERGY  
FOUNDATION**

# Hume Solar Rollout (City of Hume)

# Community survey

Q3 Please select up to three aspects of your experience with the Hume Solar Rollout that you consider the most positive.

Answered: 109 Skipped: 0



ANSWER CHOICES	RESPONSES	
None of the above	19.27%	21
Customer service from Green Home Green Planet	33.94%	37
Range / quality of products available	8.26%	9
Yarra Energy Foundation consultation and support	8.26%	9
Connecting with trusted providers through a Council program	49.54%	54
Ease of registration and available information	22.94%	25
Pricing / value for money	38.53%	42
The program made a complex purchase easier	39.45%	43
Other (please specify)	2.75%	3
Total Respondents: 109		



# Helping vulnerable residents

- Worked with Council to integrate a **concession card rebate**
- Those most vulnerable can install a small solar system (3.08kW) through the program for as little as **\$100 out-of-pocket**.
  - *This is including the \$1,400 NIL*

## STANDARD SYSTEM (GOODWE)

SYSTEM SIZE IN KILOWATTS (KW)	STANDARD SYSTEM PRICE	PRICE AFTER VIC GOV REBATE AND LOAN	CONCESSION CARD HOLDER PRICE
3.08	\$3,820	\$1,020	\$100
4.4	\$4,725	\$1,925	\$1,075
5.28	\$5,430	\$2,630	\$1,780
6.6	\$6,385	\$3,585	\$2,735

# So far...

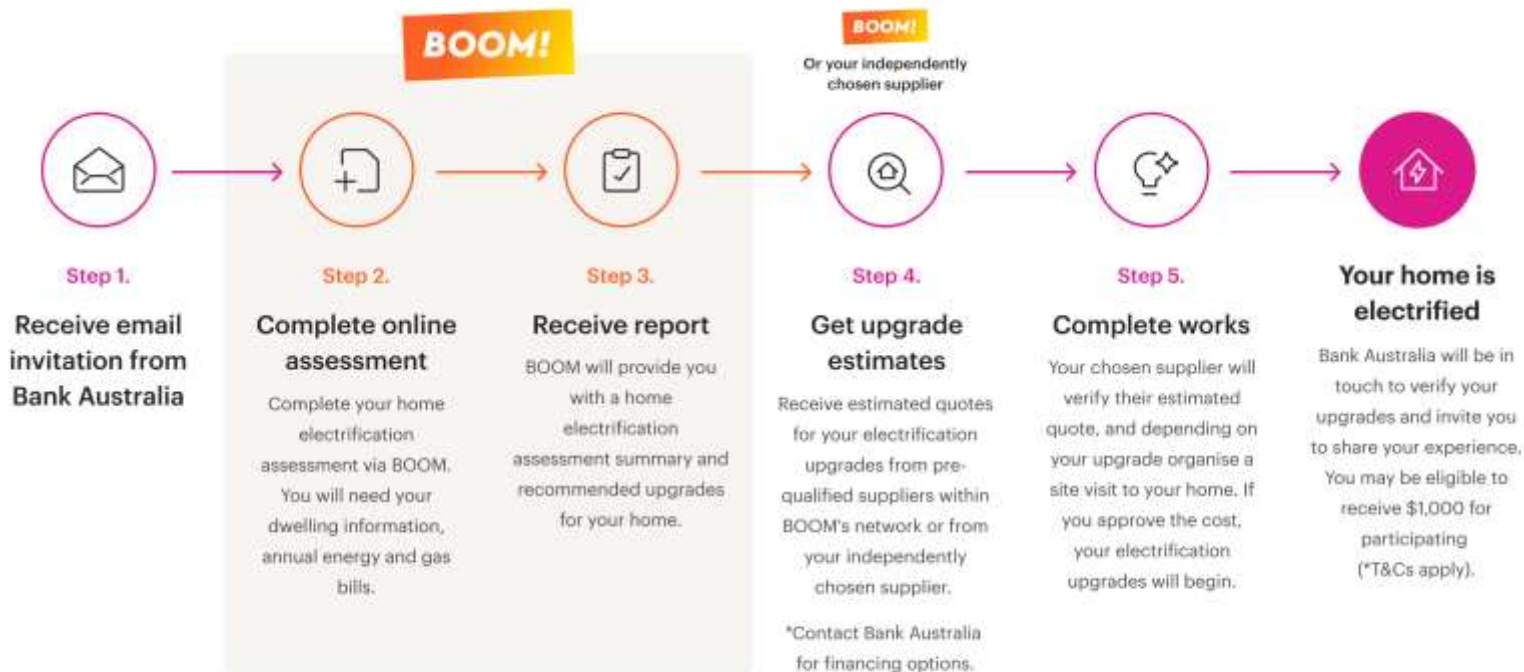
- 981 registrations
- 278 solar systems installed
- 1.3MW installed solar capacity
- Nearly \$2 million total renewable energy investment
- Over 1,300 tonnes (CO<sub>2</sub>e) of annual greenhouse gas emissions reductions by the Hume community.
- Estimated annual \$270,000 in cost savings to Hume community members.

**YARRA  
ENERGY  
FOUNDATION**

# Bank Australia: Electrify Your Home Pilot



# Customer Journey



# So far....

- *Largest driver to go electric is reducing carbon footprint (46%) followed by reducing bills (37%).*
- *The biggest barrier is the upfront cost of new appliances and installation (66%).*
- Over 270 customers used BOOMPowerto receive a household energy assessment.
- 98 customers have explored quotes in the BOOMPowerto marketplace
- Over 60 have requested quotes from suppliers.

**YARRA  
ENERGY  
FOUNDATION**

# Wired for Tomorrow

A Glimpse into the Future of an All-Electric Precinct in  
the City of Yarra

*Funded by Yarra City Council*

# Project context

- Council has net-zero target - looking for ways to achieve **100% renewable energy usage** (electrification).
- We need widespread increase of **localised, community energy systems** and distributed energy resources.
- Develop and deliver knowledge to **guide future work in accelerating and replicating all-electric precincts.**
  - *Vision & roadmap for community + stakeholders*
  - *Report of recommendations to Council to fast track this vision*
- **The community is at the heart of the transition!**

# YEF has/is...

- Selected a **geographically bound precinct** to create this all-electric vision.
- Engaging with the **community** in and around this precinct to:
  - Work with and mobilise the existing community group Electrify3068
  - Gain local insights and test assumptions
  - Present an example of what working toward an all-electric future looks like in a *real* area of Yarra.
- Working with industry experts via industry reference group
- Inspire communities across Yarra with an **accessible, replicable, and inspiring** vision of an electrified future.



## The impact of this project...

Yarra City Council will have a compelling vision to **inspire communities** and **internal stakeholders** to take steps towards electrification.

Outputs can be used to **guide community climate action** and **advocacy** to further enable electrification.