

Yarra Energy Foundation

yef.org.au

For a zero-carbon future

YARRA ENERGY FOUNDATION



Fitzroy North – Community Battery

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What is a community battery?

1. A giant power bank
2. Size: wardrobe to a shipping container
3. Connected to the grid
4. Suited to a neighbourhood up to about two hundred homes
5. Can benefit all energy users

What do they do?

1. Remove network constraints and enable more solar
2. Reduce 'solar waste'
3. Enables greater access to renewable energy
4. Lowers cost of electricity
5. A better storage solution than household batteries

Yackandandah's community battery may not be 'big' but it's enough to 'petrify' energy providers

The Business / By Emilia Terzon
Posted Mon 24 May 2021 at 5:13am, updated Mon 24 May 2021 at 10:13am



Menu

Federal Labor promises to slash taxes for electric vehicles, build community batteries

Michael Mazengarb 30 March 2021 38





Implemented



Coming soon

2. Ausgrid
3. YEF Solar Sponge
4. ENOVA 'beehive'
5. Energy Innovation Co-op
6. Powercor, Tarneit
7. City of Melbourne



Australia

WESTERN
AUSTRALIA

NORTHERN
TERRITORY

QUEENSLAND

SOUTH
AUSTRALIA

Jacka, ACT
(market
sounding)

NEW SOUTH
WALES

Adelaide

Great
Australian
Bight

VICT

Melbourne

Brisbane

4

2

ACT

3,5,6,7

Perth

Sydney

1. Western
Power/Synergy+
13 community batteries



Funded by



Environment,
Land, Water
and Planning

**YARRA
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FOUNDATION**



Australian
National
University



Battery Storage and
Grid Integration
Program
An initiative of The Australian National University

The Yarra Community Battery Project

Learn more



www.yef.org.au/community-batteries



Provide your feedback via a short survey

bit.ly/39728Qo

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Neighbourhood Survey

ANSWER CHOICES	RESPONSES	
Ability to access a local battery without the upfront costs of buying one	76.92%	10
More renewable electricity for local energy users	69.23%	9
More affordable prices for renewable electricity	84.62%	11
Additional savings for those with solar panels	76.92%	10
More locally-produced renewable energy	61.54%	8
Reduced greenhouse gas emissions	84.62%	11
Future proof my property's energy supply	0.00%	0
Reducing pressure on the electricity network	61.54%	8
Improved energy reliability	0.00%	0
Share excess solar electricity with my neighbours	61.54%	8
Greater incentives for more solar installations	46.15%	6
Other (please specify)	Responses	0.00% 0
Total Respondents: 13		

Neighbourhood Survey

Q10

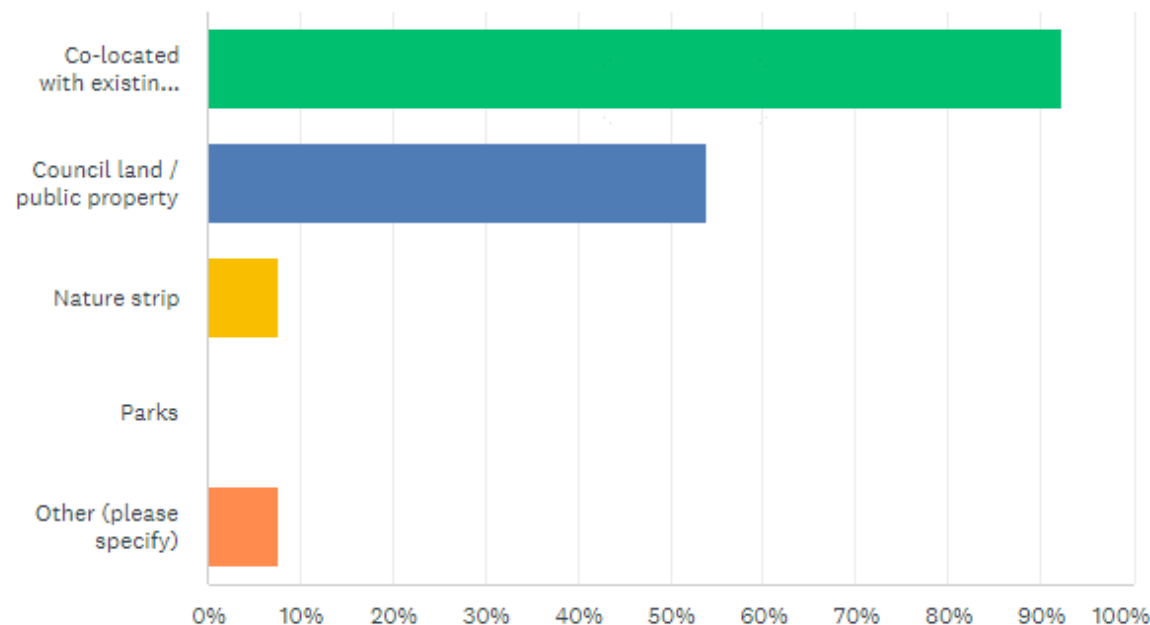


Customize

Save as ▼

Where would you consider to be appropriate sites for a neighbourhood battery?

Answered: 13 Skipped: 0



Neighbourhood Survey

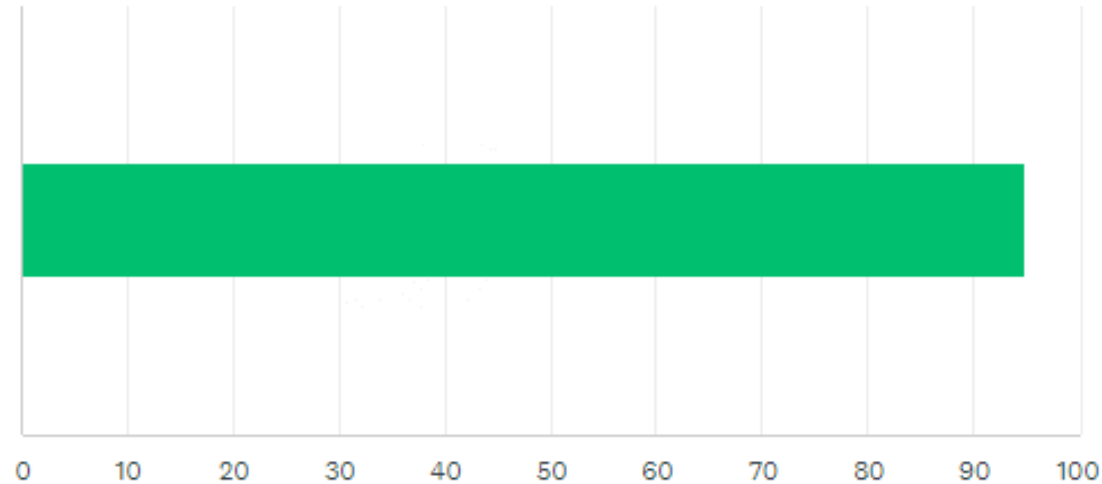
Q16

Customize

Save as ▼

Overall, how supportive are you of having a community battery installed in your neighbourhood? (0 = not supportive at all, 5 = neutral, 10 = extremely supportive)

Answered: 13 Skipped: 0



Next steps

- Community Reference Group
- ~5-7 members
- Attend a couple of meeting with the project team through **November (possibly into early December)** to finalise decisions on
 - 1) location
 - 2) visual aspects