

YARRA ENERGY FOUNDATION



North Fitzroy Community Presentation – October 2021

www.yef.org.au

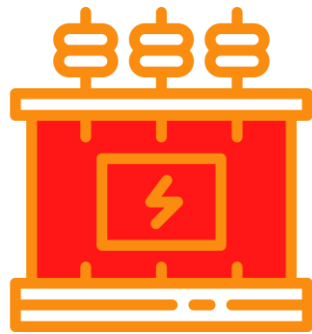




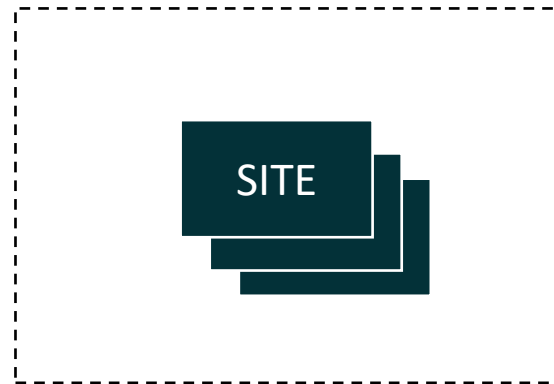
The Yarra Community Battery Project

Main Selection Criteria

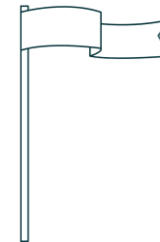
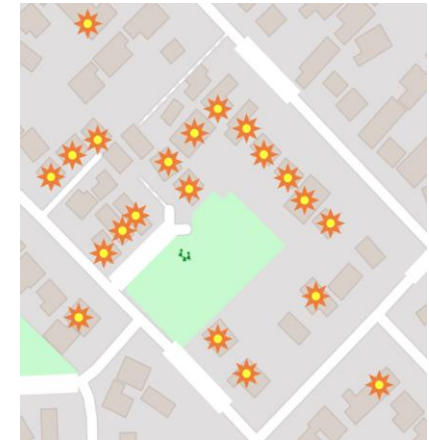
Network Overload



City of Yarra



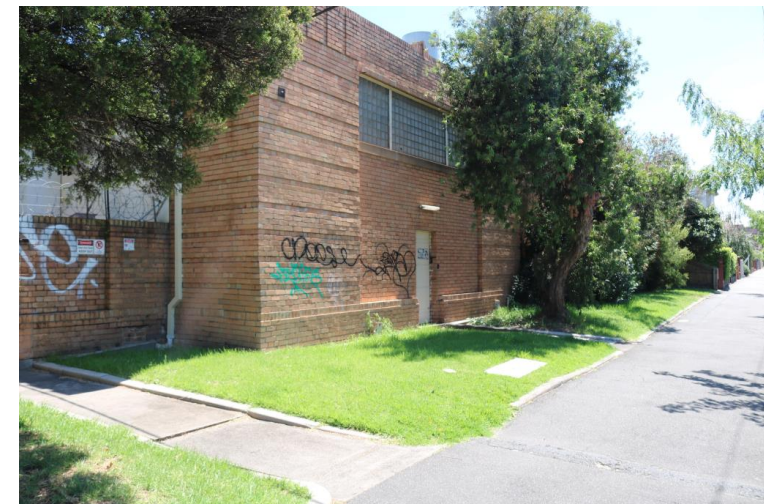
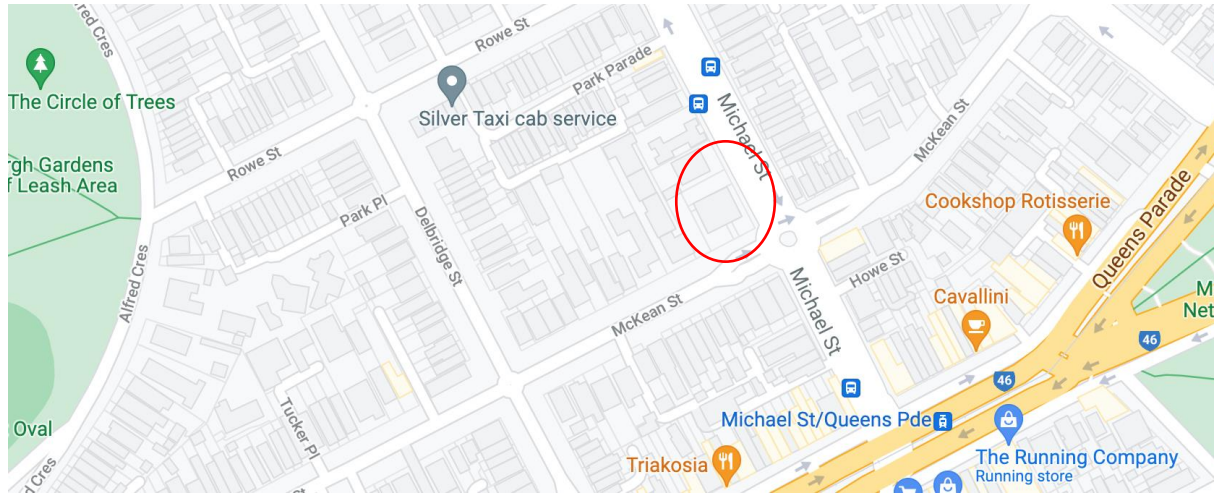
Solar Cluster



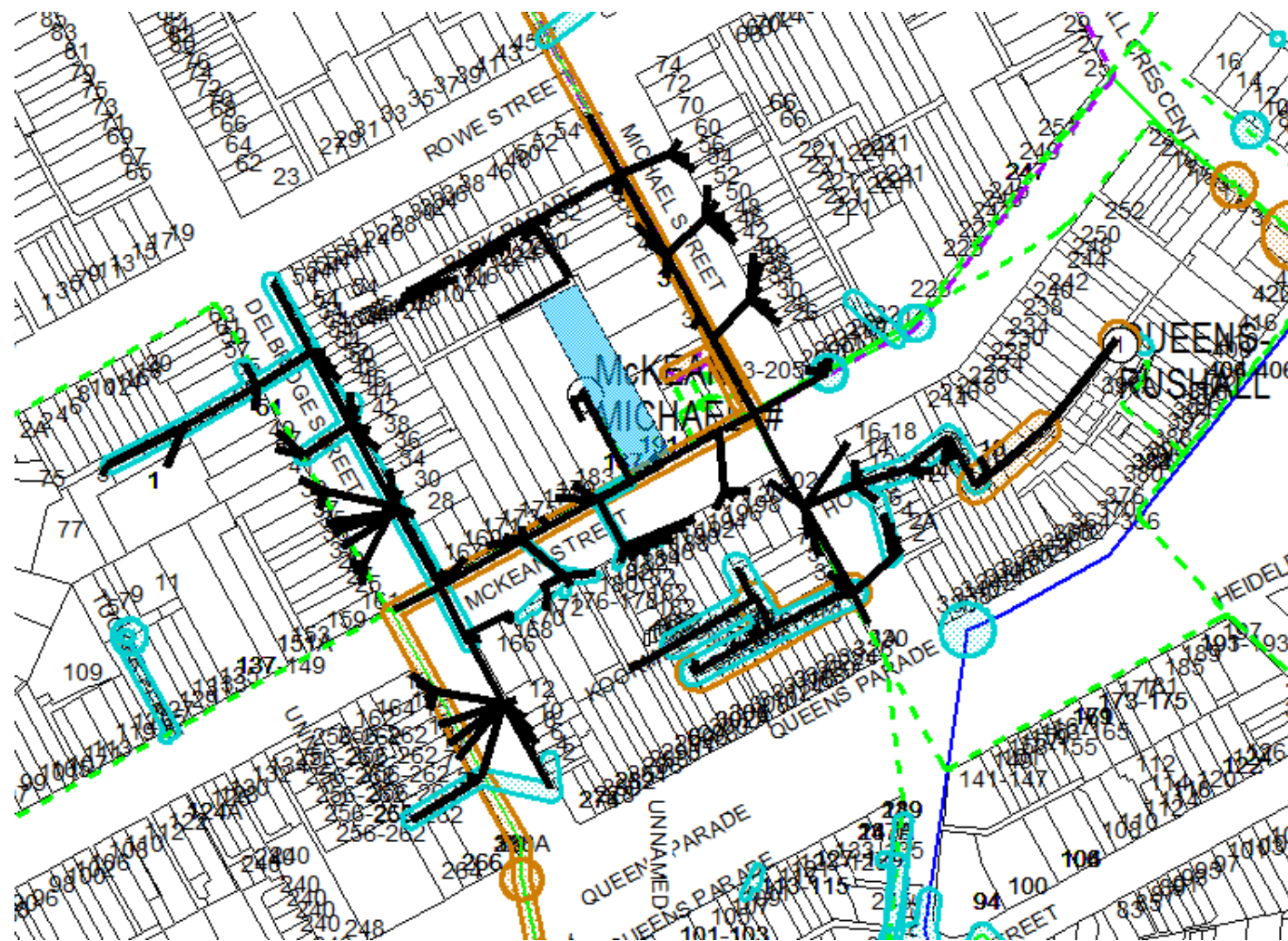
Land Ownership



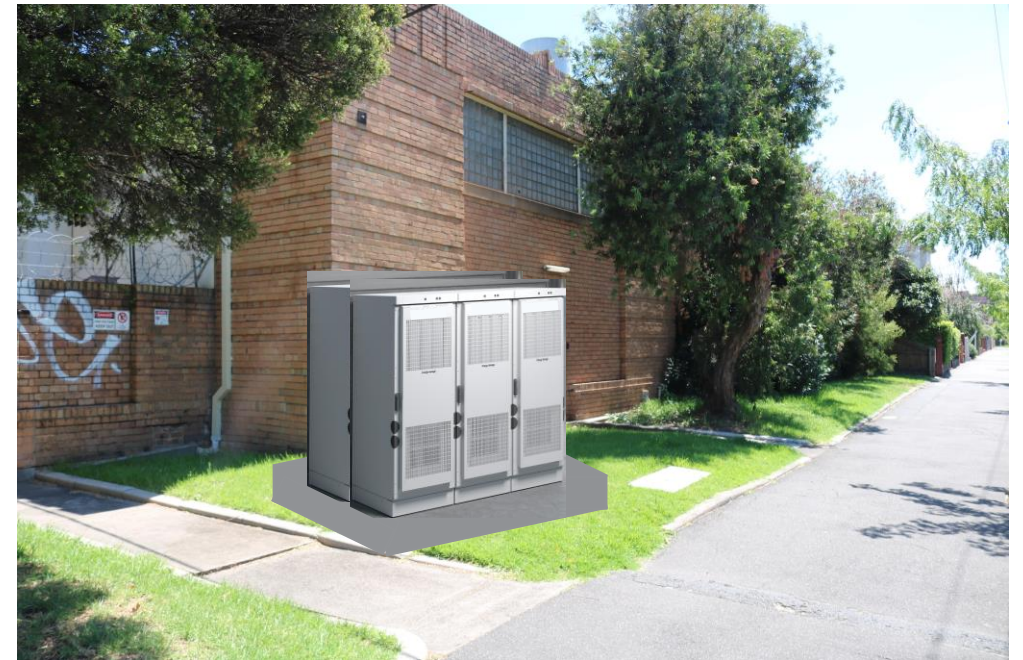
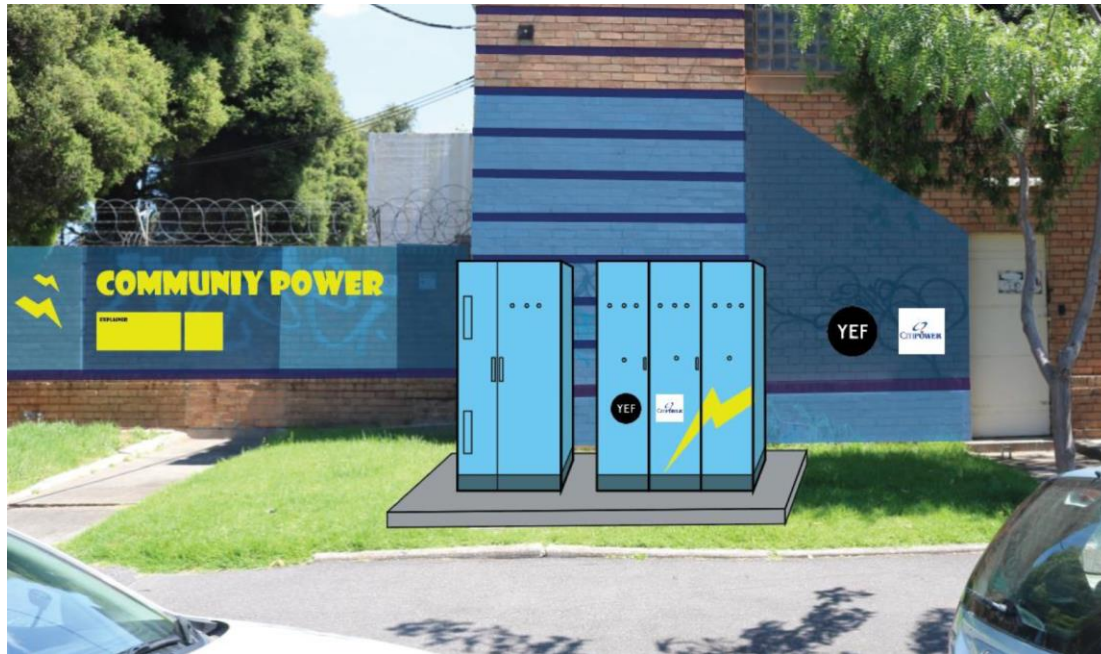
Proposed Location (1)



Proposed Location (2)



Possible Site Equipment



Possible Artistic Impressions





Why a Community Battery in your Neighbourhood?



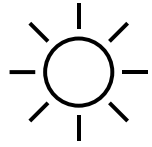
Value of a Shared Battery to Community Members

A Community Battery in your Neighbourhood

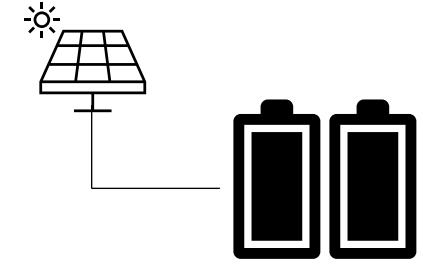
Enables more solar to be installed and exported

- ✓ **Open to everyone in the neighbourhood**
- ✓ **Sources local energy during the day**
 - ☞ **Remotely on cloudy days** (higher daytime renewable content)
- ✓ **No cost for customers, even a discount**
- ✓ **No change in feed-in-tariff for solar customers**

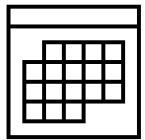
How it Works



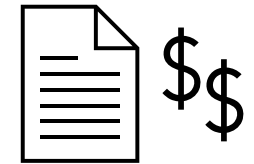
The battery charges up during the day.



It discharges at night to the whole low voltage (400V/230V) network



At month end, battery customers receive a pro-rated discount for their evening consumption



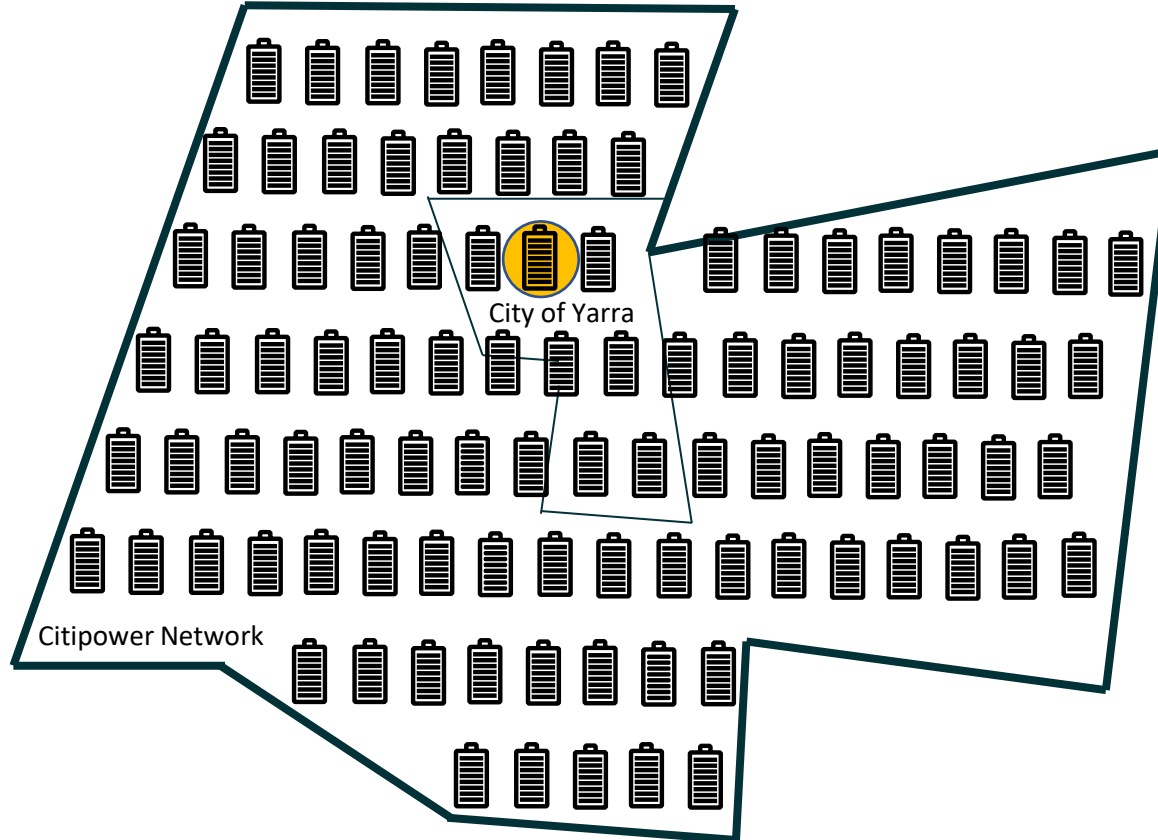
How to Sign Up

-  **Check that your property is connected to the same cable**
-   **Sign up through a retailer**  **Participating Retailer** 
-  **Download the app and enjoy!**



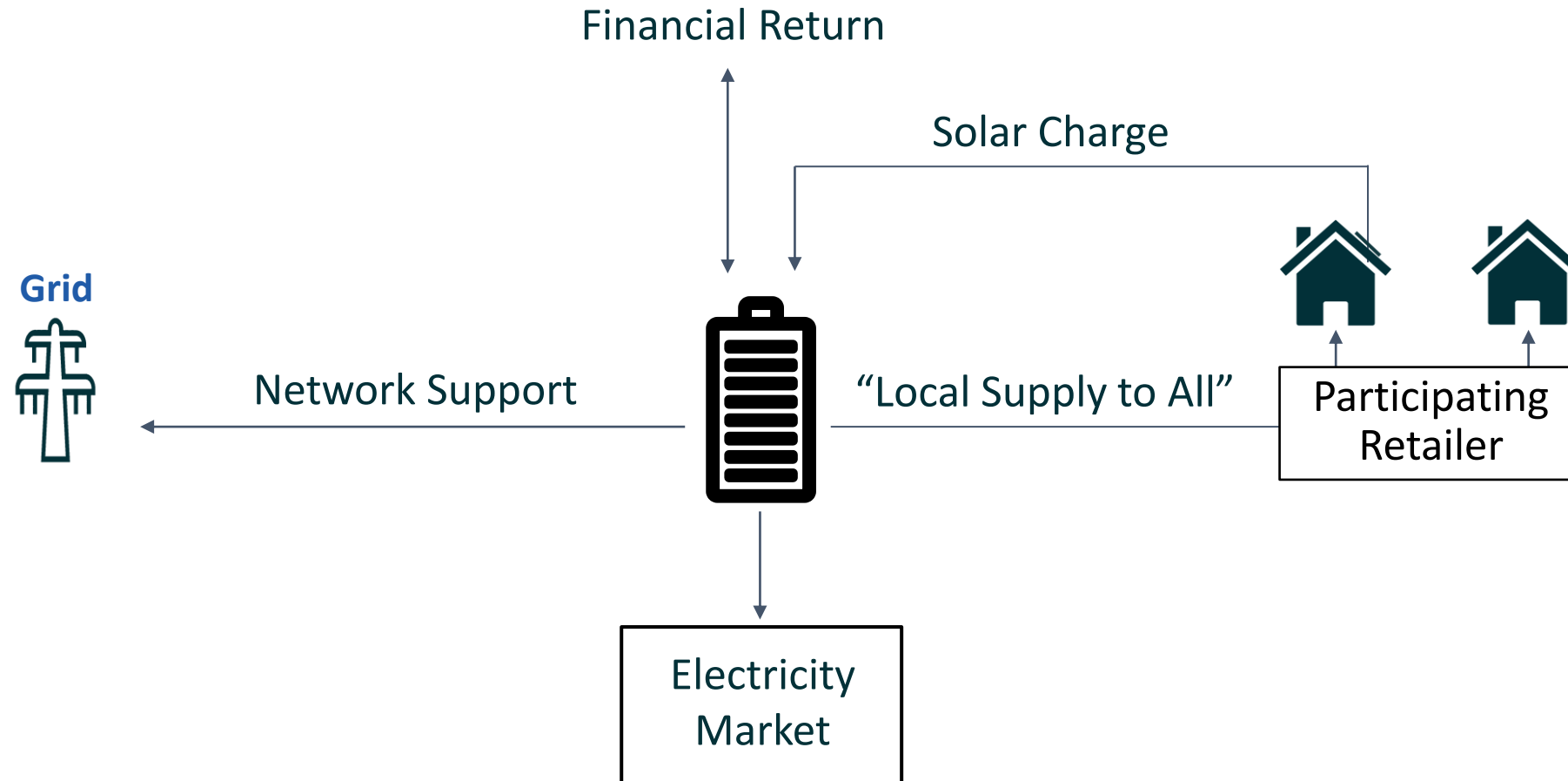
The Bigger Picture

A Network of Community Batteries

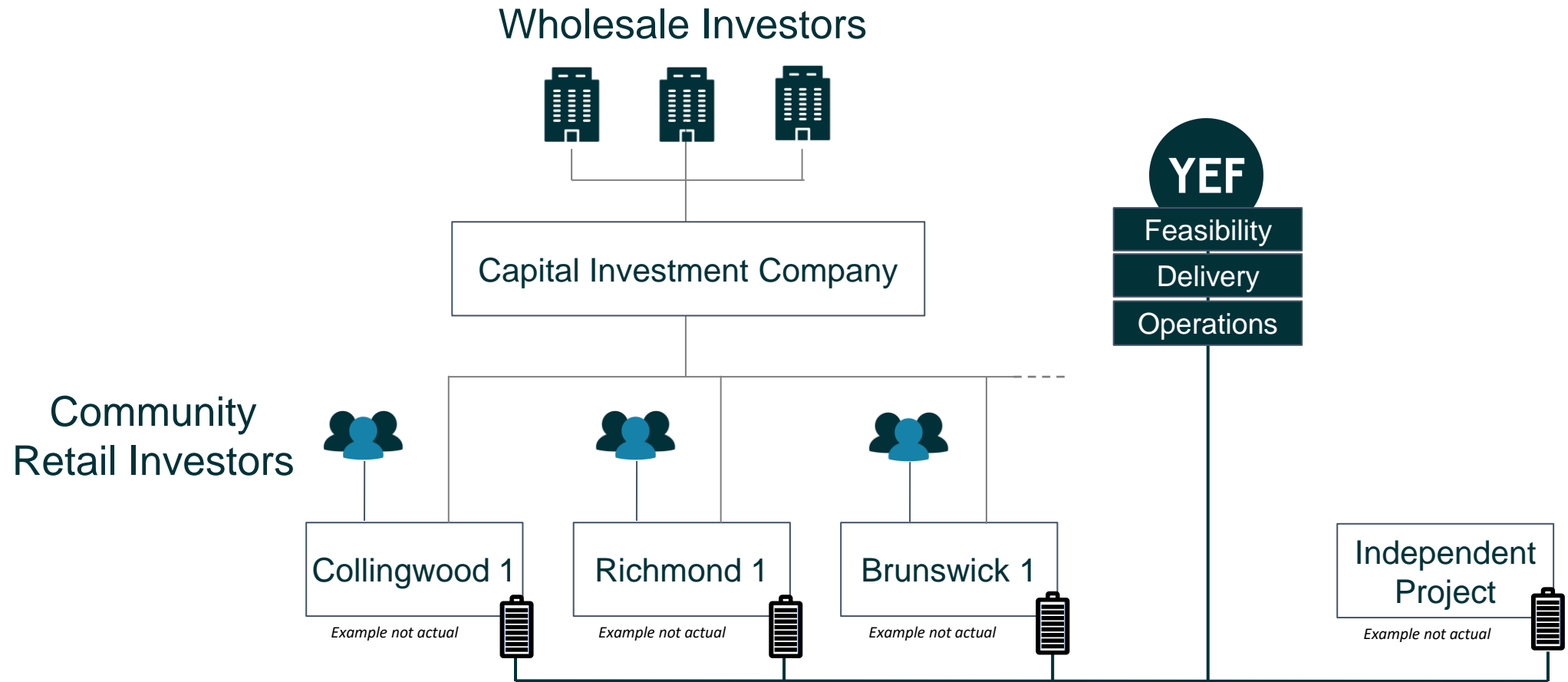


- ➡ **Storage & supply**
- ➡ **Network support**
- ➡ **Market trading**
 - **CitiPower network-wide**
 - **Third party ownership**

Business Model



Ownership Model



yef.org.au/community-batteries

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