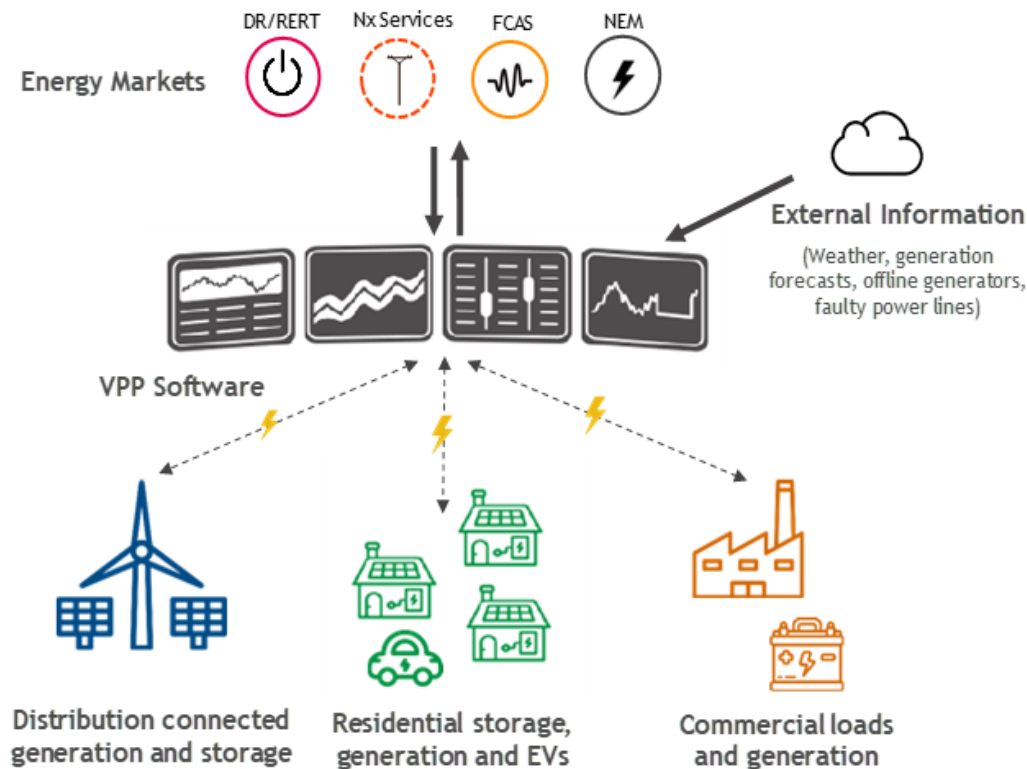# Sydney Strata Big Battery

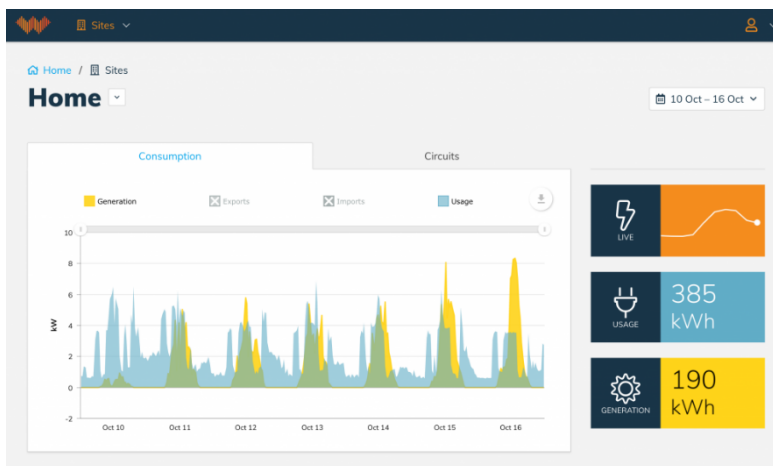WATTBLOCK

What is a Virtual Power Plant?

- Connecting multiple battery storage devices in a community to form a large power plant.

- For every kWh which discharges to the grid the owner will receive credits.

- The solar system will always power its original house first, then discharge the excess power.

How to prepare your strata
Step 1 Understanding your usage

- Install an energy monitoring system to understand the common area electricity usage pattern

- The device can be used to monitor solar generation in the future

- Use the electricity data to design an optimal solar system

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How to prepare your strata
Step 2 Solar Feasibility Study

- Assess the feasibility of installing solar systems on your roof

- Understand the economic scale of different size of solar systems.

- Wattblock's services include a solar feasibility study

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How to prepare your strata
Step 3 Solar Tender

- Receive competitive prices from different vendors through an RFQ process

- Wattblock services include issuing RFQ documents, "Apple For Apples" comparison across different proposals, answering questions from strata committees

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How to prepare your strata
Step 4 Solar System Installation

- Install a battery-ready solar system

- The system should provide more than your common area demand so that your strata can be ready for battery storage and EV charging in the future

- The system is expected to have a payback period around 5 to 7 years.

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How to prepare your strata
Step 5 Battery Storage Installation
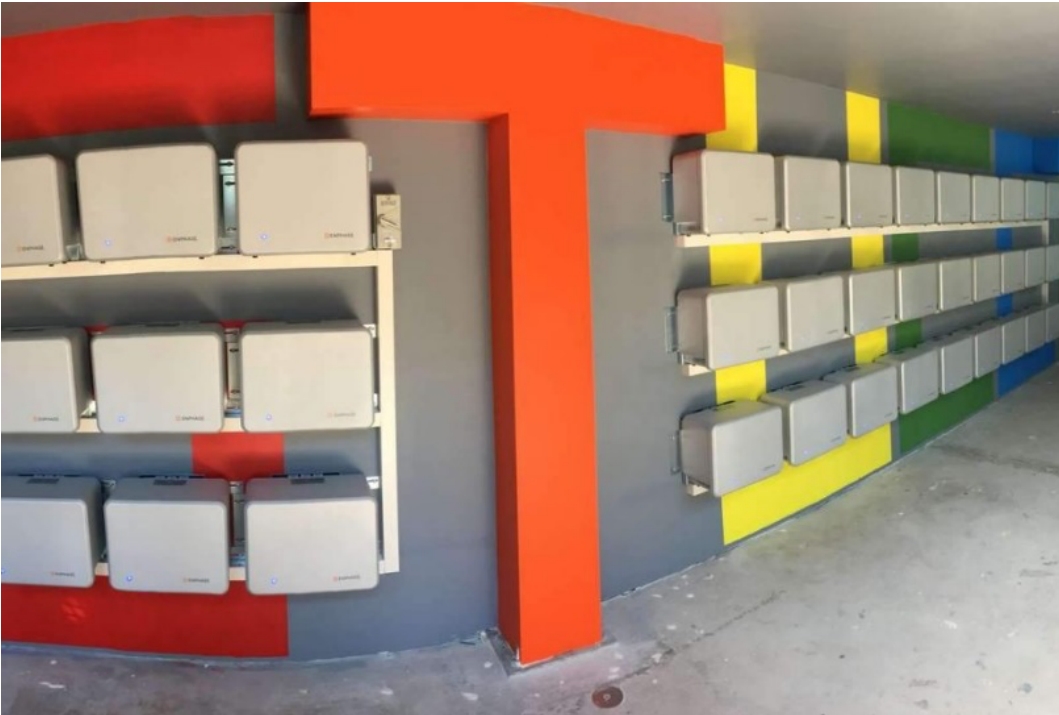
- Wait until the battery price comes down

- Incorporate a battery storage system into your existing solar system

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How to prepare your strata
Step 6 Register for Virtual Power Plant

- Register your solar battery system with the Virtual Power Plant network

- No additional hardware required

- Receive extra financial benefits when discharging from battery to the grid, on top of the feed-in tariff

- Help with reducing pressure on the grid

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