



Join the energy revolution

Australian wholesale energy retailer Powerclub and energy trading technology company Power Ledger and have joined with the world's largest solar battery manufacturer sonnen and solar panel provider Natural Solar to launch a Virtual Power Plant (VPP).

Highlights

- Eligible participants can access rebates through your states solar and battery subsidy schemes.
- First 20 installations receive A\$500 discount for participating.
- First year free Powerclub membership and additional \$250 Powerbank account credit.
- System installation includes 2 years free access to VPP Technology.
- No exit fees or fixed term contract.

Up to **\$3,000** in
estimated annual
savings and revenue.

Payback investment
up to **4 years faster**.



A VPP is a virtual network of home solar and battery storage systems, connected through cloud-based software that manages the flow of clean electricity to maximise revenue for participants. VPP technology is triggered to export your excess solar energy when wholesale market prices peak, giving you the highest return on investment while supporting the electricity grid with clean solar power when it needs it most.

When operating as a VPP, households and businesses can sell their stored battery electricity during price spikes to pay back the investment in their systems faster, and eventually turn that into a healthy profit.

Unlike existing VPPs in the market, this VPP will give users full visibility over electricity demand spikes by using blockchain to increase automation and transparency. Not only does this VPP give solar asset owners access to peak electricity price rates, but also helps to reduce Australia's reliance on fossil fuels by flooding the grid with clean energy when it's in demand most.

This VPP leverages Powerclub's member-owned, no-profit processes to guarantee participants receive 100 per cent of the revenue made from exporting their excess solar energy during peak price events, saving them thousands each year.



Getting started

If you already have a 6kWh solar PV and a 10 kWh Sonnen Battery, you're ready to join the VPP. If you need to install a battery or solar + battery, a team member from Natural Solar will be in touch to talk you through the finer details of the sign up process.

Essential requirement

- Participating households or businesses will need 10kWh sonnen battery and at least 6 kW solar PV.
- Upgrade to a Smart Meter capable of providing interval meter data.
- Internet connection, either wired or wireless.
- Once you have the correct infrastructure in place, Powerclub will contact you to switch your electricity supply to the Club so you can access wholesale energy prices.

Benefits of being a Powerclub Member

- Powerclub is Member-owned
- Members access wholesale electricity rates and innovative bill smoothing technology.
- Through Powerclub's no-profit processes, Members can exploit the wholesale market.

Why should I join?

- 100% of revenue from VPP exports goes to you.
- Reduced energy costs, potentially to zero.
- Faster payback on electricity assets.
- Increase renewable energy supply in Australia.

New Solar and Battery



Natural Solar

Australia's leading and largest solar and battery installer will get you set up and ready to join the VPP.

Getting Started



1

A team member will contact you to assess your current energy infrastructure and give you a quote for anything you need to join the VPP.



2

Your solar and battery will be installed, and your meter upgraded to a Smart Meter



3

Powerclub will transfer your connection to the Club so you can access wholesale energy rates and the VPP technology.



4

Power Ledgers technology will get to work, trading your excess solar energy to save you money and generate revenue.



Energy trading

What is energy trading?

The growing use of solar panels and battery storage is underpinning the potential for energy trading.

Using Power Ledger's technology, households and businesses, including schools and shopping malls can save on their energy bills and trade solar energy to make a profit.

If you can generate electricity, you can sell it to someone else - which means you can pay back your investment faster or profit from your energy assets.

How Power Ledger's tech works

Power Ledger's technology creates a marketplace for energy trading.

The software works alongside the existing infrastructure of energy systems, enabling greater control and ownership for consumers and producers alike.

Using blockchain technology

All energy transactions are recorded on the blockchain, which allows for greater transparency, increased automation and reduced possibility of human error.

Blockchain technology removes friction, streamlines price discovery and allows for energy to be traded easily.



Want to save
thousands on your
annual electricity bills?
Join today!



How will this VPP benefit you?

- Leverage Powerclub's member-owned, no-profit processes to access wholesale energy prices.
- Receive 100 % of the revenue made from exporting your excess solar energy during peak price events
- Reduce your carbon footprint and help to reduce Australia's carbon footprint from fossil fuels

What are the ongoing costs?

- To access Power Ledger's technology, Members pay a flat 27.5 c per day, incl GST.
- Your daily Powerclub supply charge will depend on your Smart Meter type, and averages at 119.11cents per day incl GST.
- Powerclub's rates average at 27.78 cents per kWh incl GST, depending on your tariff.
- To support Powerclub's operational costs, Powerclub includes 028.6c in your daily Supply Charge and 0.836c (less than one cent) per kWh from the grid. For the average household, this is less than 50c a day.
- For exports outside the VPP, Powerclub pays a competitive [solar FiT](#) PLUS if the annual wholesale value is higher than what you are paid through your solar FiT, Powerclub will pay the difference.

Join now and save!

- Each state government provides subsidies for solar and batteries
- The first 20 installations receive A\$500 discount for participating.
- First year free Powerclub membership and additional \$250 Powerbank account credit.
- System installation includes 2 years free access to VPP Technology.

