

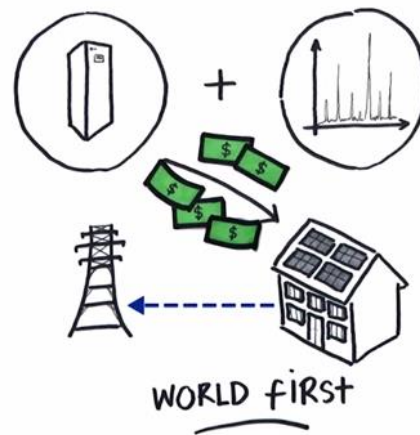
**Reposit Power’s GridCredits enables households to store, shift, and trade their home’s energy on the National Energy Market – and get paid for it.**

**Overview**

Reposit Power has engaged consumers in a first of its kind pilot – one which enables customers to store, shift and trade their energy on the National Energy Market - and get paid for it.

This is made possible by Reposit Power’s GridCredits technology. The technology is unique in having a system which optimises not just for generation and consumption but also for energy market prices, grid efficiency, and stability. When a household’s energy storage is integrated with GridCredits software it turns the household into a mini renewable energy power station, transacting on the market amongst the big energy players.

By facilitating this, Reposit’s technology enables households to take control of their energy bills and directly participate in energy markets as a buyer and seller of electricity, whilst facilitating a ‘greener’ grid.



**Scope**

Reposit Power established a pilot with consumers in the ACT and NSW. This involved the installation of six ‘Reposit Ready’ Magellan energy storage units, with funding support from ARENA. The units are installed into household, with each household having an interface app that shows them in real time how much energy their home is generating, storing, and selling back to the grid.

The pilot is an opportune set-up to demonstrate that households can be reliable generators on the electricity grid.

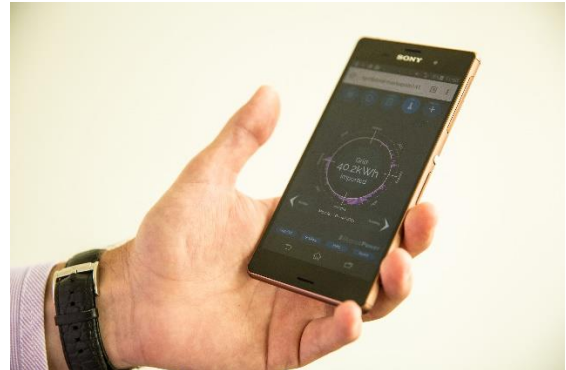
Photo: Jane and Dom in New South Wales are using Reposit Power's GridCredits software with their energy storage to store, shift, and trade their home's energy on the National Energy Market, and get paid for it.



## Benefits

Reposit's technology helps households achieve greater value from their solar systems by selling energy into the grid, encouraging a greater influx of renewables. The benefits of this 'smart storage' also helps network operators manage demand more effectively because it delivers stored power into the grid at peak times, smoothing out the variable delivery of solar energy. This in turn allows more renewables to be connected to the grid, reduces the demand on the grid, making the electricity system both cheaper to operate and more reliable for everyone.

Photo: Reposit Power's GridCredits App shows how much you're earning for trading your home's energy on the National Energy Market



## Results

With pilots of the model established, Reposit Power have already identified a significant change in consumers' behaviour and this has extended to material positive impacts on these consumers' energy bills. Because consumers can now store energy (at household level or on community based project), it is possible to get one consumer or many consumers of energy to behave in a way that is best for them. At the same time the pilot has helped to accelerate network economics of storage and also encourage more efficient use of the grid.

For more information and sign-up information, visit [www.repositpower.com.au](http://www.repositpower.com.au)