

Introducing the Virtual Energy Network (VEN) for apartments to access energy from large scale solar farms, rooftop solar and other consumer energy resources

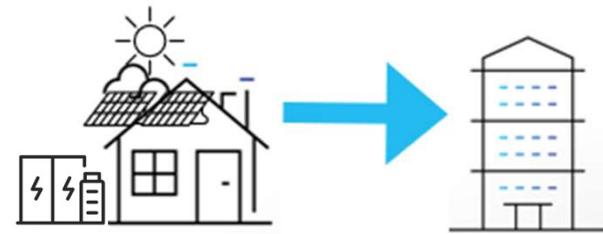
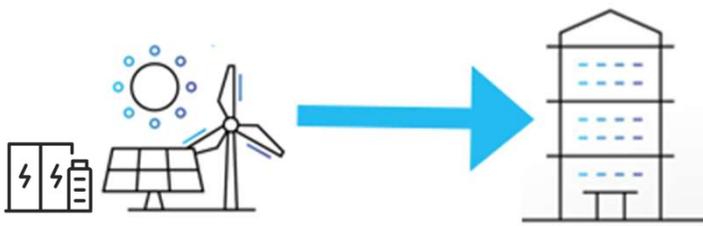
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The VEN is a software platform that enables consumers to buy and sell solar energy from rooftops and solar farms at prices set by them or their energy retailer

VENs are in use with energy retailers today supporting apartments dwellers



Matched Energy Supply Agreements

Community Energy sharing & P2P trading



Adopt A Panel (solar farm panel rental in exchange for free matched energy for apartments)



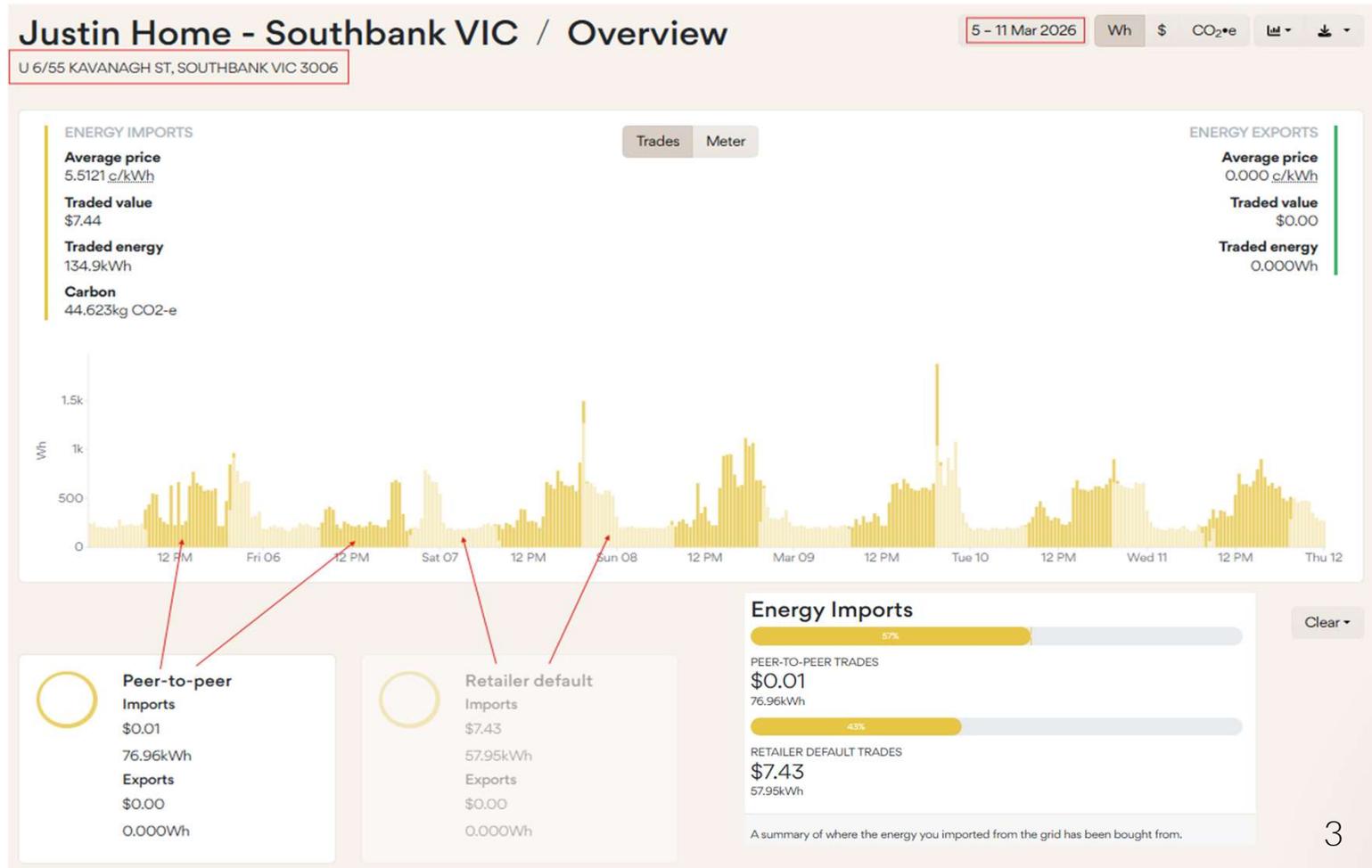
Solar Share (businesses trading their rooftop solar exports with residential apartments)

The VEN works with standard 30-minute smart meter data and simple integration with retailer billing systems to deliver a powerful customer user experience

Real Life VEN Example 1

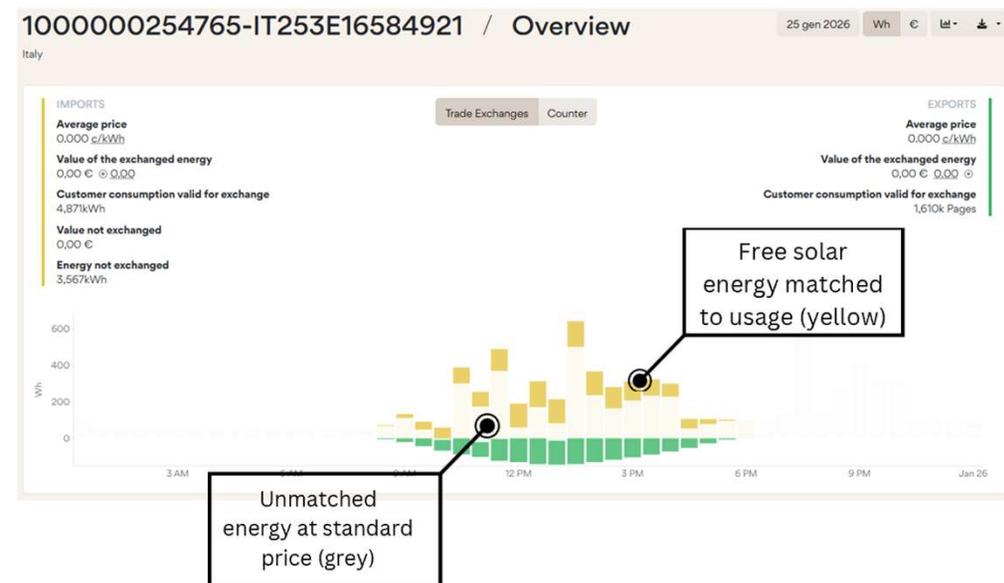
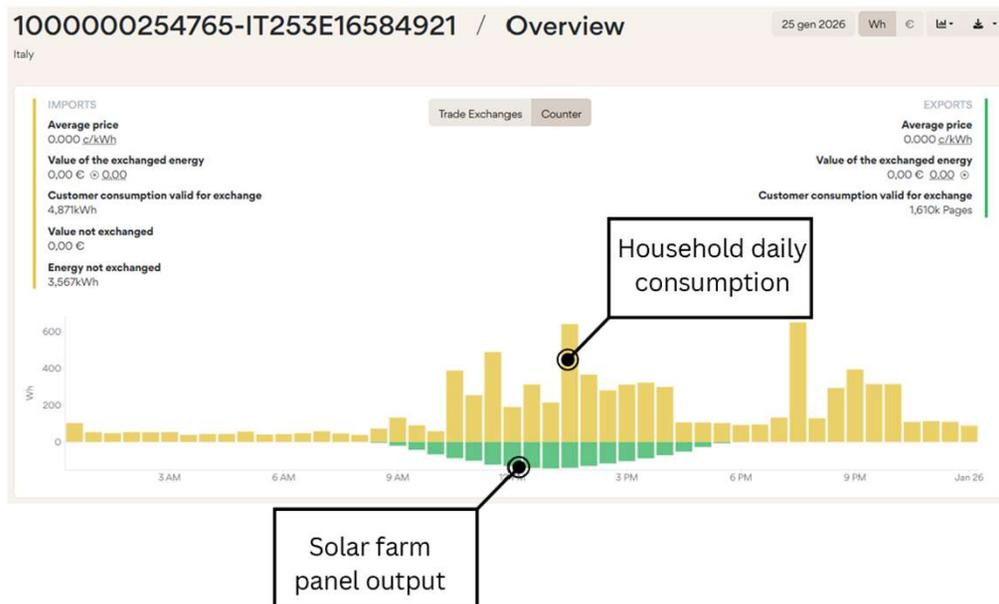
Melbourne apartment matching 57% of total energy usage to cheaper cleaner solar energy during daylight hours.

Standard retailer default prices apply outside solar generation hours.



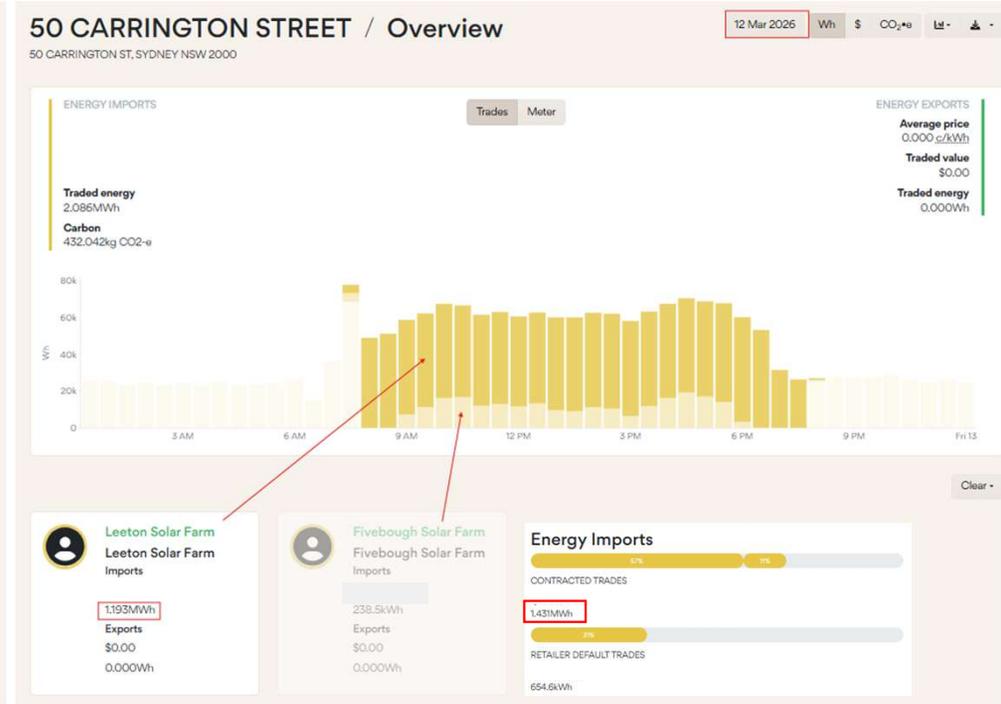
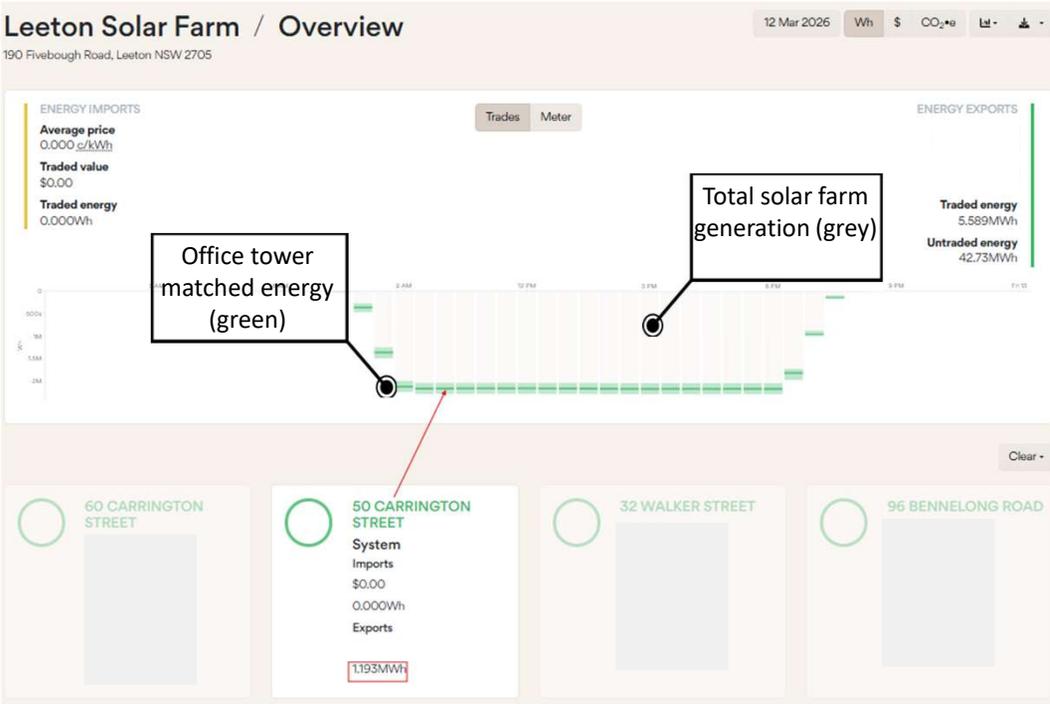
Real Life VEN Example 2

Italian apartment owners renting solar farm panels and receiving free matched solar energy during the daytime



Real Life VEN Example 3

NSW regional solar farms matching energy with four Sydney office towers. The office tower shown on the right is matching 1.4 MWh or 69% of daily energy usage at a price lower than standard grid energy.



**The VEN is effective scalable software to enable solar access for apartments.
Local government and regulators can help facilitate VEN solution roll out through:**

- Providing direct or indirect incentives for
 - Retailers to adopt VEN software solutions to provide solar energy matching plans for consumers
 - Developers building new solar farms specifically for apartment off take agreements with retailers
- Regulating networks to provide pricing incentives for energy matched locally down to LV sub station level
- Support and funding for a pilot study on large-scale solar farm energy matching to apartment dwellers
- Providing education and awareness of VEN style solutions available to communities today
- Supporting grass roots organisations in creating community trading groups