

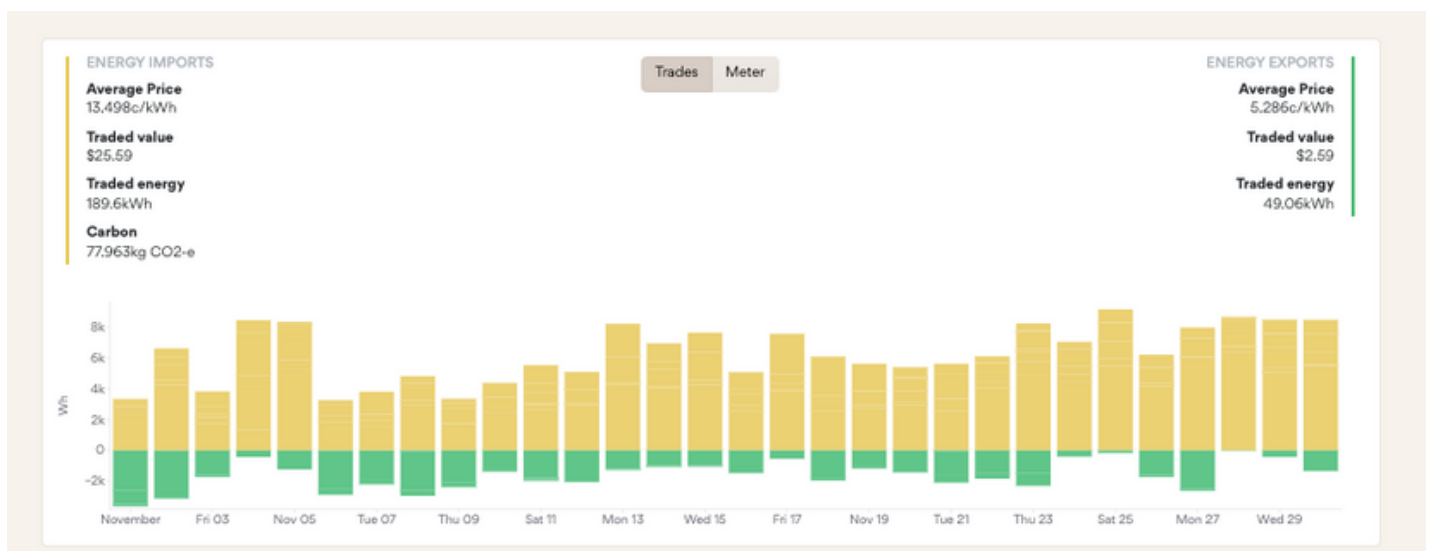
Maximising the use of solar A Powertracer Case Study.

Kevin's Powertracer Journey

After investing in solar panels for his home, Kevin* was very keen on maximising the use of the clean energy they generated, and began monitoring his usage at different times of the day. It didn't take long for Kevin to discover that his solar installation was generating excess energy that he couldn't use, particularly in the middle of the day. So what could he do with this excess energy? Sell it back to the grid? Buy a battery to soak it up? However, Kevin worked out he didn't use much energy during the night, so a battery wasn't worth the investment for him.

Energy trading in Powertracer

Kevin was introduced to Powertracer by a friend and was keen to learn more. The Powertracer platform enables people to trade clean solar energy with others every half hour of the day, 7 days a week. Kevin found out he can sell his excess energy for a better price than the standard feed-in tariff. He can sell his excess solar to people he knows, or he can sell it to others in his community, for less than what they would otherwise have to pay. A win for Kevin, and a win for people who buy energy from him.



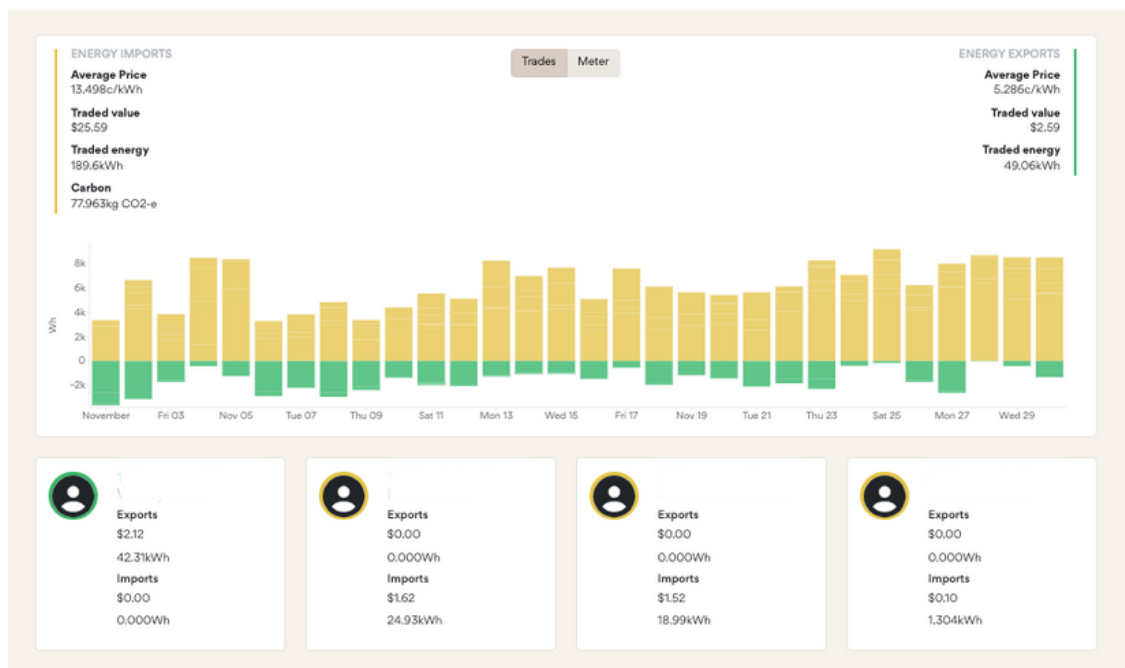
The different ways Kevin trades energy in Powertracer are:

Peer-to-peer trading

This type of trade enables Kevin to buy and sell energy with someone he knows who also uses Powertracer. A price per kWh of energy is agreed upon between the two parties, usually at a price that is beneficial to both.

Community Trading

Community trading enables Kevin to buy and sell energy with others in his community that he may not know. Members in the same community can buy and/or sell clean energy and save, and keep the benefits within the community.

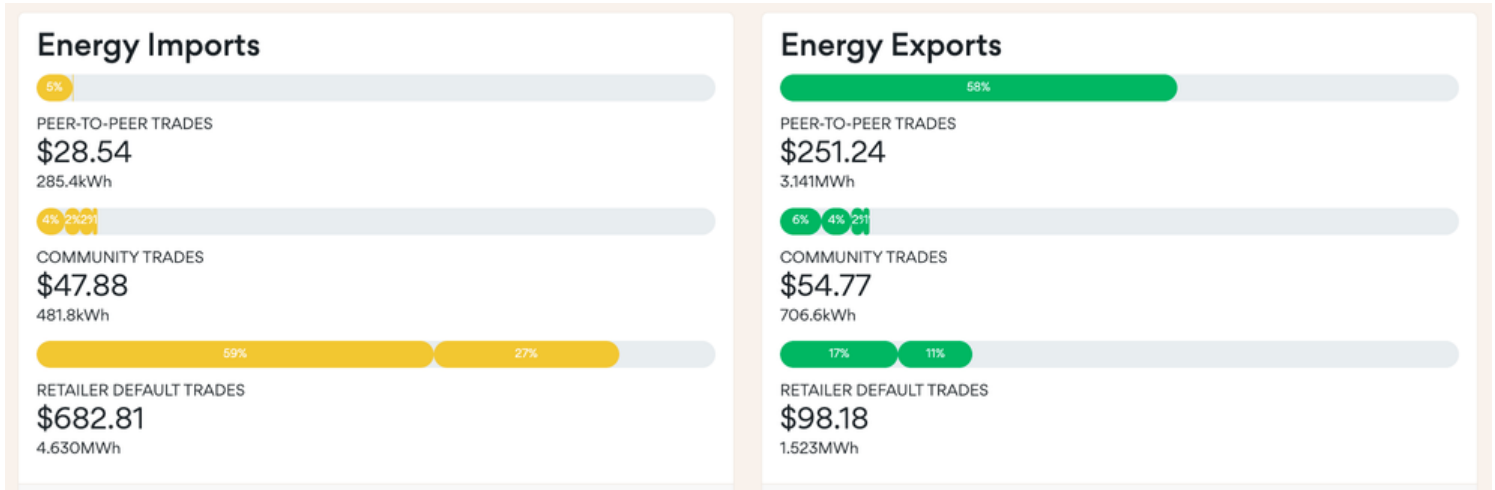


What are the energy benefits of trading?

In a twelve month period, Kevin has significantly increased his use of clean energy and the clean energy usage of those he trades with by:

- 72% of energy exported from Kevin's solar panels was sold to his community and friends. This means people trading with Kevin have increased their clean energy consumption.
- 14% of energy imported at Kevin's home was bought from his community and friends. So Kevin knows that 14% of his energy consumption was clean energy generated by those he has traded with over the year.

The snapshot from Powertracer below summarises where Kevin's energy has been bought and sold to over a 12 month period:



What are the financial benefits of trading?

72% of energy was exported to Kevin's friends and the community

What are the financial benefits of trading?

In a 12 month period, Kevin has seen the following savings from using Powertracer:

- 72% of energy exported from Kevin's solar panels was sold to his community and friends. The amount Kevin received for selling this energy was \$67.45 above what he would have been paid by his retailer.
- 14% of energy imported at Kevin's home was bought from his community and friends. The amount Kevin saved by buying this energy was \$43.25 less than what he would have paid his retailer.
- The total amount Kevin saved in only 12 months was over \$110

Take a look online to see our Powertracer Frequently Asked Questions and video demonstrations. Click the link below. You are welcome to sign up to Energy Locals and Powertracer directly on the link on the right.