

Couple go green with Geo Green Power

A solar PV and battery combo system turns Derbyshire home into sustainable powerhouse.

Wanting to make their home more sustainable

Homeowners Andrew and Gilly Davidson from Melbourne, Derbyshire had been considering solar power and a battery for a number of years to reduce their energy cost. They were also keen to look at the long-term advantages, which included decreasing their carbon footprint to improve the climate prospects for themselves, their children and grandchildren.

Andrew added that: "It was also about the right timing from a funding point of view as we needed to upgrade our flat roof before we could invest in solar power. Then thinking about the amount we needed, we knew from talking to friends and family that a battery was a sensible inclusion to make the most of the investment."

Finding a suitable renewable energy company

Since the Davidsons had a flat roof, a frame would need to be fitted so the solar panels could be installed at an angle to ensure maximum effectiveness. Following a recommendation from a neighbour with a flat roof who used Geo Green Power three years ago, the

 **Battery storage size: 11.5kWh**

 **Solar system size: 10.5kWp**

 **Annual output: 9,312kWh**

 **Cost saving over 30 years: £83,000**

"The team took us through the whole process. With a non-standard house built of wood with a flat roof, this is always an important aspect before we let anyone work on our home! Geo Green Power answered our questions and when we delayed the programme until the roof was re-covered, they came back with more panels for the same cost, which we really appreciated."

Homeowner
Andrew Davidson

**View the
drone footage**



Davidson's used this as an appropriate example, as "most of the systems seen locally are on pitched roofs".

The couple did seek an alternative quote from two other providers, but Geo Green Power had the edge when it came to the detailed provision of things such as supporting framework on a flat roof, battery capacity and EPS. Andrew admired the fact that our surveyor was "professional enough to question the age of the flat roof and suggest this work was completed first." He added that he's "not sure all providers would have been this considerate of the customer if they wanted a quick installation."

What was it like working with Geo Green Power?

Andrew and Gilly were highly impressed with our company's level of competency and efficiency. When it came to confirming the right location for the inverter and battery, both the new

roof and the house's structure were carefully considered and managed to the couple's satisfaction. Summarising their experience working with Geo Green Power, Andrew stated that: "At every stage the site and office team worked hard to complete the job. Everything was explained clearly, and checks were made to ensure we were happy with the details step-by-step. Geo Green Power answered all of our questions, and when we delayed the programme until the roof was re-covered, they came back with more panels for the same cost, which we really appreciated."

The results

Having lived with the system for three months now, Andrew and Gilly are delighted with the results. They regularly check the free Fox Cloud app to see what their system is generating, using, and exporting to the grid. This app lets users remotely monitor their system's efficiency with ease.



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