

Warm winds of change



Technologies installed Air Source Heat Pump and Wind Turbine

There must be something in the air at the Simpson home, because they're harnessing both wind and heat from the air to provide their heating and electricity.

Building a new home has given David Simpson the opportunity to install the latest renewable technologies. Now he's well down the road to self sufficiency with an air source heat pump, plus a wind turbine to generate electricity.

David cites three reasons for going for renewables. The first priority was naturally, the environment, and he was keen to reduce his carbon footprint.



The second reason was financial. Although installing both technologies required outlay upfront, David sees it as a very long term investment that will pay for itself as the cost of oil continues to rise.



Where there's air, there's heat. David Simpson and his air source heat pump.

Last, but definitely not least, David had always liked the idea of having a wind turbine, so the grant gave him the opportunity to acquire one.

'Probably the main benefit is the environment side. It's nice to know we're doing as much as we can. In time, we'll see how much savings we make', he explains.

David engaged in extensive research before selecting the right technologies for his home.

“I didn't go to just one place, but did a lot of background reading and spoke to different companies. There are many sources of information explaining how these technologies work. I suppose my only concern in advance would have been if the renewables would be sufficient for our needs compared with conventional systems.”

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David Simpson proves two renewables are even better than one.

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As for David's earlier concerns about sufficient energy, he has had no problems whatsoever and is even selling electricity back to the grid. 'I'd recommend it. The grant initiative certainly reduces the costs, so it's not too much of an investment.'

The Simpsons plan additional renewables in the future. 'I'm possibly considering solar water heating as it is cheaper to install and simple.' Self-sufficiency cannot be far away.



His research included finding information on grant initiatives on the web. He went with the Reconnect scheme and found the application for the grant uncomplicated. The installation process also went smoothly, taking no more than two days for both the turbine and the air source heat pump.

The Simpsons are proving that energy solutions are all around us.

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