

## Lake District hydro



Logan Gill Hydro in Cumbria is another great example of homegrown power changing the energy landscape in the UK – making the most of our natural assets while preserving them. Located on a tributary of the River Duddon, near Broughton in Furness, this new hydro-electric project will provide enough energy for 1,000 people and will save 1,000 tonnes of CO<sub>2</sub> emissions each year. The only visible signs will be a small weir on a mountain stream with the water turbine and other generating equipment housed in a small slate and stone barn – all the hydro projects we support must adhere to our own strict environmental criteria.

The development, by Ellergreen Hydro, is one of the first renewable energy schemes in the UK to benefit from the new feed-in-tariff, and the electricity generated by the scheme will go to supply many of our customers.

## South London solar



A family of five living a fast-paced London life wouldn't be the first to come to mind when you think of a low carbon footprint, but thanks to an 8-panel solar PV array – rated at 1.44kWp – installed in July last year, the Wilsons in Peckham have made a significant reduction to theirs. "We wanted to go beyond installing energy-saving light bulbs, recycling and buying our electricity from Good Energy," Meriam Wilson says.

The £10,500 cost was financed partly by a government grant of £2,500, but with the introduction of the new feed-in tariff last April, if you were to install these panels now you could earn around £551 a year. Financial gain wasn't the family's main motivation but "it's a huge bonus to feel we're being rewarded," Meriam says.

Thanks to homegrown energy pioneers like the Wilsons, Good Energy's goal to help the UK become 100% renewable is a step closer to becoming reality.

## Cornish wind



When it comes to producing homegrown energy, we're particularly proud of our wind farm at Delabole in North Cornwall. Delabole was the first commercial wind farm in the UK, and we're investing £11.8 million to improve it; the project is still on target for completion in December.

This summer saw the passing of a significant milestone when the 10 original turbines came down to be replaced by four larger, more powerful machines. The new turbines will produce enough electricity to supply over 7,800 homes – around two and a half times the previous output – and will be saving around 13,000 tonnes of carbon a year.

We made great efforts to involve local Delabole people from the outset and were pleased by the welcome our proposals received. As one local resident put it, "I know I'm home when I see the Delabole turbines."



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