



Free energy, free fuel, freedom!

David Stevenson, Mole Energy

Over the years I've shared many stories in this newsletter; mostly about the money and CO² that our customers have saved by installing solar PV systems. But this isn't the whole story.

For homeowners, solar power is a lifestyle choice that offers something more exciting still: freedom.

It's the freedom that comes from solar self-sufficiency and the knowledge that your panels are generating free, abundant power that is saving both planet and pocket.

But I haven't written much about this particular benefit - until now. And here's why: it was only when driving my new electric car for the first time that I truly understood what solar freedom felt like.

Electric epiphany

Driving past a petrol station, I had a magic moment of realisation. I was driving for free, using energy from the sun. Better still, I felt free – something made even sweeter, given how our freedoms have been so restricted lately.

And there was more. In that moment, it was the realisation that I would no longer have to buy fuel and it suddenly dawned on me how much more my solar array does for me.

In recent months, we've all become much more aware of the energy we use on a daily basis: whether washing endless clothes and

dishes, keeping our computers running or feeding hungry teenagers. In my home, solar power helps me every step of the way. And so, while energy demands in my home have never been higher, my energy bills have never been lower. My solar PV has truly come into its own.

Solar system

With an electric car, a family that loves long showers and a gaggle of 'power-hungry' teenagers; my household uses a lot of the solar energy generated.

However, there are times when we have excess solar power and rather than losing this back to the National Grid, we have installed some other devices which captures this instead.

Now normally I'd talk here about the benefits of home batteries and the storing of excess power to help meet home energy needs in the summer, manage additional consumption in the winter and improve self-reliance throughout the year.

But I'd like to focus instead, on some other clever gadgets you may not be as familiar with.

Eddi

First up, the Eddi system from myenergi. This device identifies any excess solar energy and diverts it to my hot water cylinder. So in the morning, when the family are using the shower, I can relax in the knowledge that the hot water being used has been heated, for free, by the sun.



Zappi

Having prioritised my hot water, the next device to step in is the Zappi, also by myenergi. An electric vehicle charger with a difference, the Zappi is designed to work specifically with solar panels. Unlike other EV chargers, I can set it to 'Eco' mode, so that the device waits for excess solar energy to become available before charging my car. This means my car is only ever charged with solar energy, rather than drawing expensive electricity from the Grid.

myenergi app

This works with both IOS and Android, giving me full access to both the Eddi and Zappi, as well as Grid input and export, PV generation and battery storage information. I can also set timers and monitor energy usage, wherever I am.

Freedom found

My thoughts returned to the road ahead. I suddenly had a craving for a chocolate bar. I might have bought one too, had I needed to go into the garage for fuel; but I didn't, content in the knowledge that I had saved pounds on fuel and pounds off my waistline too!



Find out how solar can set you free. Call our friendly team of experts today.



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01803 732946
info@moleenergy.com