



“ We want a smart, simple way to control the energy we use in our home. ”

“ Who wants to spend money on energy they don't need? ”

PassivEnergy learns the thermal properties of your home and monitors the temperature outside to keep your home comfortable and cut energy waste.



## Hello smart home

PassivEnergy is an energy management service designed to cut out energy waste in homes.

Our philosophy is simple. We believe that the way we use energy in the home is long-overdue a revolution. When so many areas of our lives have got better, cheaper and easier as a result of smart technology, why do we still manage our heating using clunky thermostats and impossible to understand boiler controls?

PassivEnergy runs your heating and hot water by learning about the thermal properties of your home, the performance of your heating and hot water system(s) and your everyday preferences and usage patterns.

Built to work with existing gas, LPG and oil fired heating and hot water systems, new installations and renewable energy systems, PassivEnergy will change the way you use energy at home forever; saving you money, cutting out waste and making life more comfortable.







“ If we go out on the spur of the moment we don't want the radiators blasting away at home. ”



The PassivEnergy iPhone app puts you in control wherever you are.

#### Coming home late?

Use the PassivEnergy iPhone app to let your home know and PassivEnergy will adjust your schedule so your home is ready for you when you step through the door.

#### Getting up at 7am tomorrow?

Instead of guessing what time your boiler needs to come on to guarantee a hot shower or a warm kitchen, just tell us when you will be up and how hot you like it. PassivEnergy will learn when your boiler should get to work based on your system's performance, the thermal properties of your home and the weather outside.

#### Heading to bed early?

Use our occupancy buttons to put your heating and hot water system to sleep at the same time as you.

#### Installing renewables?

PassivEnergy will keep track of your system's performance, help you integrate it better into your home and notify you and your service provider of any dips in performance so you can act straight away.



“ PassivEnergy does all of the hard work. I just tell it what I want. Easy. ”



**PassivEnergy is a smart, easy to install wireless system. Here's how it works.**

#### PassivHub

PassivHub is the heart and brains of our service. It talks wirelessly to our temperature sensors, heating and hot water controls and, if we are monitoring your solar PV system, our solar generation meter. PassivHub then connects via your existing broadband to PassivLiving, our secure online monitoring and control dashboard.

PassivHub lets us remotely keep your home up-to-date with software upgrades and enhanced service functions.



#### PassivController

PassivController makes setting your heating and hot water schedule easy by asking you simple questions about how you like to live your life. Its monitoring screen allows you to see the current temperature of your home, the amount of hot water in your tank or your solar PV system's generation output.



#### PassivLiving™

PassivLiving gives you one point of access to monitor your system's performance and soon, one point of access for system control too. If you ask us to, it also lets us share your system data with your service provider so they can respond to dips in performance straight away.



“ We’ve made the investment. Now we’d like to get the most out of it. ”



Old or new, gas, LPG, oil fired or renewable, PassivEnergy makes sure your system is working as it should.

#### **A service right for today and ready for tomorrow**

PassivEnergy monitors and manages gas, LPG and oil fired heating and hot water systems today. It can also monitor your solar PV system for you and alert your maintenance company to any dips in performance that may indicate a fault. In 2012 we will monitor and control ground and air source heat pump systems too. As your home energy needs change, we will keep pace with you.

#### **Action as well as information**

Unlike standard monitoring devices, which only save you money if you fundamentally change your habits, PassivEnergy does the hard work for you, reducing energy use by cutting out energy waste.

#### **Control and insight all in one place**

No one wants to be a home energy manager - dashing between different control panels for heating and hot water and, increasingly, renewable systems. PassivEnergy puts control and insight in one place. Whether you choose to access our service on the web or by using PassivController, we make it easy to manage multiple systems through one interface.

Over time we will fully integrate the control of renewable systems with legacy heating and hot water systems so all you will need to do is set a schedule, tell us how hot you like your water and how warm you like your home, and we will decide what energy source to use to minimise your energy bills and your carbon footprint.







# “ Better tell the heating we’re coming home. ”

## Control

PassivEnergy is built around you and your family. Tell it how you live your life, and it'll manage when you need to use energy and when you can save it. If you use the PassivEnergy iPhone app, you can control your home wherever you are. You can view your home's current temperature when you're on the move too.

## Cost

If you are wasting energy, you are paying for something you don't need. A year long trial found that PassivEnergy can save you an average of 23% on your energy bill.

See the results from the year long trial on our website: [http://www.passivsystems.com/productPdfs/HomesOnly/Field\\_Trial.pdf](http://www.passivsystems.com/productPdfs/HomesOnly/Field_Trial.pdf)

## Carbon

PassivEnergy reduces wasted energy by carefully managing your heating and hot water and monitoring the performance of your solar panels. Reduce wasted energy and maximise use of clean (renewable) energy and you reduce your carbon footprint. It's as simple as that.

## Comfort

PassivEnergy keeps you comfortable by heating your home without sudden changes in temperature. It warms your home more efficiently in the morning before you get up and when you go on holiday, it ensures you have heat and hot water on your return.

## Convenience

Rather than worry about the temperature on your thermostat let PassivEnergy take care of your energy use in the home. Set the rules once and you're done.

# “ I want this system now. ”

All of our systems require professional installation, and we couldn't do it without the most qualified installers. We select each one for their professionalism and customer service. We think they are the best you will find in the UK.

To find your nearest installer visit us at [www.passivsystems.com](http://www.passivsystems.com).

#### Privacy terms

PassivEnergy can only be installed if you have opted in to your service provider's privacy policy. A copy of PassivSystems' Privacy Policy can be found at [www.passivsystems.com/privacystatement.aspx](http://www.passivsystems.com/privacystatement.aspx)

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