



1 March

PassivSystems supplies Cleaner Air Solutions with 10,000 solar PV monitoring systems

Effective monitoring key to simplifying feed-in-tariff for landlords and consumers

Smart home technology firm [PassivSystems](#) is to supply [Cleaner Air Solutions](#) with 10,000 of its solar PV monitoring systems, enabling the solar PV distributor's customers to protect their assets and simplify the feed-in-tariff process.

Unlike many solar monitoring solutions, PassivSystems collects data directly from the generation meter instead of the inverter, so the information on solar panel performance is much more accurate and can be used for the feed-in-tariff. Customers can remotely receive their meter readings whenever they want, which for Registered Social Landlords with potentially thousands of installs, removes a huge administrative burden.

North-East based Cleaner Air Solutions is one of the UK's largest distributors of solar PV equipment, supplying around 35 per cent of the country's solar PV installers. The company also installs solar PV equipment itself and since the feed-in-tariff was introduced in April 2010, those installations to private and social landlords and consumers have increased by more than 400 per cent.

The deal with PassivSystems will see every solar PV system installed directly by Cleaner Air Solutions or supplied to an installer come with the PassivSystems solar PV monitoring system.

"Our extensive experience in the distribution and installation of solar PV equipment has shown us that effective monitoring is arguably the most critical element of the whole process," said Terry Skee, Commercial Director at Cleaner Air Solutions. "It is essential for recording production and claiming the feed-in-tariff and will have an enormous impact on landlords with multiple properties, so it was crucial for us to choose the best monitoring system available. PassivSystems was both straight forward to use and incredibly effective, so it was an obvious choice for us in the end."

Users and system owners will be able to keep track of the performance of their PV system on either the PassivLiving remote diagnostic monitoring portal or the hand-held touchscreen PassivController. They will receive an alert if the system is under-performing and Cleaner Air Solutions or the installer can then provide the appropriate maintenance support.

"The UK has seen solar PV installations take-off in the last year but this investment must be protected," said Colin Calder, CEO, PassivSystems. "Deployment of renewable energy is vital to managing the UK's energy sources. But confidence and momentum across the entire renewable industry could be damaged if those who invest in solar PV, whether social landlord or consumer, aren't seeing a return on their investment. That Cleaner Air Solutions, which provides solar PV equipment to more than a third of UK installers should choose PassivSystems to monitor performance, is a ringing endorsement of our technology."

The solar PV monitoring system is a part of [PassivEnergy](#), the innovative home energy management service launched by PassivSystems in 2010. Focusing on heating and hot water, PassivEnergy learns a household's energy requirements to automate energy use in the home and early customers have seen an energy reduction of up to 25 per cent. It can also provide a whole home view and monitoring service for renewable systems and legacy (gas and oil) heating and hot water systems.

"The management of energy in the home is becoming increasingly complex as renewables are introduced alongside legacy systems. Automation around behaviour and needs as a result of smart insights will become the only way consumers can stay on top of it all," concluded Colin Calder. "Cleaner Air has recognised the importance of effective monitoring but this is only the start, and PassivSystems is primed to play a central role in the management of energy in the home over the coming years."

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About PassivSystems: www.passivsystems.com

PassivSystems Ltd was established in 2008 to develop smart-home technology for the mass market. Beginning with energy, and continuing with security, assisted-living and other lifestyle services, PassivSystems creates simple, human-centred products that deliver effective solutions to some of today's most pressing global problems.

The company and its first product PassivEnergy have been widely commended by industry and media. The PassivEnergy home energy management product was cited as one of the top five gadgets at CES 2010 and PassivSystems was recognised as one of Europe's leading privately owned companies in the Red Herring 100 Europe 2010.

Further recognition followed with PassivSystems named as both a 2010 Global Cleantech 100 and Tech Media Invest 100 company and the latest commendation was as a Red Herring Global 100 company. This was awarded in January 2011 and recognises the world's most promising private technology businesses.

About Cleaner Air Solutions: www.cleanerairsolutions.co.uk

Cleaner Air Solutions is one of Europe's largest and most experienced renewable technology companies and one of the first to achieve UKMCS accreditation. We have been providing renewable energy systems to the domestic and commercial market since 2004.

We are a customer-focused company who guide you through every stage of your requirement, design and installation process, whatever size of project. As an accredited installer and supplier of Solar PV systems we can guarantee a fully professional installation completed to the highest service levels, including the all important aftercare service and warranty cover.

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