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PassivSystems supplies solar PV monitoring technology to Engensa

Accurate monitoring now part of campaign to bring free solar equipment to UK homeowners

UK solar company Engensa has chosen connected home technology firm [PassivSystems](#) from a range of global suppliers to supply solar PV monitoring technology to Engensa's customers. The deal will be part of Engensa's *Street by Street* Solar campaign, which aims to supply free solar PV equipment to 100,000 homes across the UK.

Every installation of solar PV equipment made by Engensa will now come with PassivSystems' monitoring solution, which provides far more accurate data than most systems, as it collects data directly from the generation meter instead of the inverter.

Effective monitoring of solar PV equipment is essential if this renewable technology is to succeed, as it makes meter reading easier and more accurate and can be used for the Feed-in Tariff, as Engensa CTO, Dr Toby Ferenczi explains:

"Energy generated from solar power is pivotal to reducing UK carbon emissions and helping to manage consumer bills so PassivSystems' solar PV monitoring solution will play a massive part in that. It enables us to provide the best service and the latest technology to our customers and makes claiming the Feed-in Tariff and monitoring performance much easier for Engensa."

Participants in the *Street by Street* campaign will pay nothing for their solar equipment and will be able to use the energy generated by the panels free of charge, which should provide up to £300 off their annual electricity bills. Engensa will monitor performance of those PV systems on either the PassivLiving remote diagnostic monitoring portal or via GSM data packets and be able to react if the system is not performing to the right specification.

"Accurate monitoring can be the difference between really making the most of an investment and exposing that investment to serious risk," said Colin Calder, CEO, PassivSystems. "You wouldn't install any other major equipment without monitoring performance and solar PV should be no different. Engensa recognises this and their customers can only benefit from working with such a forward-thinking company."

PassivSystems also makes its PassivLiving monitoring portal available to the homeowner, providing further transparency into system performance. Householders are able to view generation performance at the click of a mouse and if they buy the PassivController they can see generation in real-time.

"PassivSystems is a company that recognises the importance of incorporating home energy management and micro generation on the same platform," said Toby Ferenczi. "We're excited about

offering PassivLiving to homeowners and look forward to being able to offer other PassivSystems energy systems over time.”

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.

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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 Engensa: www.engensa.com

Engensa was founded in 2009 by ethical entrepreneurs, Toby Darbyshire and Toby Ferenczi, with the mission to provide homeowners across Britain with their own, sustainable and profitable source of power, and in the process, create jobs in the local community. An established solar provider, backed by Ben and Alex Goldsmith, Engensa has been installing solar panels on homes for 12 months for customers with suitable south-facing roofs.

Engensa sought out Albion Ventures, a venture capital trust manager that invests money raised from private individuals in the form of venture capital trusts (VCTs) into expanding businesses in the UK.

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