

## Solar PV Case Study, Cambridge



This solar photovoltaic (PV) system was installed in Cambridge in October 2010. It was installed as part of a loft extension. There was a limited available roof area and so a 1.88 kWp system was decided on as this was the largest size that fitted on the available roof area.

The solar panel system uses monocrystalline panels and a semi-integrated 'in-roof' mounting frame. The 'in-roof' frame means that the panels do not sit above the roof cover as in most cases ('on-roof') but sit on a frame straight onto

the batons. This gives a much more integrated look to the system as it protrudes from the roof less.

Mr & Mrs Bardes, who commissioned the system, are now producing their own carbon free electricity at home for which they are being rewarded by the Government's 'Feed-in Tariff'. This allows you to make money by producing green electricity. You use the electricity at home or export it to the grid. The tariff rate is inflation linked (RPI) and is guaranteed for 25 year. This typically offers consumers a return on investment of 8-10%

Mr & Mrs Bardes said of the installation:

*'It has been a positive experience at each step of the process. The upfront study was thorough and informative, the price was competitive. Cambridge Solar are professional, friendly and passionate about solar energy and it feels very satisfying to give business to a young, local enterprise.*

*We get great satisfaction from producing our own electricity and feel that it was also probably an even better investment than the calculations show as they don't take into account inflation and rise in energy costs.*

*We would happily recommend Cambridge Solar to anyone who wants to install solar panels.'*

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**To find out more about this installation and others, and to find out how you could start making the most of solar PV at your property, contact Cambridge Solar today on:**

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