

# CASE STUDY:

## New solar panels make Interior Concept's electricity use carbon neutral



Colin Wells,  
OWNER

*Interior Concepts Ltd, West Sussex*

### **I**nterior Concepts Ltd is an independent office interiors refurbishment specialist.

Established for over 14 years, they carry out bespoke supply of office partitions, office partitioning, interior office design and fit-out for clients within the private office, education, industrial and healthcare sectors throughout the counties of Sussex, Surrey and Hampshire.

Colin Wells, owner of Interior Concepts Ltd, wanted to reduce the company's carbon footprint and bring down rising electricity costs so he turned to the Energy Efficiency Financing (EEF) scheme, a joint venture between the Carbon Trust and Siemens. The scheme is designed to provide finance for energy efficient and renewable energy equipment, where the expected savings in energy costs can be offset against the cost of the equipment, effectively making the investment zero net cost or even cash positive.

To advance the company's efforts to improve its environmental performance and reduce carbon emissions, Colin Wells invested £6,143 in solar panels, which were supplied and fitted by Powercor Electrical Services Limited. A Carbon Trust assessment



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of the application reassured Interior Concepts that the initial estimates of the amount of renewable electricity generated by the solar panels was accurate and would provide a return on investment of between 6 to 8 years. The EEF scheme was then able to offer Interior Concepts a monthly financing arrangement that meant that

equipment payment costs were offset by the value of the energy generated. Furthermore, the process of arranging the installation and the finance was very fast, taking only a total of 4 weeks.

“Interior Concepts consumes approximately 1,316kWh of energy a year and we are likely to produce 1,460kWh of energy from our PV system. Through this technology, we are reducing the energy we are burning off the grid and so will have a surplus of electricity -producing more than we are consuming, making our investment cash-positive. The excess will go back to the electricity network, making our office, in terms of electricity, carbon neutral.”

## Energy Efficiency Made Easy

*For more information, please visit*

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