



## Renewable heat pump replace storage heaters in rural Wales

John and Lynne Lewis replaced their expensive storage heaters with an air source heat pump, solar Photovoltaic (PV) panels and an underfloor heating system from approved Ecodan Installer Ice Energy.

"We were looking to be green and mean with bills with a view to future proofing our energy bills in our retirement", explains John Lewis.

**"Rising fuel costs were a consideration as was better efficiency, system longevity and lower maintenance costs."**



Air Conditioning | Heating  
Ventilation | Controls



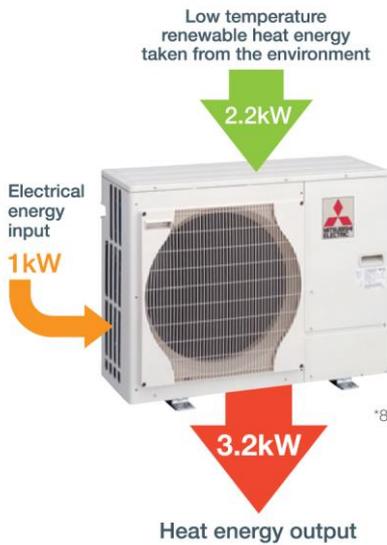
**ecodan**<sup>®</sup>  
Renewable Heating Technology

# Heating

## Case Study

Wales  
May 2013

Making a  
World of  
Difference



**ABOVE: How an Ecodan heat pump system works.**

The Lewis's have found living with an air source heat pump to be both effortless and comfortable, with the Ecodan delivering all they could ask for.

"We run it at 22 degrees 24 hours a day, seven days a week and are toasty", adds John. "We have full time confidence that we will be warm, that cost is not an issue and our arthritis has been less painful".

**"Between 24 May 2013 and 10 July 2014 our electricity costs were £1,168.97, which is pretty good considering there is no gas or other fuel available to us".**

During the same period the Feed-in-Tariff payments for the couples solar pv system amounted to £1,807.51 so the system has provided an excess of £638.54.

The couple undertook long and thorough research before choosing Ice Energy to install the systems and have been delighted with the service: "Ice Energy supported us completely throughout the installation which took about a week", explains John.

"A blip with the sub-contractor was addressed properly and all Ice Energy staff contacts have been nothing if not supportive, warm and professional – we absolutely trust them. I have recommended Ice Energy scores of times and will continue to do so."

**To find out how you could benefit from heat pumps and the Renewable Heat Incentive call Ice Energy free on 0808 145 2340 or visit [www.iceenergy.co.uk](http://www.iceenergy.co.uk)**

## Installation Summary

**Property type:**  
3-bedroom, detached bungalow built circa 1999

**Product installed:**  
14kW Mitsubishi Ecodan Air Source Heat Pump with a 4 kW solar PV system

**Distribution system:**  
Underfloor heating throughout

**Installation date:**  
May 2013.

**Previous heating system:**  
Electric storage heaters.



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Certificate Number: MCS 1 P0002  
Product Type: Heat Pump  
Product Reference:  
P.U.I.Z.-W10101A-(BS), P.U.I.Z.-W10101A2-(BS)  
P.U.I.Z.-W110101A-(BS), P.U.I.Z.-W110101A2-(BS)  
P.U.I.Z.-SW10101A, P.U.I.Z.-SW10101A2, P.U.I.Z.-SW120101A,  
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