

## Case Study - Solar Water Heating

### Mr & Mrs Adams, West Lothian

In April 2009, On Site Generation completed the installation of a Viessmann, solar water heating system for Mr and Mrs Adams in West Lothian. The system uses an evacuated tube collector and an additional solar hot water cylinder working alongside the Aga.



#### Installation Details

Collector:	Viessmann Evacuated Tubes
Size:	4 m <sup>2</sup>
Solar Storage:	210 litre pre feed cylinder
Savings:	1,500 kWh of free hot water 285 kg of CO <sub>2</sub> saved per year
Funding:	30 % SCHRI grant

#### Customer Comments

"Today was wall to wall clear sun. The tubes started picking up significant heat, having started the day covered with thick frost: -3 °C here last night, as soon as they were out of roof shadow at 9.30 am for the rest of the day. The highest temperature I noticed at the panel tops was about 75 °C and the solar tank indicated 59 °C about an hour before sunset. The Viessman system has performed superbly."