

On Site Generation sets a new standard



Richard with NICEIC's auditor Ian Fleming

On Site Generation is delighted to announce that we have been successful in gaining Microgeneration Certification Scheme (MCS) accreditation for solar water and heat pump installations.

We are the first company in the UK to be accredited to the MCS standard by new certification body NICEIC.

Ian Fleming of the NICEIC group spent two days with OSG assessing our quality procedures and our installations.

Richard Witney of OSG said "We are thrilled to have achieved MCS a major step forward for On Site Generation. MCS certification enables our clients to access grant funding for installations, small business loans and future feed in tariffs and is vital for the growth of the business."



New Training Course Dates

We are running 2 more Renewable Energy Training Courses on:

- 8th and 9th September
- 3rd and 4th November



At the Midlothian Innovation Centre, Roslin, EH25 9RE

Cost £350 (+VAT)

Please follow the link
<http://www.onsitegeneration.co.uk/training.php>

Solar water heats up in West Lothian cottage

In April 2009, On Site Generation installed a Viessmann solar water heating system for Mr and Mrs Adams in West Lothian. The system uses a 4m² evacuated tube collector and an additional 210 litre solar hot water cylinder working alongside an Aga.

Mr & Mrs Adams are delighted with the system. "Today was wall to wall clear sun. The tubes started picking up significant heat, having started the day covered with thick frost.

The highest temperature I noticed at the top of the panel was 75°C and the solar tank was at 59°C about an hour before sunset. The Viessmann system has performed superbly."

OSG would like to thank Hugh Wallace of Glendevon Energy who commissioned the system with us.



Paul installing Viessmann evacuated tubes.

Hertha joins OSG for the summer



Hertha fusion welding ground source heat pump pipes at Eddleston.

Hertha is working with On Site Generation over the summer. She is a third year student at the University of Edinburgh studying Mechanical Engineering with Renewable Energy.

Hertha previously worked as appropriate technology co-ordinator at Sunseed Desert Technology in the south of Spain, which involved maintenance of solar photovoltaic and solar thermal systems.

She has been an active member of the management committee of Edinburgh Powerpod, a peer education project delivering renewable energy workshops in schools.

She has volunteered for Woodcraft folk over the last eight years. This has included involvement in many energy projects, both educational and practical. She has been involved in plumbing work installing solar thermal systems and is at present designing a micro-hydro scheme with friends.

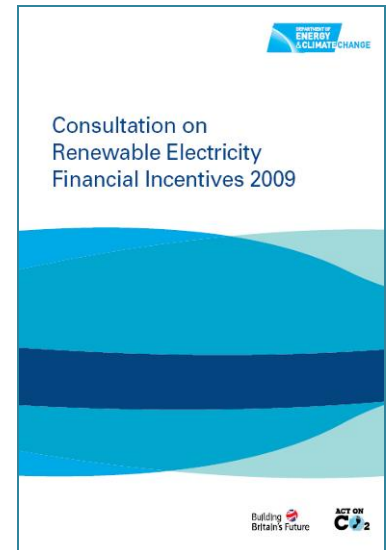
While at On Site Generation, Hertha is taking part in the Business Environment Partnership's Environmental Placement Programme. Her project is looking at retrofitting renewable energy into buildings, including the Scottish Maritime Museum Linthouse in Irvine and Whitsome Ark village hall.

Government announces feed in tariff

The UK Government opened its consultation on feed in tariffs earlier this week. Feed in tariffs (FITs) will provide microgenerators with a fixed payment for every unit of energy generated. The proposed rates are 36.5p/kWh for small PV installations and 23p/kWh for small wind, which will be guaranteed for 20 years. In addition, generators will be paid an export tariff of 5p and save on bills by using their own electricity generation.

FITs will be introduced in April 2010 for electricity and in 2011 for heat. This is an exciting development that could provide just the boost the renewables industry needs, making small scale generation much more competitive with traditional technologies.

For more information, the consultation document can be found on the DECC website - www.decc.gov.uk



OSG becomes an approved Ecodan Installer



In June 2009, On Site Generation became an approved installer for Mitsubishi and the Ecodan air source heat pump. This comes in either a 5kW, 8.5kW or 14kW unit and can be combined with the new Kingspan hot water tank unit.

On Site Generation is about to start an Ecodan installation for a customer in Ayrshire. With a Coefficient of Performance of 3.3, the savings in the oil consumption for the house and the CO₂ emissions will be significant.

Quotes

"Working at On Site Generation I am gaining skills desperately needed to improve the sustainability of our energy. I'm enjoying being involved in many of the exciting projects going on."

Hertha Taverner-wood,
August 2009

"A fantastic training course, and great value for money considering the huge amount covered in the time. There was an impressive level of detail, a good mix of technical theory and practical application, and being Scotland-specific made it particularly useful. This course should have been around years ago!"

Nick Heath,
Changeworks Ltd
November 2008.

OSG Training Course dates

8th & 9th September 2009
3rd & 4th November 2009

At Midlothian Innovation
Centre, Roslin.

Cost is £350 + VAT

We look forward to
welcoming you on our 2
day training course.

On Site Generation

Midlothian Innovation Centre
Roslin
Midlothian
EH25 9RE
Tel: 0131 440 9020
Email: info@onsitegeneration.co.uk
Web: www.onsitegeneration.co.uk

A cup of coffee with your heat pump

Paul Tilley, our expert solar and heat pump engineer and his wife Aimee will be opening their new coffee shop in Roslin on Tuesday 11th August.

Opening in the original house where Bovril Johnston (of Bovril beef tea fame) was born in Roslin, the coffee shop will provide freshly prepared home baking, lunches, great coffees and of course Bovril.



Bovril Johnston's coffee shop will also be providing the catering for OSG's training courses in September and November and is an ideal spot for a coffee and a chat about renewables with the owner.

Historic Buildings and Renewables



The Scottish Maritime Museum

Improving the energy use of existing buildings is an essential part of reducing our carbon emissions.

On Site Generation is working to find the best ways of using renewable energy in historic buildings whilst preserving our cultural heritage. We are conducting a feasibility study for an 'A' listed Victorian engine shed currently being used as a museum. One option is to use Building Integrated Photovoltaics (PV), in particular transparent PV which can be installed in place of normal glazing, keeping the visual impact to a minimum.

Who we are

On Site Generation Ltd is a renewable energy company, which supports the reduction of carbon emissions in homes, businesses and communities. We install renewable energy systems and provide expert energy and environmental consultancy and renewable energy training courses.

We are here to help you reduce the amount of energy you use and can design, install and maintain renewable energy systems including solar water heating, heat pumps, biomass boilers and wind turbines.

www.onsitegeneration.co.uk

