

APPLIED RENEWABLES 2

HEAT PUMPS AND SOLAR THERMAL INSTALLATIONS

Course number: 1125

Tutor(s): Graham Johnson and Doug Johnson

Date(s): Thurs 20th October

Price for participants: Non-residential £125

TIMES:

Start time:	09:00
Finish time :	17:00

COURSE CONTENT:

- Heat Pumps
 - Building design and heat pumps –design considerations
 - Overview of heat pump types
 - Sources of heat – soil, air, water
 - Selection of heat pump type
 - Market overview – manufacturers
 - Typical installations
 - Commissioning
- Solar Thermal
 - Main types
 - Design principles
 - Integration with other systems
 - Typical installations

AIM:

To give provide a sound knowledge of the different factors involved in the selection , installation and integration of Heat Pumps and Solar thermal systems, into new or existing buildings . This course will arm you with all the information you will require when selecting potential designs or installers.

TIMETABLE:

The training will start promptly at 9.00am, and students are encouraged to ensure that they arrive early; coffee and tea will be available from 8.45am.

The day will be a mixture of formal presentations and informal group discussions, in a workshop format. Students will have an opportunity to look at some operational renewable energy installations at the sustainability centre.

ABOUT RENENERGY AND THE TUTORS:

RenEnergy Ltd are renewable energy company that specialise in the Design Supply and Installation of a wide variety of renewable energy solutions for building professionals, architects, M&E consultants, specifiers and self builders. Projects include domestic premises of all sizes and types, commercial offices, industrial units, village halls and churches. They are MCS approved installers for all types of heat pumps, solar thermal and solar PV installations.

RenEnergy specify and install a wide range of high quality products to reduce energy consumption, and carbon footprint.

RenEnergy have a purpose built office and training centre for renewable energy nr Norwich, and have a Hampshire branch just north of Petersfield. This allows them to cover a wide area of East Anglia and South East England.

Graham and Doug Johnson are both directors of RenEnergy, and engineers by training. They have a wide range of sales, operational, commercial and technical knowledge regarding renewable energy solutions and practical energy efficient installations.

TARGET AUDIENCE:

This course is aimed at self builders, architects & specifiers and anyone else with an interest in this particular type of renewable energy.

STUDENTS SHOULD BRING/WEAR:

Clothing for indoors and outdoors
Pen and notebook

Lunch will be provided by the Beech Café at the Sustainability Centre

STUDENTS WILL BE ABLE TO TAKE HOME:

A certificate of attendance
Handouts

There will also be an opportunity to purchase selected books from Permanent Publications at a discounted price.

CONTACT DETAILS:

You can now book online at www.sustainability-centre.org

For enquiries or bookings by phone, post or email please contact Raina Jones on courses@sustainability-centre.org or 01730 823166

Gift vouchers are now available for adult courses