



Site Surveys for Solar Thermal Systems

Introduction

4 Elements site surveys are designed to help you make an informed decision about investing in Solar Thermal renewable energy systems. For a modest outlay you can gain the benefit of 4 Elements experience in renewable energy technology. It provides the opportunity for you to ask 4 Elements personnel any questions you may have about solar thermal systems, from the most basic to the more complex – we will ensure you get the right advice.

The Aim of a Solar Thermal Site Survey

The main aims are:

- To produce an assessment of the potential for solar thermal renewable energy technology to fulfil your hot water needs
- To suggest products and associated outline costs
- To inform of timescales for delivery and installation

How they are conducted?

Our solar thermal surveys are usually conducted in half-a-day visit. They consist of an onsite assessment followed by offsite research, the results of which form the basis of a written recommendation together with an overview of the available technology. Our aim is to deliver a feedback report to you within 5-working days.

Solar Thermal Site Survey Details

Onsite Assessment

This step consists of an assessment of the location/orientation of your proposed site for solar thermal and includes all or part of the following:

- Review of current and future hot water requirements
- Assess roof area taking orientation and elevation into account
- Assess usable area for the solar thermal system
- Note obstructions such as chimneys, antennae, satellite dishes etc.
- Assess integrity of roof or proposed site for solar thermal system
- Note any trees (approximate distance and height)
- Note any overhead lines (electricity and telephones and associated poles or towers)
- Note other shading: building projections, dormer windows etc...
- Assess suitability of current hot water storage tank

Offsite Assessment

This step consists of a:

- Review of metrological data for your location to assess potential solar thermal hot water generation
- Determination of possible systems for your requirements along with outline costs and delivery timescales
- Concise written document outlining findings potential systems and outline costs

Cost of a Survey

The cost of a '4 Elements Solar Thermal Survey' start at £350 excluding VAT. If you decide to go ahead with a 4 Elements solar thermal system we will deduct the cost of the survey from the price of the system. The invoice for the survey will be rendered along with our final written report and out payments terms are 14 days from invoice date. We accept payment via electronic payment transfer such as BACS or PayPal.

Assumptions

All work is conducted at a single site in mainland UK. Although your presence is not required at all times access may be required to various locations such as loft and roof space.

4 Elements Profile

4 Elements provide a total solution for your renewable energy needs, from practical advice to providing our extensive range of Renewable Energy Products to provide reliable, clean and green power for a variety of applications such as:

- On-grid/Off-grid Domestic & Commercial power micro-generation
- Off-grid electricity and hot water for remote buildings
- Solar powered borehole pumping and irrigation systems for agriculture
- Remote sensors and monitoring systems

We help our customers by:

- Helping them understand the most appropriate technology
- Specifying systems
- Sourcing and supplying high quality products
- Project Managing the installation and commissioning of new systems

We provide only high quality branded products, such as Sharp PV, Schüco solar thermal panels, Sonnenschein deep-cycle storage batteries, Victron power inverters etc... all come with extensive manufacturers guarantees giving you peace of mind and protecting your investment.

To learn more about 4 Elements visit www.4elements-uk.com or call us on 01844 210960.