



Solar Wizard

Pricing Document

G-Cloud 15

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1 Who we are

The Centre for Sustainable Energy (CSE) is an independent national charity, established in 1979 to tackle climate change and end the misery of cold homes. We undertake practical work to support households and communities to take action on energy, alongside original research and analysis to inform local and national policy.

We help communities and local councils to understand energy issues, set priorities, and put plans into action. Our research and analysis work focuses on making the energy system greener, smarter and fairer.

CSE's Research Team has extensive experience of data modelling and of creating web-based tools including the London Heat Map, the National Housing Model, the Impact community carbon calculator and the THERMOS tool (used by DESNZ to identify heat network zones across the UK).

2 What is Solar Wizard

Solar Wizard calculates the potential to generate electricity from rooftop solar panels for homes in England, Scotland and Wales.

Designed for use by local authorities, individual households and communities, Solar Wizard uses multiple datasets to generate building-specific estimates for power generation, installations costs and savings on bills, as well as how much carbon could be saved per year. It considers factors such as roof orientation and pitch, and the potential for overshadowing from nearby features like tall buildings or trees.

The outputs from Solar Wizard will allow you to understand the solar pv potential for your area and will inform climate action plans and solar engagement campaigns for residents as well as support local installers and green jobs through increased solar pv take up.

There are two main functionalities accessible through Solar Wizard:

1. Multiple building analysis – available through annual subscription. This allows users to view solar potential across multiple buildings to determine which are most suitable for solar PV. Users can also run financial modelling to see which have the best yield across an area.
2. Individual building look-up – available free of charge to residents. Residents and building owners can view the potential of any building for which we have data across England, Wales and Scotland simply by inputting the postcode.

Solar Wizard uses LiDAR data as its main data source. LiDAR information comes directly from the following government environmental bodies, Environment Agency (England), Scottish Environment Protection Agency, Natural Resources Wales.

3 Annual subscription costs

Number of buildings within your area with usable LiDAR data.	Price
0 - 50,000	£4,000
50,000 - 100,000	£5,000
100,000 - 150,000	£7,500
150,000 - 200,000	£8,000
200,000 - 250,000	£10,000
250,000 - 300,000	£13,000
300,000 - 350,000	£16,000
350,000 - 400,000	£19,000
400,000 - 450,000	£22,000
450,000 - 500,000	£25,000
500,000 and over	Price on request

Nb: Only buildings with valid LiDAR data can have their solar potential calculated by Solar Wizard. For this reason, pricing is based only on the number of buildings in your area that have LiDAR coverage.

By calculating your annual subscription this way, you only pay for the buildings that Solar Wizard can genuinely analyse and provide results for, helping you save money.

4 Services included

The following services are included in the annual subscription fee.

- Full onboarding process including:
 - Set up and hosting of a secure public-facing Solar Wizard mapping interface for the area within the local authority boundary, for an initial period of one year. Option to renew annually.
 - Branding of the public-facing Solar Wizard mapping interface with local authority logo on the condition of image file is made available in a suitable format.
 - Creation of up to eight user accounts to provide access to premium features (including the ability to select multiple buildings, run detailed financial modelling and export data) to local authority staff and/or nominated external partners. Extra accounts can be provided on request at additional cost.
- Continuous maintenance and monitoring of the service, to include but not limited to:
 - Updates to the cost data at least twice a year to align with new information supplied by the Microgeneration Certification Scheme.
 - CSE will meet the security protocols set out in the Ordnance Survey PSGA Members Licence.

- CSE will monitor LiDAR updates and apply them as part of planned maintenance if applicable. In the event of an update significantly improving coverage of an area CSE reserves the right to apply an additional charge as detailed below.
- Provide a dedicated Technical Account Manager who is responsible for:
 - Providing training on how to use the tool, limited to the eight named account holders via a Microsoft Teams event.
 - Email technical support service from Monday to Friday during normal business hours.
 - Alerting users to any planned or unplanned service outages.
 - Running the Solar Wizard Steering group and inviting users to actively influence the road map.
 - Management account administration.
 - Providing audit reports on request.
- Full contract termination service:
 - Deactivate accounts.
 - Secure removal and deletion of customer data. Customers are responsible for extracting data they wish to keep before the contract is terminated. CSE can provide this service for an additional cost.

5 Notes on costings

- VAT will be charged at the prevailing rate (currently 20%) and is subject to our standard terms and conditions.
- Payment to be made in full once the Service Level Agreement (SLA) is signed.
- Additional functionality requests will be considered by the Solar Wizard steering group and if approved included in the planned roadmap. Delivery of functionality ahead of the roadmap is chargeable and will be costed based on our standard date rates. A quote can be provided on request.
- Additional services, such as training and full data extraction are chargeable and will be costed based on our standard date rates. A quote can be provided for these on request.
- Additional user accounts can be added above the eight included at an additional price of £250 per user.
- The first day of the subscription will be the day the users are issued with their login details

6 Community engagement services

CSE are specialists in community engagement and offer a range of event formats and content to help promote and support the rollout of community solar campaigns. Their approach is designed to increase awareness and encourage more people to take part. We would welcome the opportunity to talk to you to help design a community campaign. Whether through direct engagement with residents and community groups or running bespoke events in your area, working with you as a trusted partner will help increase impact. Contact us on solar@cse.org.uk to discuss a package to suit your budget.