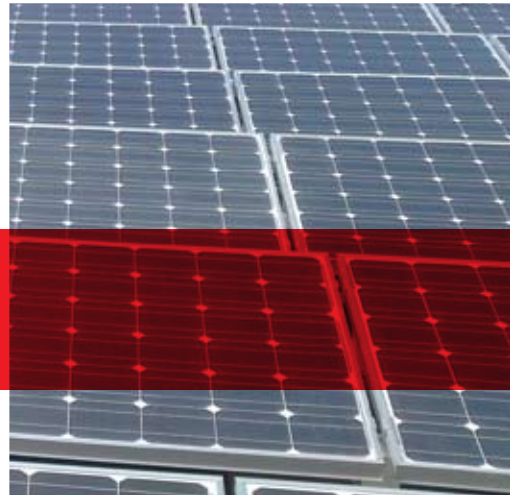
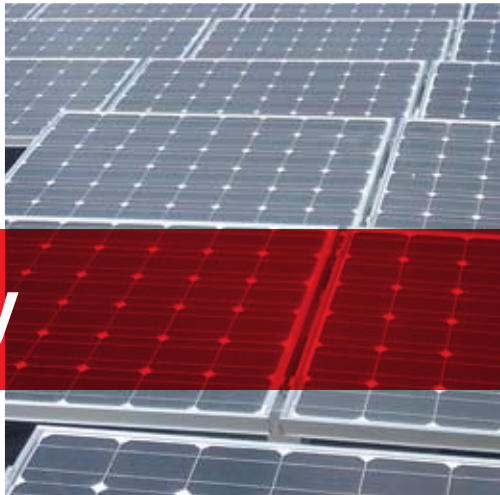




P H O T O N
E N E R G Y

Photon Energy specialises in the design, supply, installation and maintenance of solar photovoltaic (PV), solar thermal and small-scale wind energy systems

Leading the way with renewable energy



The Company

Photon Energy specialises in the design, supply, installation and maintenance of solar photovoltaic (PV), solar thermal and small-scale wind energy systems. Established in 2006, Photon Energy has become one of the UK's leading independent installers of microgeneration technologies.

With our headquarters in Reading and offices in Huddersfield and Swanley, Kent, we have a strong presence throughout the UK.

In 2010 we installed over 1 MW of solar PV on:

- Residential developments and domestic properties (new build and retrofit).
- Commercial and agricultural buildings.
- Schools, colleges and universities.
- Council offices, hospitals, fire stations and prisons.
- Supermarkets, warehouses and distribution centres.

We work alongside investors and developers as well as architects, contractors, structural and M&E engineers, to ensure our systems are designed to achieve their optimum performance.

As a certified installer under the government's Microgeneration Certification Scheme (MCS) we are committed to delivering a high quality, value for money service to our customers.

Our Services

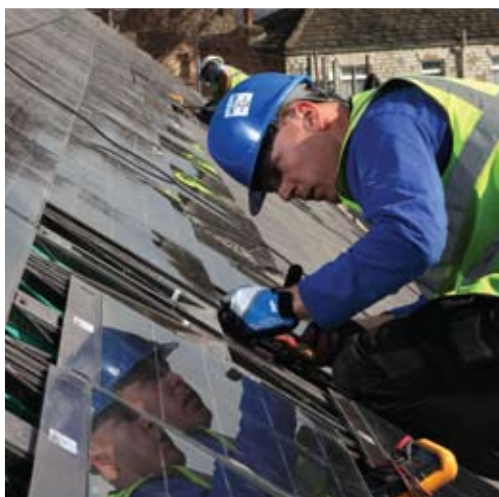
We are an engineering, procurement and construction company offering a turnkey service for the design, supply, installation and commissioning of a broad range of solar PV and solar thermal systems as well as wind turbines.

We have our own team of design engineers and installation teams to ensure a seamless delivery. We are equally comfortable acting as principal contractor as we are working through main contractors or M&E contractors.

To support our customers, we also offer long term maintenance contracts. For solar PV this typically covers a visual inspection and electrical test every 12 or 24 months and a full electrical and mechanical inspection every five or six years.

We also offer a lease-purchase option to spread the capital cost of an investment. The lease can be structured so the income and savings under the feed-in-tariff are sufficient to cover the cost of the lease payments.





Our Clients

We work for a wide range of customers including:

- Main contractors and M&E contractors – we have worked with some of the country's largest main contractors including Bovis Lendlease, Willmott Dixon, BAM Construction, Carillion, Kier Group, Morgan Ashurst and Volker Fitzpatrick.
- House builders – our clients include Hill Partnerships, Persimmon Homes and Leadbitter Homes.
- Housing Associations and ALMOs – we have installed PV systems for Kirklees Neighbourhood Housing, South Essex Homes and City South Manchester Housing Trust.
- Local authorities, NHS Trusts, Prisons and Fire Services – Kirklees Council, Glasgow & Greater Clyde NHS Trust, HMP Highdown, Bramshill Police Training Centre, Croydon Fire Station.
- Universities and further education colleges – University of Greenwich, Amersham College.
- Schools and community centres throughout the country.

Our Certifications

We are committed to providing high quality services to our customers and we have been certified by the following schemes or organisations:

- Microgeneration Certification Scheme (MCS) for the installation of solar PV, solar water heating systems and wind turbines (Certificate number 1037). Our certification is from BRE Global.
- NICEIC Approved Contractor (NICEIC is the National Inspection Council for Electrical Installation Contracting, an independent consumer safety organisation).
- Contractors Health and Safety Assessment Scheme (CHAS).
- SMAS – Worksafe Contractor Membership.
- Our Quality Management System is certified to BS EN ISO 9001:2008.
- Constructionline registered – the UK's register of pre-qualified local and national construction and construction-related suppliers.
- Renewable Energy Association's Assurance Scheme for the installation of solar PV, solar thermal systems and wind turbines.
- Accredited installer/service partner for Schuco, Sharp, LDK, Mitsubishi, Fronius, SMA, Evoco Energy, Evance and Skystream.

Our Ethics

We recognise that our commercial activities have the potential to impact on both our immediate locality but also on the wider environment. We take great care in selecting the companies who supply us with products and services. We have an ethical trading policy to ensure our suppliers meet internationally accepted standards for human rights, labour standards, the environment and anti-corruption.

As a socially responsible business, we endeavour to ensure that:

- All products we supply are manufactured under working conditions that meet international safety standards.
- All workers involved in the manufacture of products and the delivery of services which we provide are treated with full consideration of their basic human rights.
- We always strive to act in an ethical manner which is above and beyond basic legal requirements.



Our Technologies

We offer three technologies: solar PV, solar thermal and small wind. We are not tied to any particular supplier so we can supply and install products from a range of manufacturers and suppliers, giving us increased flexibility in meeting the needs of our clients. All the products we install are certified under the Microgeneration Certification Scheme and are therefore eligible for the feed-in tariff.

Solar PV systems

We offer a wide range of solar PV systems from 1 kW to 5 MW in size, and these can be mounted on roofs or on the ground. Our skilled team of professional engineers can design a solar PV system for almost any roof area or roof type.

All our solar PV systems are supplied with a five year installation warranty. Most PV modules have a 25 year power output warranty. Most inverters carry a five year warranty.

Solar thermal systems

We offer a range of solar thermal systems, mainly on new-build construction projects. We have three main suppliers – AES and Schuco for flat plate collectors and Thermomax for evacuated tubes.

All our solar thermal systems are supplied with a two year installation warranty. Most solar collectors carry a five year manufacturer's warranty.

Wind turbines

We offer a range of wind turbines from the small 2.5kW Skystream, the 5kW Evance and the 10kW Evoco turbine. We also offer larger wind turbines (up to 250 kW) on a project by project basis.

All wind turbines are supplied with a two year installation warranty. Most turbines carry a five year manufacturer's warranty. Most inverters carry a five year warranty.



Leading the way with renewable energy

To find out more about Photon Energy, contact info@photonenergy.co.uk or 0118 925 5289 or visit www.photonenergy.co.uk



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