



ICB

Sustainable Roofing Solutions

Solar Solutions



INTRODUCING ICB SOLAR SOLUTIONS

ICB is leading the way in the growing market for solar energy solutions and offers one of the widest ranges of products and systems on the market. ICB works in partnership with specifiers, main contractors and industry professionals and building owners to realise the full potential from every solar project.

Every ICB installation is Microgeneration Certification Scheme (MCS) approved to ensure that building owners gain maximum benefit from new Government Tariffs. ICB is a member of the Renewable Energy Association (REA) and the REAL assurance scheme.

The company has developed an enviable reputation for supplying and installing quality products, reliability and technical excellence - a market leader setting the pace for the rest of the industry.



WHY ICB (PROJECTS) LTD?

ICB (Projects) Ltd is a Microgeneration Certification Scheme (MCS) approved installer of Solar PV systems and member of the Renewable Energy Association.

A sister company of ICB (International Construction Bureau) Ltd., which has been supplying quality sustainable roofing related products to the UK construction industry for over 25 years, we carried out our first Solar PV installation in 2004.

Since then we have gained experience with many different types of Solar PV systems, and become specialists in thin film PV, forming strong partnerships with European companies, mainly in Germany where Solar PV is a well-established business. This enables us to offer the technical support and logistical expertise required for all sizes of installation.

ICB Projects' technical staff are dedicated, experienced and qualified renewable energy engineers. Not being limited to a single panel manufacturer or technology allows us to create bespoke designs for each project, and not make one solution fit all.

We are fully qualified to handle the complete Design, Supply, Installation and Commissioning of the Solar PV system.



WHY SOLAR?

Despite not living in one of the sunniest countries, Solar PV is still an ideal technology to use in the UK. With silent operation, little visual intrusion and often requiring no planning permission, Solar PV can be installed quickly and be generating energy from the moment it is commissioned.

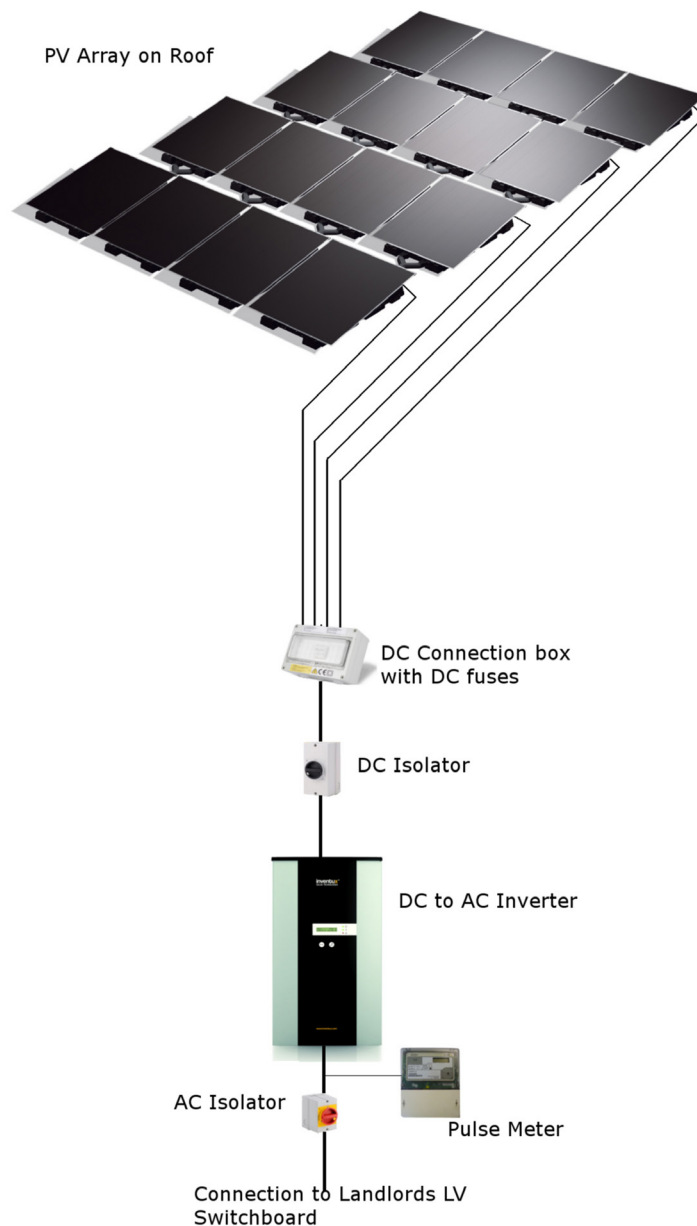


BENEFITS

- Clean production of energy
- Can be building integrated or added
- Cuts CO₂ emissions
- Only roof system which pays back
- Can help with planning applications
- Works with diffused light
- Silent electricity generation
- Simple maintenance



HOW THE SYSTEM WORKS?



FEED-IN TARIFF

Feed-In Tariffs were introduced on 1st April 2010 and replaced UK government grants as the main financial incentive to encourage uptake of renewable electricity-generating technologies.

Even with recent reductions in Feed-in tariff (FIT) payments, Solar PV is still a viable and economic option. We are currently expecting our customers' systems to pay for themselves within 8 years, and with the unpredictability of future energy prices, this could be even quicker.

For the latest information on Feed-in Tariffs please visit:

www.decc.gov.uk/fits/

INSTALLATION PROCESS



1. ICB Solafix System pre welded to the roof, PV Panels lifted & Flat Roof Triangles assembled on-site



2. Flat Roof Triangles fitted to ICB Solafix and mounting rails attached



3. Panels positioned and installed



4. Electrical connections made. Testing & commissioning completed

THE ICB - SOLAFIX FIXING SYSTEM



The ultra-light ICB - SOLAFIX fixing system makes it possible to attach solar panels onto the roof without the need for extra ballast or perforation of the roofing membrane. The development of the system has taken into account the abilities of EVA roofing membranes to have compatible elements welded directly to them. The method will allow a variety of different solar panels to be installed quickly and cost effectively.

ICB - SOLAFIX as a base for photovoltaic panels

The ICB - SOLAFIX system functions here as a base for the attachment of an aluminium sub-structure. The aluminium framework provides the most efficient angle relative to the sun for the PV-panel. The only additional weight that needs to be taken into account is that of the aluminium support structure and the solar panels.

COMMERCIAL

ICB (Projects) Ltd specialises in providing commercial Solar PV solutions for a wide range of individual projects.

Design – from survey or drawings we can produce a detailed solar PV solution to suit your building and your needs.

Product Supply – As part of the UK's biggest suppliers of sustainable, environmentally friendly roofing systems, ICB (Projects) Ltd can supply a range of high performance Solar PV products and systems to deliver the very best in value for money and long term performance.

Installation – Our installation teams are fully trained and qualified to ensure your installation meets the required MCS standards.

Electrical Works – Our fully qualified electricians will ensure the safe completions of the electrical tasks.

Commissioning – A critical part of the process, our teams will enable a rapid final testing and commissioning process for your Solar PV system.



CLIENT LIST:

HOUNSLOW BOROUGH COUNCIL
ISG PLC / MORRISONS
THOMAS VALE CONSTRUCTION
GALLIFORD TRY
ABERDEENSHIRE COUNCIL
ALLENBUILD LTD
LANCASTER UNIVERSITY
CROWN HOUSE
EAST RIDING OF YORKSHIRE COUNCIL
WORCESTER COUNTY COUNCIL
LIVERPOOL NHS

DOMESTIC

For domestic Solar PV installations, ICB (Projects) Ltd will ensure that your system delivers exceptional conversion rates and long term performance to generate cheap, green electricity from sunlight.

Benefits of a domestic Solar PV system:

- Cut electricity bills
- Get paid for electricity generated through Feed-In Tariff
- Reduce your CO₂ emissions.



INTRODUCING ICB (PROJECTS) LTD

ICB (Projects) Ltd provides the installation of specialist ancillary products for flat roofs: **Solar PV, Roof Edge Protection Guardrails, Rooflights & Smoke Vents, Balcony & Terrace Construction, Bespoke ICB Metal Fabrications**, and in addition produces **Roof Condition Reports**, together with an **Electronic & Thermal Imaging** leak detection service.

www.icbprojects.uk.com

 @icb_uk

For further information, please contact:

ICB (Projects) Ltd

Unit 9-11, Fleets Industrial Estate, Willis Way, Poole, Dorset, BH15 3SU UK

Tel: 01202 785200 Fax: 01202 785201 Email: info@icbprojects.uk.com

