



Brighter Energy Solutions

WHY CHOOSE PV FROM SOLAR ELECTRIC IRELAND?



Reduce your electricity bill, Reduce your carbon footprint, Improve your BER rating, Safeguard against increasing energy costs, Silent, odour and maintenance free system.

EXPERIENCE

We have installed more than 2 megawatts of solar PV in the Republic of Ireland, that's 8000 panels, on projects from 2 kilowatt domestics to 250 kilowatts on a huge warehouse. Whatever your building type we will have an installation solution.

PRODUCTS

We have carefully selected products from well-known German and Asian manufacturers that suit Irish conditions and comply with ESB Networks regulations. The products are combined using software that takes into account your location and building type in order to create an ideal solution for your home.

SERVICE

We hold stock of solar modules, mounting systems and inverters. While installation time is normally within 20 days of order we are often able to meet shorter deadlines.

VALUE FOR MONEY

We import directly from Germany in bulk to our cost-effective facility in Wexford. Our prices have dropped by more than 25% over 4 years. We keep costs to the minimum and pass the economies of scale on to you the customer.

SOLAR PIONEERS

Purchasing from us allows you to join the growing band of Solar Pioneers. We share information and give access to new product releases and events.

EXTRAS

In addition to the PV system we can provide monitoring systems to display your production and a diversion system to send surplus power to the hot water tank.



Invest in a system that cuts your electricity costs by up to 50% and pays for itself in nine years or less and enjoy free electricity for the remaining lifetime of the system.

FINANCE

An investment in PV outperforms low bank rates and avoids DIRT tax on savings. Most home owners can take advantage of the home renovation incentive (HRI) tax credit. An improved BER rating will add value to your home.

PROVEN IN IRELAND

We have more than one hundred satisfied customers across Ireland. Our most well-known project in Tipperary is producing above forecast across nine public buildings. Solar PV is now part of Government Energy Policy and is supported by the Sustainable Energy Authority of Ireland.

CARBON EMISSIONS

Reduce carbon emissions – make your contribution to saving CO2 and become more energy independent.

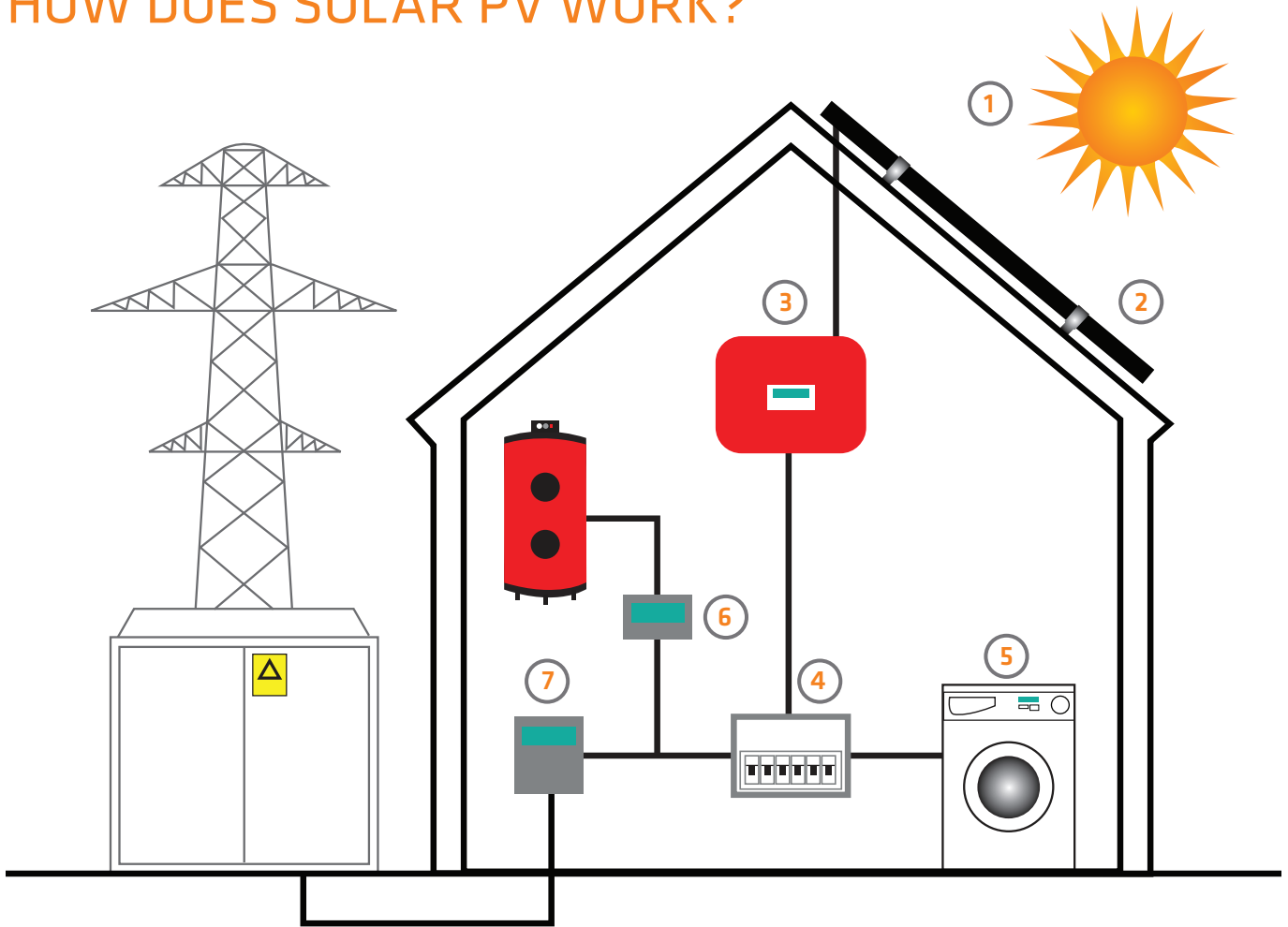
HOW DOES IT WORK?

PV stands for 'photo voltaic' which simply means electricity from light. Solar panels are made up of solar cells made of a thin layer of silicon behind toughened glass. When light falls on the panel a voltage is produced. The solar panels are linked together to form an 'array', and the combined voltage is fed into an inverter which converts the solar power from DC to AC, and connects it to your existing electricity system.

IS MY HOME SUITABLE?

Contact us today by telephone or email with your Eircode or GPS location. We can usually design a system based on Google images of your home together with electricity consumption data. Once you are happy to proceed in principle we can carry out a detailed survey of your premises.

HOW DOES SOLAR PV WORK?



1. LIGHT

The sun gives off light, even on cloudy days.

2. SOLAR PV PANELS

PV cells on the panels turn the light into DC electricity.

3. THE INVERTER

The current flows into an inverter, which converts it to AC electricity ready for use.

4. THE ELECTRICITY

The current is fed into your home's consumer unit.

5. POWERING THE HOME

Plug in and switch on. Your home will automatically use the free electricity generated, then switch back to the grid as needed.

6. THE DIVERTER UNIT

Surplus electricity is automatically diverted to your hot water tank.

7. THE METER

Any electricity you don't use is exported to the grid for others to use.



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