



Going Solar?

It's time to thrive with FREE solar energy...

CELTIC
GReen
ENERGY

The natural choice for low costs!

DOMESTIC • COMMERCIAL • AGRICULTURAL



GENERATE ENERGY



SAVE MONEY



REDUCE CARBON



Let's get you connected...

Celtic Green Energy are the leading renewable energy specialist in Wales providing affordable solar power solutions for all aspects of the community including domestic, agricultural and commercial markets. We advise and match the best energy solutions for an individual's circumstances including matching power consumption, energy storage, planning, location, maintenance and after-care.

We offer a variety of environmentally friendly energy efficient solutions that connects customers to a solar power system to help dramatically cut their energy costs. Our expert team of friendly customer advisors are able to explain the variety of options available that are tailored to an individual's circumstances and budget.

Our long standing relationship with the domestic market provides a good understanding of their needs and help address their concerns for better economic energy solutions. Continually pressing environmental issues, increasing energy market demands and greater economic challenges raises the critical need for affordable solutions. Celtic Green energy are well placed to provide you with the best advice for the best products for the best price



**CELTIC
GREEN**
ENERGY



Making light work of solar energy...

With the fluctuating change in energy prices, consumers are increasingly turning to the power of sunlight and solar energy to avoid the uncertainty of continually rising electricity prices and a desire to become more environmentally sustainable.

Although the process to convert to Solar power may at first sound rather daunting - choosing unfamiliar technology, an uncertainty of performance, a risk of disruptive building work and talk of high installation costs — a call to our friendly customer advisor team will quickly appease your concerns and offer you the best economic solutions to your individual needs.

The solar panel system installation cost is a long term investment that will provide many benefits. Depending on the prevailing energy price tariff, your investment may pay for itself within a few years. Solar power will easily provide protection against growing energy prices and your property will enjoy significantly lower running costs, improved EPC savings and added resale value. If you have an electric vehicle, you will even be able to drive for free with a solar powered charging point.

Control of the installation is easy, you can manage and monitor the system from the convenience of your phone or tablet using connected technology.





APPLIANCES



LIGHTING



EV CHARGING



Naturally advanced energy solutions

We only use the finest quality Tier-1 Solar product technology to offer outstanding performance and durability. This assures our customers for years of maintenance free* reliability providing electricity for life's essentials such as cooking, heating, chilling, entertaining and those memorable days baking with Grandma!

Solar Photovoltaic (PV) panels are made from layers of a semi-conducting material that generates electricity when light shines on to the surface. The cells work using minimal light even on cloudy days, but work best with strong sunshine when more electricity is created. A Solar PV system is made up of several interlinked panels, with each panel generating around 385W of energy in strong sunlight. Typical 4kW systems contain around 10 panels and generates direct current (DC) electricity. As electricity used for appliances is alternating current (AC), an Inverter is installed to convert DC electricity to AC. This electricity can then be used directly during daylight



Solar PV panels with Inverter and Energy Store

for your energy needs, stored in batteries or exported to the National Grid for a nominal payment.

If you want to use electricity after dark, we recommend an optional battery scheme where daylight generated energy can be stored and retrieved later. Alternatively, you can feed electricity back to the National Grid and get paid 15p** for every unit of electricity you export, achieved under the Government's Smart Export Guarantee. Scan the QR code to learn more:



* We recommend an annual product health check for optimised product performance.

** 15p feed in tariff based on Octopus Energy figures June 2023

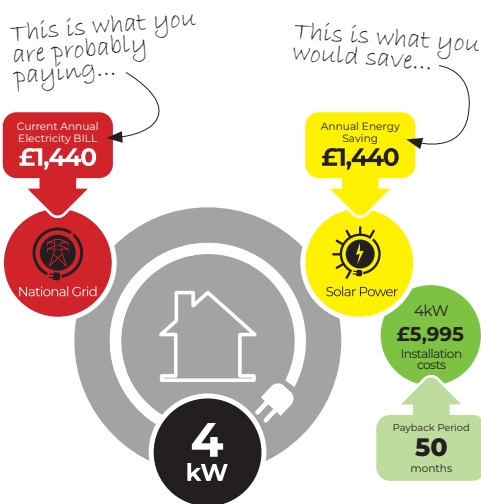


Environmentally friendly economics

Renewable energy is an economically sensible solution for future proofing your home against rising energy bills which is clearly illustrated in the infographic showing a typical price comparison between National Grid and Solar power.

Solar power offers significant benefits including:

- Reduced overheads and savings of up to 100% off electricity bills.
- You can match National Grid energy consumption with Solar power.
- You can store Solar power for use after dark with optional Solar batteries.
- You can run all your electrical appliances such as cooking, laundry, entertainment, heating, radiators, underfloor heating, Air Source Heat Pumps and even charge your electric vehicle with FREE solar power.
- Scan to learn even more about our renewable energy solutions:



DOMESTIC ENERGY RATE COMPARISON
Electric unit price 0.40p kWh - April 2023



SCAN FOR INFORMATION



Use generated energy during daylight hours for immediate use to power electrical equipment.



Store generated energy during daylight hours to use later at night to power equipment.



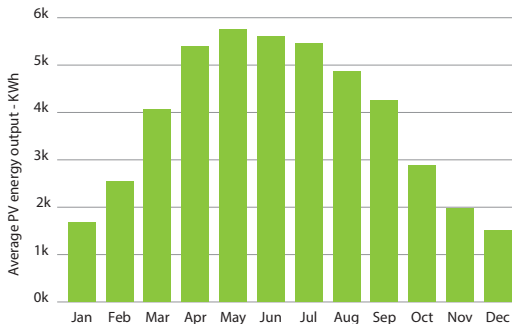
Feed surplus generated energy back into the National Grid and earn on every unit produced.



Supplying power all year round...

In the challenging environment of economic uncertainty, harvesting FREE solar power will provide substantial savings to energy bills – depending on the choice of system and individual circumstances. If most of the energy is used to power equipment during the day, this will achieve the most out of the investment. If energy is predominantly used at night, then energy will need to be drawn from the national grid - or from solar energy stored in optional solar batteries.

As every property would operate under different circumstances with variables in annual consumption, seasonal demand, time of use and environmental constraints, it would be necessary to undertake a thorough evaluation survey to identify the best system tailored for your individual needs. Whenever the sun shines, FREE electricity is generated - even when it is cloudy, saving up to 100% of your annual energy bill.



Solar PV panels will generate electricity all year round. This chart shows a typical 50kw (commercial) system based on 2023 figures at our Cross Hands base in South Wales. Figures supplied by the EU commission.



Our assurance of quality



NAPIT



We pride ourselves on superior quality work, product performance and customer satisfaction. We strive to provide the best possible service with long-term after-care and support. We only use Tier-1 premium quality products that offer the best performance and reliability supported with generous warranties ensuring our customers a promise of high standards conforming to stringent industry codes of conduct and practice.



How to get connected



It all starts with a quick phone call 01269 500388



Call to arrange an on-site meeting with our surveyor.



Discuss your requirements, prepare a detailed outline for the most effective solutions.



Plan and project manage including all paperwork, Building Control and District Network Operator (DNO) requirements.



Plan and arrange system installation with progress updates.

Complete installation, commission system and handover operating instructions with all documentation.



We Care...

Local care, nationwide support

Celtic Green Energy are passionate about customer service and strive to offer the best aftercare support possible. Based in South Wales, we are conveniently located to quickly respond to customers needs and ensure optimum product performance.

When deciding on your new solar system, make sure your supplier is local enough to care and capable enough to cope.

just like Celtic Green Energy!

call us
01269 500388

SAVE
100%
energy
costs

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