

The journey to Solar

Using the sun to power your business

Product series
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**Direct Energy
Solar**

A Centrica Business Solutions company

The Power of Solar



Powering Performance

Solar will help you cut your costs in a truly sustainable way by providing you with a daily source of on-site energy generation



Powering Resilience

When paired with on-site batteries, solar decreases your reliance on grid energy and allows you to cut the risk of disruption to your operations, ensuring your business is 'always on'



Powering the Future

Solar can help drive sustainability and unlock opportunities through the use of innovative technology

An energy solution that's truly sustainable

The global demand for electricity is expected to rise 65% by 2040.* Add to that increasing grid instability due to aging infrastructure and rising fuel costs – and the future of traditional energy supplies looks far from secure.

Being able to harness energy from the sun allows you to generate free electricity. That means every day,

you could be drawing on a natural resource to power your business. Additionally, by combining Solar with a Battery Storage solution you can also safeguard your business when a problem arises with the electric grid. Solar can even help you unlock value from unused assets like your roof and create an additional revenue stream.

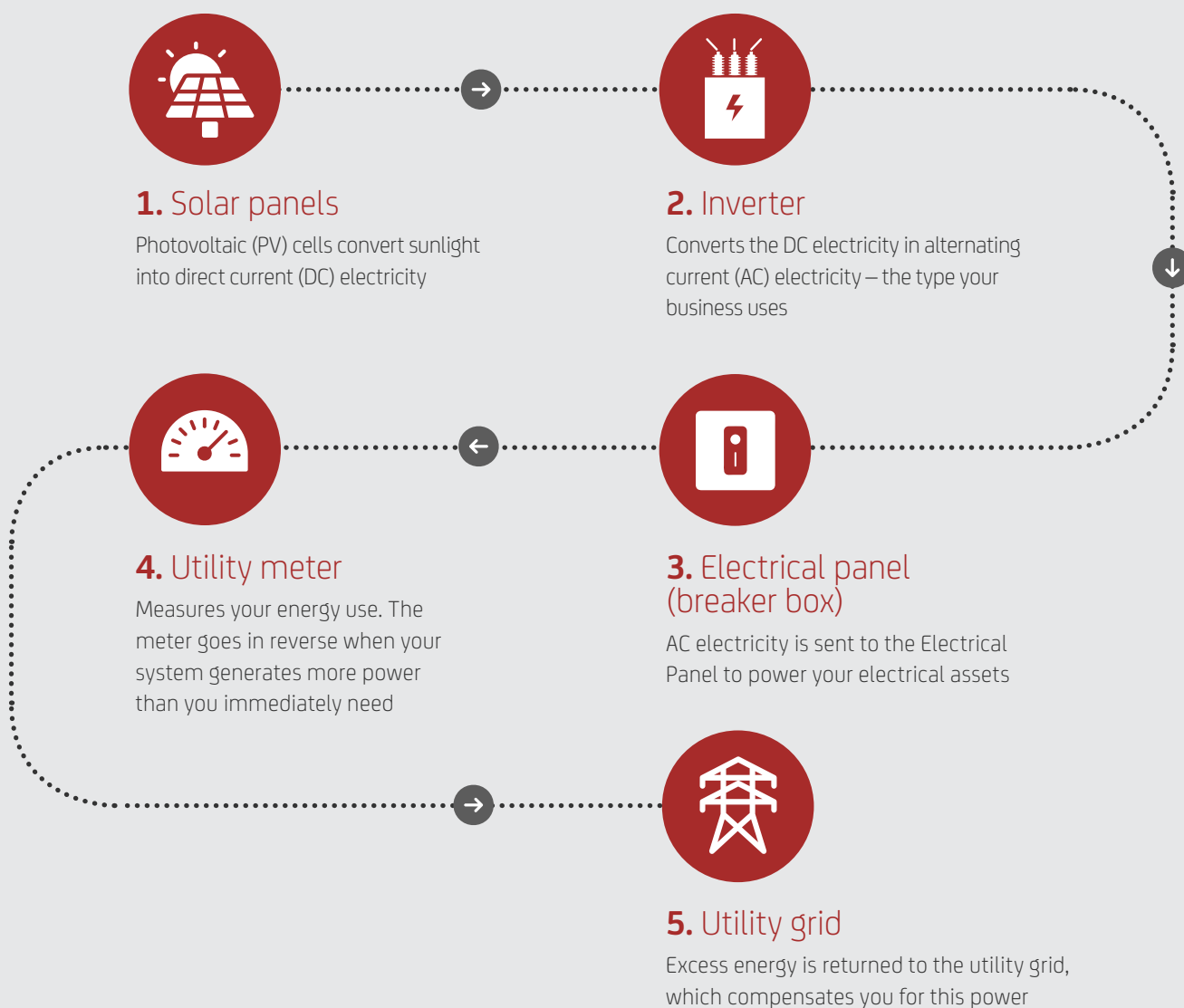
* US Energy Information Administration

How Solar works

A Solar Photovoltaic (PV) System uses energy generated by the sun to power your business. Solar panels are mounted on the roof of a building, on a carport, or on the ground, with their orientation and pitch precision-placed to get the best possible return.

The panels work by absorbing sunlight and converting it into electricity. Inside each panel are PV cells made up of layers of semi-conducting material – most commonly silicon. When sunlight particles

known as photons hit the surface of the PV cells, an electric current is formed. The inverter converts the DC electricity made by the solar panels into the same useful AC electricity provided by the grid.



What can a Solar system do for your business?

Solar is designed to generate electricity using the free power from the sun, cutting your costs and carbon footprint, and even providing revenue for your business.



Lower electricity costs

- Generate a significant percentage of your own electricity
- Reduce reliance on more expensive grid energy



Deliver a reliable energy source

- Solar technology is better and more efficient than ever
- The sun rises every day, providing a consistent source of power
- When combined with a battery, it provides flexibility to store excess electricity and use it when electricity costs are at their highest to help reduce operational costs



Offer an economical option

- Solar is more affordable than ever before
- Flexible financing options and federal, state, and local incentives are available
- In order to optimize the return on investment, every Solar installation is customized to the individual business



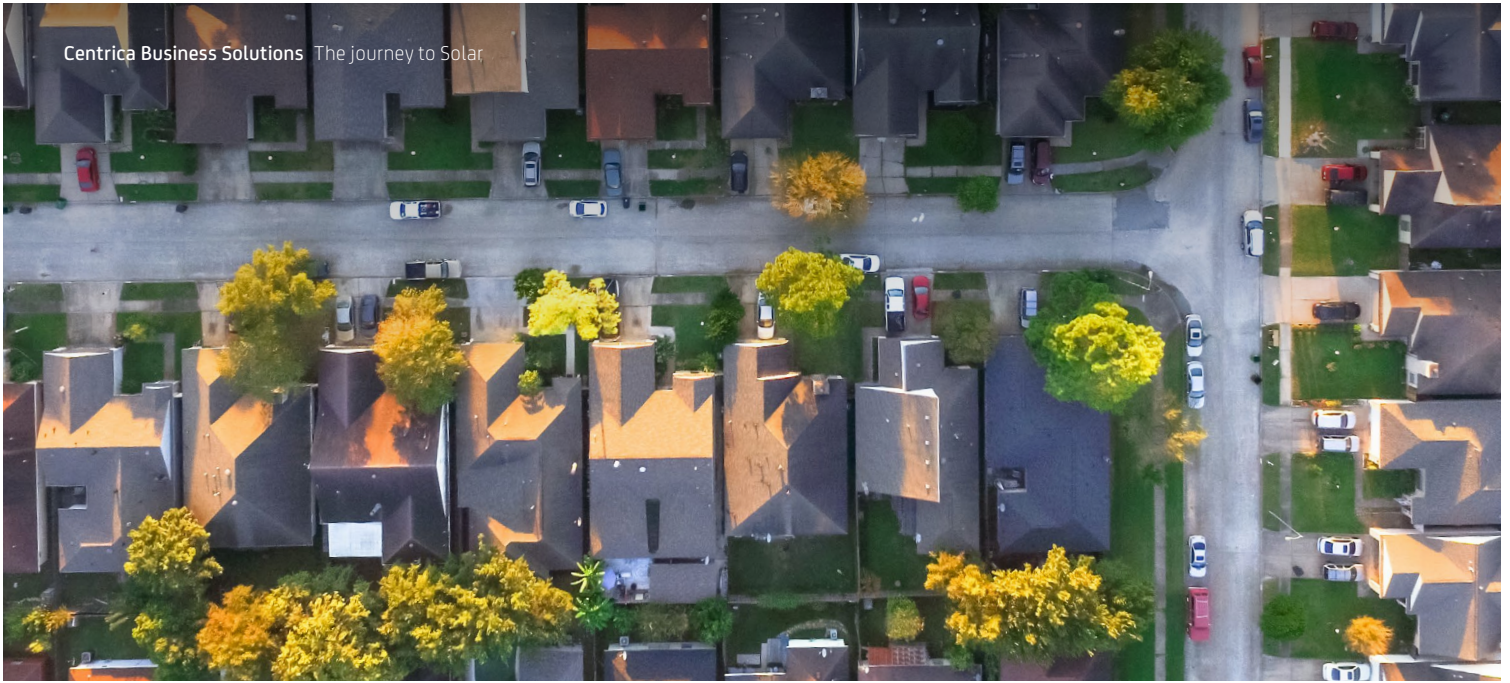
Meet sustainability goals

- Solar power is a completely renewable source of generation
- Solar Panels produce energy without creating CO₂ or pollutants as traditional energy sources do



Give you reassurance

- 10-year production guarantee
- 10-year workmanship warranty
- Manufacturer warranties
- Dedicated customer care



Solar power in action

Embrace Home Loans Savings to embrace

We helped Embrace Home Loans make a seamless switch to Solar Power, a move that will potentially save the business \$1.5 million over the next 25 years.

They wanted a sustainable supply of power

Embrace Home Loans in Middletown, RI is one of the nation's fastest-growing mortgage lenders and bank support providers. Their team are proud of the 100% commitment they offer their customers and community, and are widely recognized for their great work.

But delivering such high levels of care can use a lot of electricity – with over 700,000 kWh a year needed to power the servers and facilities alone. They wanted to reduce their operating expenses and redirect that capital into new loans for their customers. In addition, Embrace was looking to cut their carbon footprint and help meet their Going Green initiative.

Our solar solution shone brightest

Having approached numerous solar providers, Embrace chose us to install the system. We provided the best system design, an industry-leading 10-year

workmanship warranty and 10-year production guarantee, and a customized financing solution using Rhode Island's newly approved C-PACE loan.

Launched by the Rhode Island Infrastructure Bank, C-PACE is an innovative and affordable way for commercial building owners to finance clean energy projects while simultaneously increasing cash flow and improving their building's value.

The results

We secured a state grant for Embrace that covered more than one-third of the system cost. When combined with tax credits and projected energy savings, the total project yielded a 3-year ROI.

After financing the purchase of the system via the C-PACE loan, Embrace utilizes the energy savings to repay the loan, making solar a very attractive financial choice.

Their energy consumption has reduced by 56% and the electricity generated from their system now has a 25-year average cost of \$.056/ kWh versus \$.178/kWh – a very impressive 69% reduction in electricity costs.

56%

OF ELECTRICITY
OFFSET

69%

ENERGY COST
SAVING

Five steps to Solar power

1. Review your needs

One of the main reasons for choosing Solar is to reduce your electricity costs. To determine just how much money you could save depends on the suitability of your site. We will:

- Discuss your goals in depth
- Review your site and electricity usage
- Navigate incentives and local regulatory codes to evaluate your opportunity
- Create a system design and provide an initial quote

2. Final proposal

We conduct an extensive site visit to confirm the initial system design, inspect electrical systems, and confirm the condition of your site. We then present the final proposal to you, showing you exactly how much you can expect to save by installing solar.

3. Designing your solution

We engineer a final structural and electrical design, and apply for all required building and electrical permits.

4. Onsite works begin

Our project managers will work with you to develop an installation plan so that we do not disrupt your business operations. Our team then safely and efficiently installs the solar arrays on-site. We then take care of all the local regulatory paperwork and codes, and work with your local permitting authorities to conduct the necessary inspections before connection to the grid.

5. Go live and monitor

Following extensive testing, your Solar system is live and generating free energy. From start to finish, the project can take three to eight months to complete, but our monitoring and aftercare of your system will continue for the 25+ year life of the system.

Want to know more?

Solar power is generating savings across all types of industry.
Find out how we can help you power new levels of performance today.

centricabusinesssolutions.com/us

