

The journey to Solar

Using the sun to power your business

Product series
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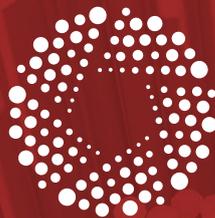
centrica
Business Solutions

The Power of Solar



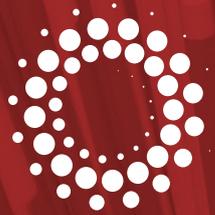
Powering Performance

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



Powering Resilience

When paired with onsite 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 to optimise your energy, turning it from a cost to a potential revenue stream

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 clean electricity. That means every day,

you could be drawing on a natural resource to power your business. Additionally, by combining Solar with a Storage solution you can also store energy for use during expensive peak times, providing relief from ever-increasing demand charges. Solar can even help you unlock value from assets like your roof, allowing you to monetise your energy.

* US Energy Information Administration

What is Solar power?

Solar power enables you to generate your own electricity by converting the power of the sun into electricity. This power can be used directly onsite to deliver a reliable, efficient source of energy at a predictable rate, with an option to store it for later use by adding a Storage solution – lowering energy costs during peak times.

It is 100% sustainable, reliable, and cost-effective – ideal for businesses that want to reduce both energy costs and carbon emissions.

1

Zero cost
electricity generation

2

Reduced operating
expenses

3

Decreased CO₂
emissions

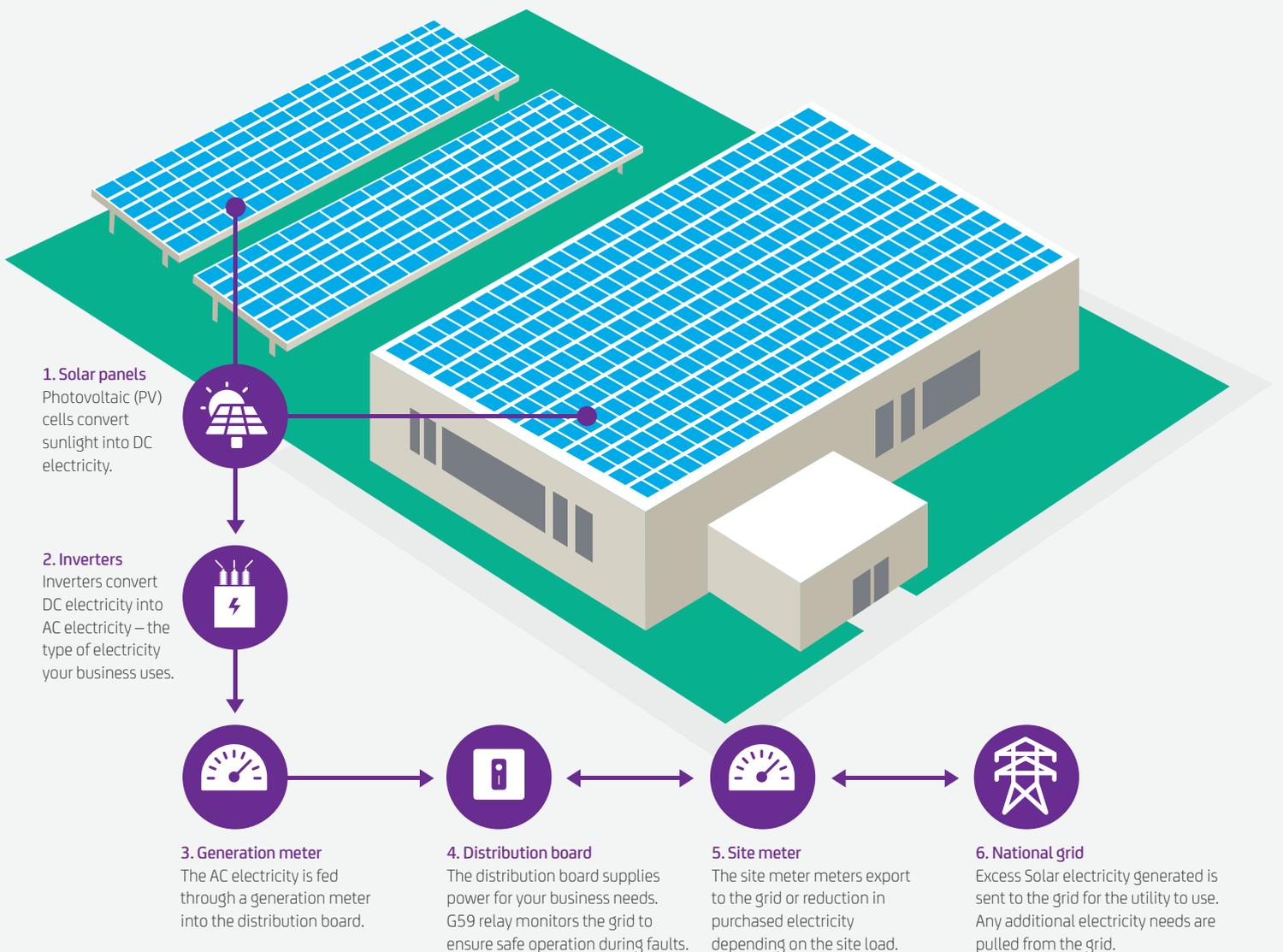


How Solar works

A Solar photovoltaic (PV) system absorbs sunlight and converts it into energy to power your business. Solar panels are mounted on the roof of a building or on the ground, unlocking value from unused assets. They are then oriented and pitched to capture sunlight and maximise production.

How Solar converts sunshine into power

Solar panels work by absorbing sunlight and converting it into electricity. Inside each panel are PV cells made up of layers of silicon. When sunlight particles, or photons, hit the surface of the PV cells, an electric current is formed. Inverters connected to the panels convert the DC electricity made by the 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 power from the sun, cutting your costs and carbon footprint – while delivering reliable, efficient energy at a predictable rate.



Lower electricity costs

- Generate your own electricity onsite
- Reduce reliance on more expensive grid energy
- Shield your business from unpredictable energy prices
- Lock in predictable energy rates with dependable, efficient Solar energy
- Lower operating costs



Deliver a reliable energy source

- Solar technology is better than ever
- The sun rises every day, providing a consistent source of power, even on cloudy or rainy days
- When combined with a Storage solution, Solar stores excess electricity onsite and uses it when electricity costs are at their highest
- Forecast energy spend and operating costs



Offer an economic option

- Solar is more affordable than ever before
- Financially sound source of energy
- Funding options are available – some with no capital outlay needed
- Every Solar installation is customised to the individual business to optimise the return on investment
- Unlock value from roof and land space
- Source of revenue from excess power generated



Meet sustainability goals

- Solar power is a 100% renewable energy source
- Solar panels produce energy without creating CO₂ or pollutants as traditional energy sources do
- Making your own power is good financially and the right thing to do socially
- The panels on your commercial property are visible and constant reminders of your environmental commitment



Give you reassurance

- Maximum return on investment
- End-to-end solution management
- High quality equipment
- O&M packages tailored to site needs
- Workmanship and product warranties
- Performance guarantees
- Dedicated customer care
- Active monitoring

Is Solar right for your business?

The first thing we need to determine is if Solar is the best option for you.

- 1 Do you use a lot of electricity?
- 2 Are you paying a lot for your electricity?
- 3 Do you have available space on your roof or land?
- 4 Do you own you own or rent your building?
- 5 Are you looking to meet certain sustainability goals?

We can help you answer all of the above questions during our free evaluation.



Five steps to Solar power

1. Qualification/scoping

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
- Perform a pricing and benefits analysis
- Present a short proposal

2. Solution development

We conduct an extensive site visit to confirm the initial scope, inspect electrical systems, and confirm the condition of your site.

Within 2–3 weeks of the site visit, we engineer a detailed structural and electrical design customised to your site and energy needs. We design a system layout, schematic and generation estimate.

3. Final proposal

When your solution is finalised by our engineering team following the onsite visit, we present you with your detailed Solar proposal.

We will show you your proposed design, funding options, and how much you can expect to save by installing Solar on your site.

4. Construction

Our project managers will work with you to develop an installation plan so that we do not disrupt your business operations.

Our team safely and efficiently installs the Solar arrays onsite. We follow a site QA and commissioning process and perform compliance checks to ensure quality workmanship.

5. Operation, monitoring and maintenance

Following extensive testing, your Solar system is live and generating renewable energy. Monitoring, reporting, and data analysis are performed by our in-house teams.



Why choose Solar from Centrica Business Solutions?

Combining our extensive experience developing rooftop and ground mount Solar projects with our funding options and tailored system designs, our experienced team can provide the right Solar solution for any business.



Energy expertise

As a global leading energy company, providing efficient, cost-effective solutions to businesses of all sizes and sectors, we are perfectly positioned to deliver a bankable Solar solution for your business.



Worry-free investment

Our O&M offerings ensure your system is maintained for peak performance, and our team continually monitors your system and addresses any issues promptly. We will be with you through the 25+ year life of your Solar system, ensuring you are happy with your decision.



End-to-end management

We will help you maximise savings and provide customised service – from designing your system using inverter options that optimise your system's production, to your system installation using high-quality Tier 1 equipment, to the maintenance and monitoring of your system after it has been turned on.



Experience and track record

Our knowledgeable and experienced team of Solar experts has an accomplished track record in the industry and has developed thousands of Solar projects. We are prepared to help you find the best Solar solution for your business.

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.

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