

Solar in a nutshell

Harness the power of the sun

Product series
September 2018

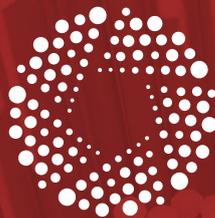


The Power of Solar



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 storage, 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

A truly sustainable solution

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. Customers are demanding more choice and control over their energy – at a lower cost. As a result, businesses of all sizes are considering alternative energy sources.

What if you could significantly cut the costs of your electricity by generating your own onsite? A 100% renewable energy solution is right above our heads.

* US Energy Information Administration

What is Solar power?

Every day, you could be drawing on a natural resource to power your business. Solar power enables you to generate your own energy by converting the power of the sun into electricity.

This power can be used 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.

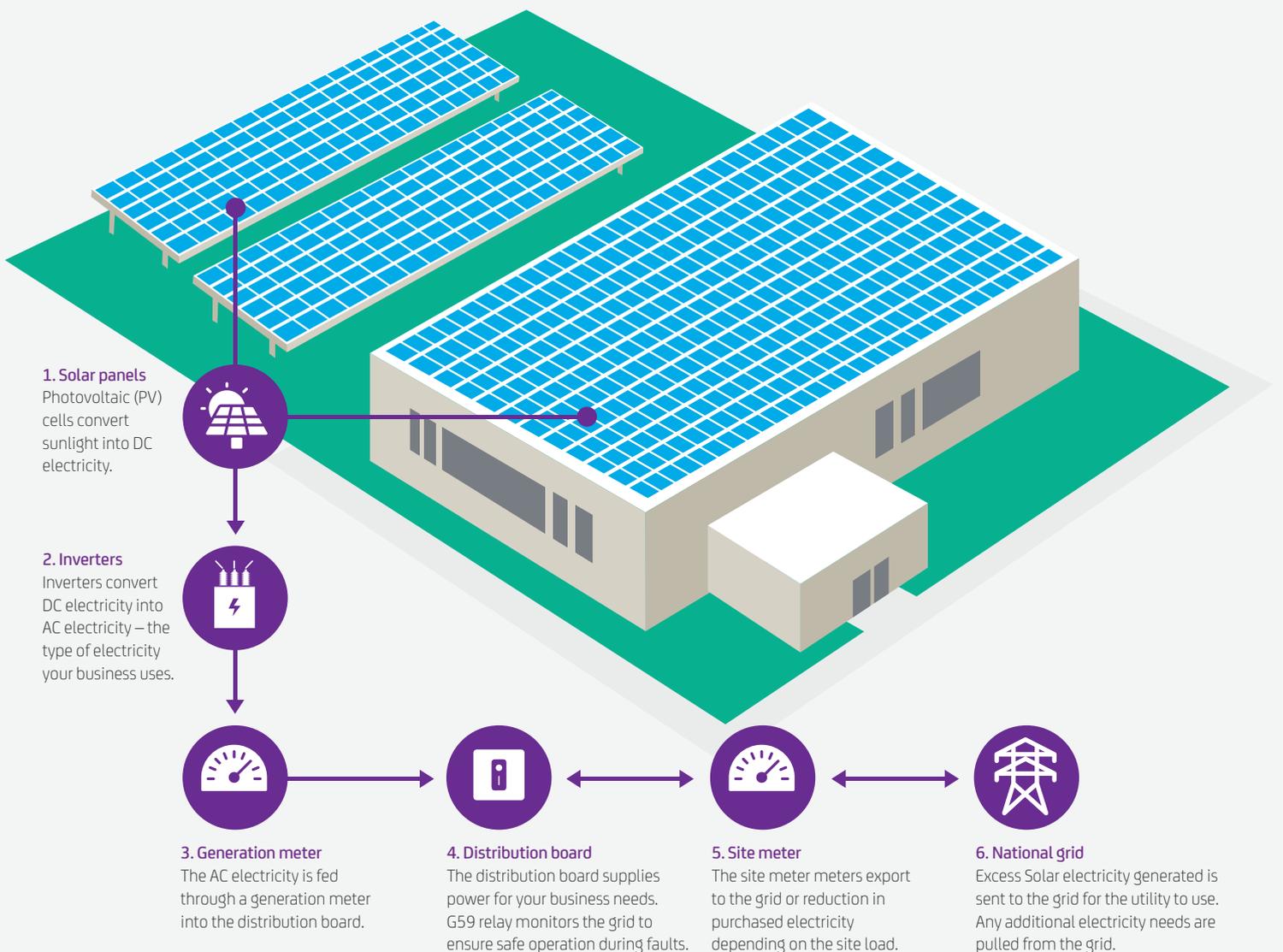


How Solar works

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.



Solar is good for business

Solar is designed to generate electricity using power from the sun, cutting your costs, operating expenses and carbon footprint – even providing revenue for your business by unlocking value from unused assets like your roof or land space.



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



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 industries.
Find out how we can help you power new levels of performance today.

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