

Solar

Power your business with 100%
renewable energy



centrica
Business Solutions

The Power of Solar



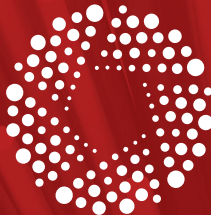
Powering Sustainability

100% renewable, reliable and carbon-free. Installing Solar helps your organization make a positive impact on the environment.



Powering Performance

Become a more financially sustainable business, reduce operational costs or even turn excess power into a new revenue stream.



Powering Resilience

Decrease reliance on the grid and minimize the risk of disruption to your operations by pairing Solar with storage and backup solutions.



Take control of energy with Solar power

As a business, you're under pressure to control costs and to meet sustainability goals – while maintaining access to the energy you need to power your organization. Amid rising global energy demands¹, the need for a reliable, clean energy source is clear. Reliance on fossil fuels is no longer a viable option.

How Solar can help your business

For many organizations, the answer to improving energy performance and reducing reliance on the grid is Solar. This renewable on-site energy source can help you take control of your operating costs while reducing your carbon footprint.

With a Solar photovoltaic (PV) solution, you can harvest energy from the sun, generate renewable electricity, and reduce your reliance on the grid.

Further enhance operational performance by pairing Solar with energy storage solutions. Use stored Solar energy for demand charge management by shaving peak load and Time of Use arbitrage.

>85%

Solar can offset over 85% of grid consumption with clean power for some organizations

>90%

Solar can lower electricity costs by over 90% for some organizations

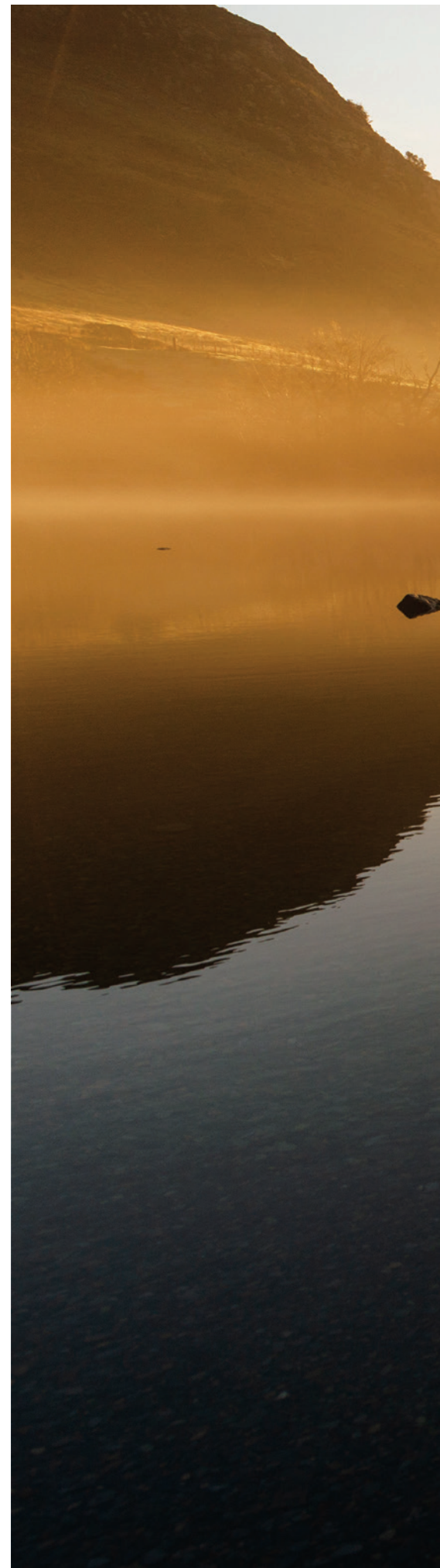
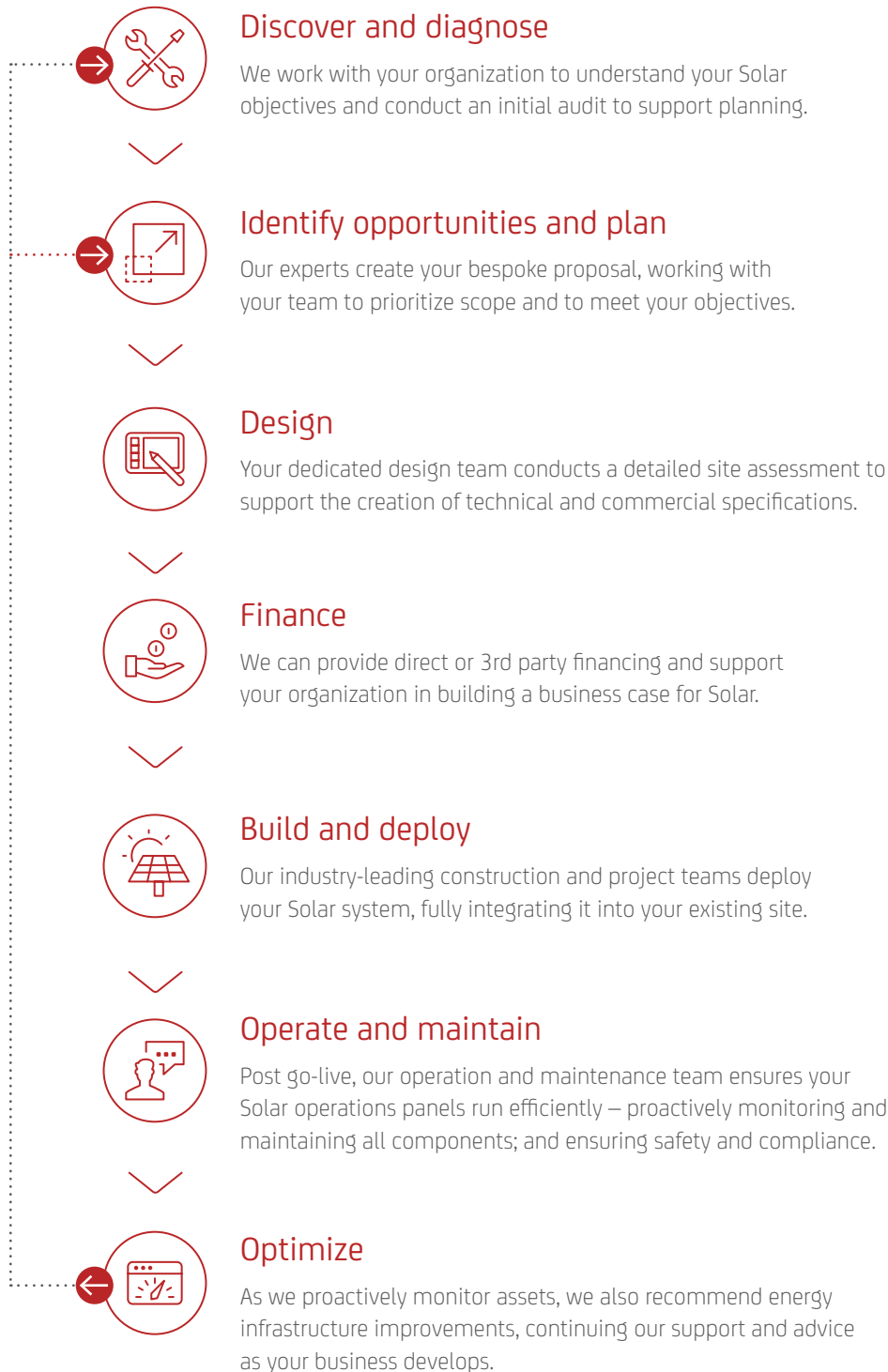
3-5 years

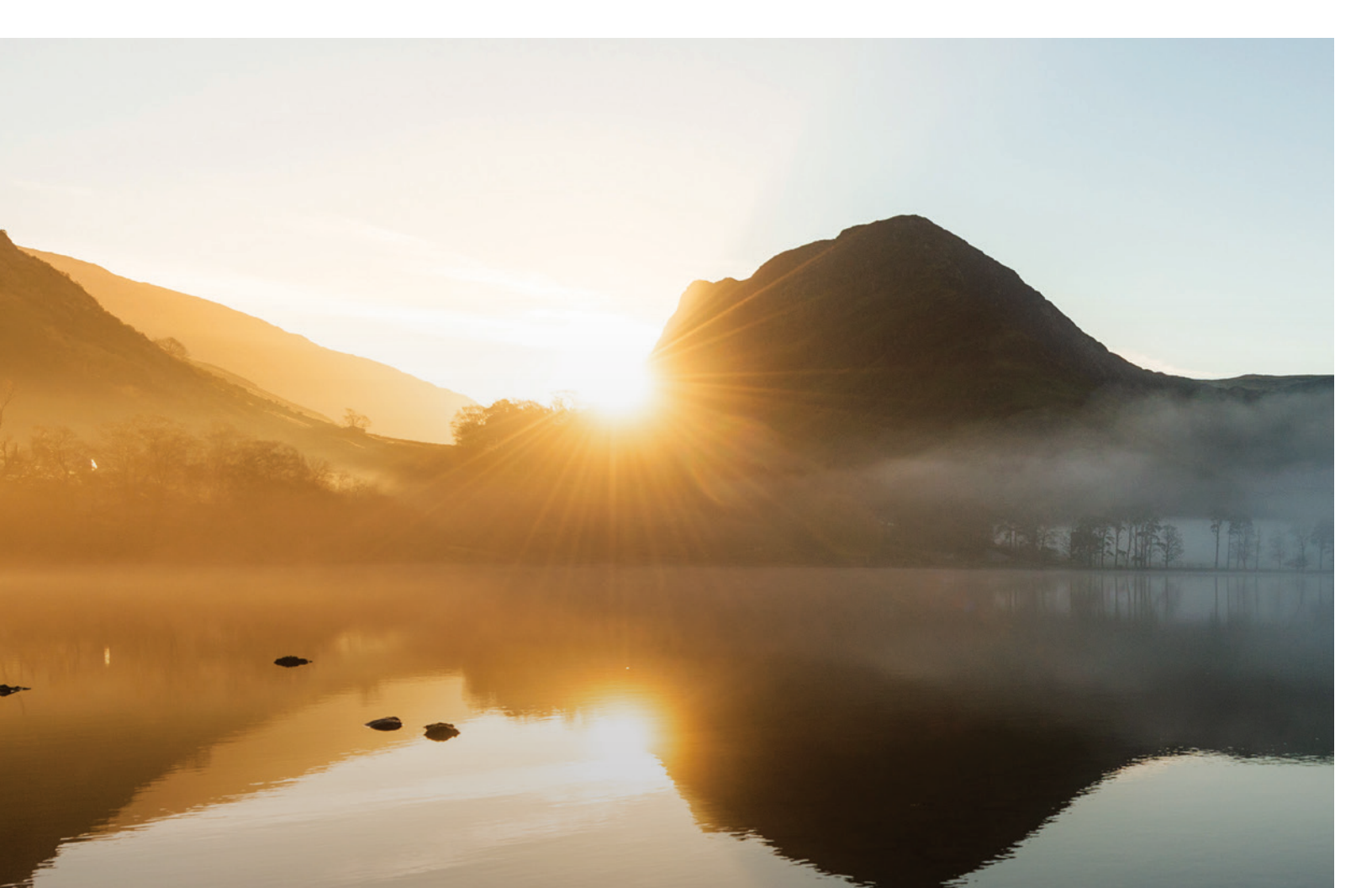
Solar installations typically have a payback of 3-5 years

¹ Global energy consumption is expected to rise by 28% by 2040. Source: US Energy Information Administration International Energy Outlook, 2017

Your Solar energy pathway

At Centrica Business Solutions, we support you every step of your journey – from understanding your goals to optimizing the operation of your Solar system.





Benefits of Solar

1

Be a sustainable business

Solar energy is 100% renewable, carbon-free and virtually silent – making it an environmentally responsible option that helps fight climate change.

2

Reduce energy costs

Deliver energy savings by reducing your organization's electricity consumption from the grid, and enable predictable operating expense forecasting into the future.

3

Reduce reliance on the grid

Lower grid reliance by generating your own electricity on-site, regardless of the weather conditions, or store energy in batteries to reduce energy costs during peak price times.

4

Create new revenue streams

Generate revenue by selling excess Solar generated electricity to the grid through programs like net metering.

5

Monetize unused space

Unused space now becomes a source of on-site energy generation, optimizing your operations and adding value.

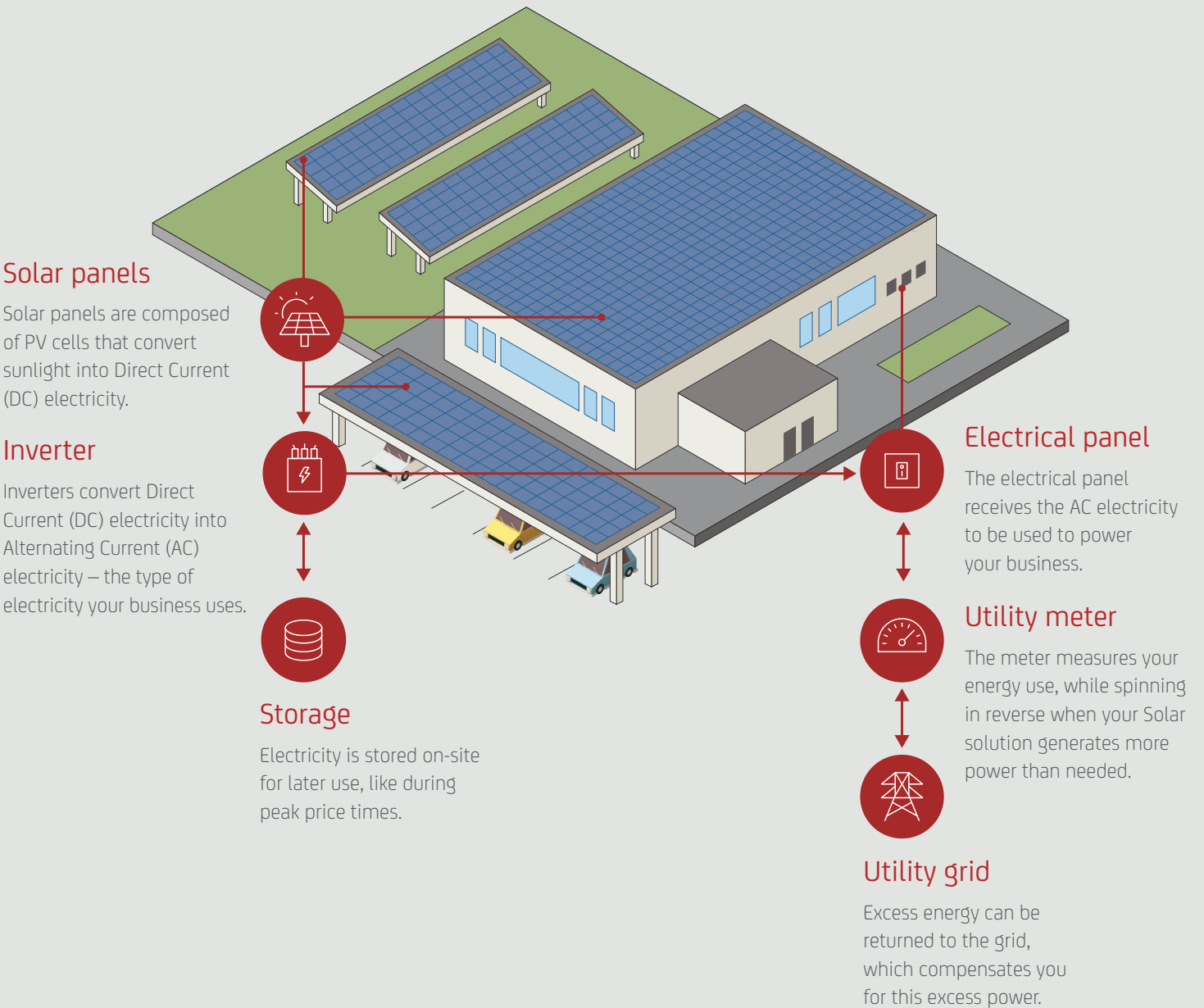
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Improve reliability

The sun provides a consistent source of power, as Solar generation is effective even on cloudy or rainy days.

How does Solar work?

A Solar system converts sunlight during the day into carbon-free energy to power your business. Your installation can be fully automated and optimized to maximize generated energy.



Available options



Roof mount

Install Solar panels on a roof. This straightforward option is generally the most cost-effective.



Carport

Install Solar panels over a parking lot for an efficient use of space that also provides a value-add.



Ground mount

Install Solar panels on the ground, on-site or at another location with this versatile option.

Is it right for you?

If your organization or facility has a large flat roof space, then roof mount Solar can enable you to monetize this unused space by utilizing available optimal roof space to mount your system. This option provides a visible testament to your organization's focus on environmental responsibility.

Is it right for you?

If your organization is considering an efficient use of space, carport Solar can monetize your parking lot while providing shelter for vehicles and employees. This option eliminates issues with angle, orientation, space, and size – which can limit the effectiveness of roof mount Solar.

Is it right for you?

If your organization or facility has access to empty flat space, on or off-site, this flexible option eliminates any issues with roof angle, orientation, space, and size and is ideal when your roof is not Solar suitable due to constraints or shading.

All options feature

PowerRadar™

Confidently track the performance of your installation in real-time with our industry-leading energy management platform, PowerRadar.

Full automation

Fully automated to generate electricity at daytime and optimized for maximizing generation and utilization of available Solar energy.

Remote monitoring

24/7 remote monitoring by our dedicated team of experts room continuously ensures optimal performance and prompt resolution of any issues.

Ongoing maintenance

Maintain and extend the lifetime of your installation with regular and preventive maintenance carried out by Solar experts.

Self-generation

Your installation allows locally generating clean electricity at nearly zero marginal cost for supplying electricity demand.

Clean electricity generation

Solar on-site generated electricity provides zero greenhouse gases emissions directly to your organization, reducing transmission waste.

Planning and design of your Solar solution

After a site visit, we engineer a detailed structural and electrical design customized to your site and energy needs. We design a system layout, schematic and generation estimate. To determine just how much money you could save depends on the suitability of your site.

As part of planning your solution we will:

- Discuss your goals and requirements
- Review your site and electricity usage
- Perform a pricing and benefits analysis
- Present a short proposal

Evaluating your energy bill

The first part of our Solar evaluation process is to analyze your energy consumption and spend over the course of the past several electricity bills from the utility company.

This information is used to design a Solar system that will deliver electricity savings by offsetting a certain percentage of your grid consumption with Solar power instead.

This percentage will vary from site to site and depends on several factors:

- System size installed
- Amount of sunshine your site receives
- Your energy consumption

This analysis of your energy consumption and spend will not only allow us to design a Solar system specific to your site's needs, but also determine if there are any energy efficiency measures you can take for even further optimization.

Developing a bankable Solar solution

After the analysis of your site viability, utility bill, and energy usage, our Solar system designers and engineers tailor your system.

You will receive a proposed design of your system that showcases estimated system production, the system size, and components that comprise the system. Our team accurately measures the available Solar resource at your facility and custom-designs your system – as a result, you will know exactly what your system will produce. You can be assured of maximum return on investment and will be able to accurately forecast your energy spend.

Your designed system:

1. Maximizes your available space for Solar
2. Maximizes energy production based on your available sunlight
3. Uses best-quality Tier 1 components that are guaranteed to perform

Financing options

Solar is a financially sound, affordable source of energy, and Centrica Business Solutions offers a variety of funding options. Select the funding approach that meets your business

objectives and goals. Regardless of which method you choose, going Solar can help you save money and boost the profitability of your business.

Capital purchase

Financing your Solar solution system with upfront capital results in the best return on investment (ROI).

This approach pays for itself in the form of higher savings and profits – allowing you to reinvest in your business and reap the benefits of various incentives, transforming your Solar system into another revenue stream.

Power Purchase Agreement (PPA)

Reduce your energy bill with a low-maintenance option for going Solar. With a behind-the-meter PPA, you purchase the low-cost Solar electricity generated from the Solar system installed at your site, at a set kWh price for the term of the contract.

Under these arrangements, the third-party system owner maintains the PV system and is entitled to any financial incentives.

7-year Operating Lease

Rent your Solar solution by paying for your generated power via a Solar lease. Your organization will pay a fixed monthly lease payment for the term of the contract, ensuring expense predictability.

Under these arrangements, the Solar leasing company owns and maintains your Solar solution and is entitled to any tax incentives.

Property Assessed Clean Energy (PACE)

Sponsored by state and local governments, PACE treats commercial clean energy projects as a public benefit – and solves the economics of installing Solar by producing a cash-flow positive project from day one.

PACE is ideal if you want no upfront capital outlay but lack the credit rating needed for traditional Solar loans or leases. Your project can be secured by the building it benefits – and repaid via your property tax bill, at low interest rates and with \$0 down.

Deploying your installation

Ensuring your new solution is installed with the highest safety standards and is built correctly to support your business objectives.

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 on-site. We follow a site QA and commissioning process and perform compliance checks to ensure quality workmanship.

Our highest-quality technology offerings, experienced project management, and professional engineering and design deliver maximum energy savings from your Solar system for years. Warranties and guarantees provided by Centrica Business Solutions and our Tier 1 equipment suppliers ensure a worry-free investment.

Delivering a full-service solution

At Centrica Business Solutions, every Solar installation is customized to our customer's business needs – optimizing the return on your investment.

We have extensive experience in designing and engineering custom Solar solutions that maximize energy production and deliver savings.

End-to-end solution

To optimize your solution, we offer an end-to-end Solar journey. This starts with a review of your goals to confirm that Solar is an appropriate on-site energy solution for your business – from solution development to proposal to construction.

Along the way, we maximize the cost-efficiency of the proposed Solar system – from designing a solution that optimizes space usage and production, and that uses high-quality Tier 1 equipment.

Future performance

Once your Solar solution is installed and operational, you can visualize and monitor energy consumption and usage. PowerRadar is our energy management platform that gives you complete visibility into power generation, savings and performance.

Worry-free investment

Our specialized team ensures that your Solar system is always up and running at optimal conditions.

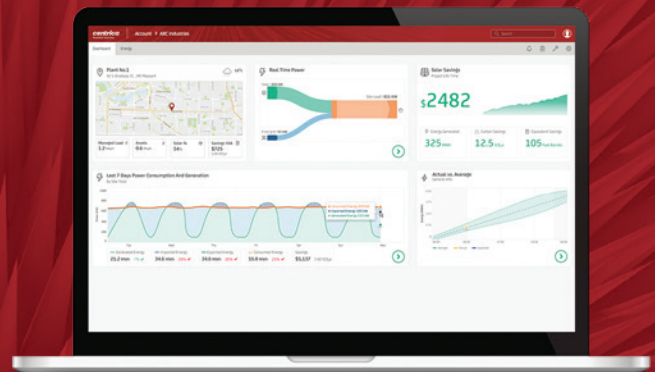
Our in-house Solar team continually monitors your Solar system and addresses issues promptly, in order to ensure that our production guarantee is always met.

We offer a 10-year workmanship warranty, 20-year+ manufacturer warranties, and an industry-leading 10-year production guarantee.

Performance visualization with PowerRadar

PowerRadar is our industry-leading energy management software that will sit at the very heart of your energy strategy.

PowerRadar brings the intelligence and visibility you need to understand and analyze your entire energy infrastructure, providing a single view to visualize and track performance.





Why choose Centrica Business Solutions?

Our expertise in Solar projects and the wider energy market – combined with our scale and financial strength – provide you with a bankable Solar solution.

Our knowledgeable experts have an accomplished track record in the industry, developing thousands of Solar projects.

We are part of Centrica plc, a 200-year-old company with 26 million customer accounts, in the UK, Ireland, North America and across Europe.

When you work with Centrica Business Solutions, you can rely on:

- Our relationship with Tier 1 equipment suppliers
- Our workmanship and product warranties
- Our O&M packages, which are tailored to site needs
- Our award-winning in-house Health and Safety team, which helps ensure the well-being of employees, visitors, and the community
- Our wider range of energy technologies deliver unrivaled, fully integrated energy solutions across your assets

20 years

We have 20 years of experience with Solar across the globe

225 MW

We have designed, installed and continue to maintain over 225 MW of Solar globally

Tier 1

Our Solar systems are designed using only Tier 1 components to ensure a top quality installation

10 years

We guarantee Solar production and installation workmanship for 10 years to maximize performance

Proven success with Solar

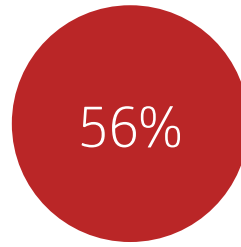
Lowering debt, lowering emissions

Objective

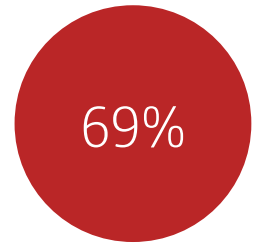
Embrace Home Loans' office requires over 700,000 kWh of electricity a year. The firm wanted to reduce operating expenses and its carbon footprint as part of its "Going Green" initiative.

Our solution

We installed a 328.4 kW Solar system, producing 412,900 kWh annually, which would cut costs by 69% over 25 years. The combination of a state grant, tax credits and projected energy savings meant the system yielded a three-year return on investment (ROI).



Electricity offset with Solar power



Projected reduction in electricity costs over 25 years



Projected savings over 25 years



A win-win for dollars and learning

Objective

Reed Intermediate School in Newtown, CT, wanted to switch to more environmentally conscious operations.

Our solution

The school partnered with the Newtown Sustainable Energy Commission and Centrica Business Solutions, to create the largest Solar installation to date in Newtown. Financed by a Power Purchase Agreement, the system offers projected savings of \$1.5m over 25 years.

43%

Projected reduction in energy consumption

\$1.5m

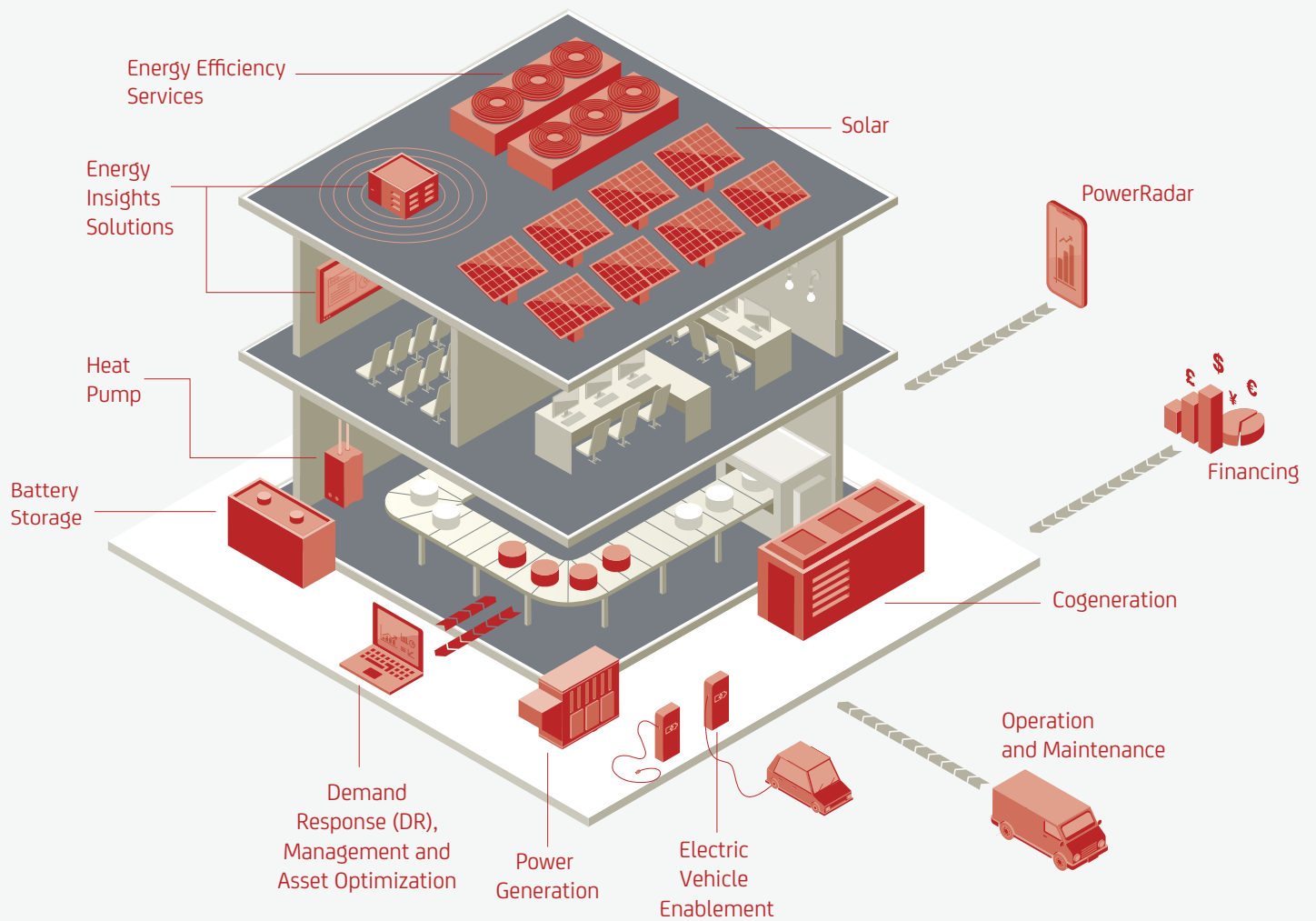
Projected savings over 25 years



End-to-End solutions

Our distributed energy products and services unlock the potential of your business to power performance, resilience and sustainability.

As part of Centrica plc, we can leverage the capabilities of the Centrica Group.



Complement your energy pathway with these solutions

Battery Storage

Managing your organization's energy costs is crucial. Businesses are facing an increasingly volatile grid, rising energy demand, limited site capacity and intermittent renewable generation, making Battery Storage an important part of any energy strategy.

Integrating Battery Storage with your Solar solution creates a synergistic way to reduce your organization's spend on both electricity charges and demand charges. Store Solar energy on-site and leverage it to reduce your load from the grid during times of peak demand.

49 MW

Size of our market-leading energy storage facility operating at Roosecote, UK

IET

Centrica sponsored the Institution of Engineering and Technology technical documentation on energy storage

1 MW

Size of the battery involved in our Cornwall LEM blockchain project

Energy Insight

Operational efficiency and cost reduction have never been more important, making visibility into energy usage and the ability to proactively manage energy essential. The more you know about your energy, the better you can manage it. Our Energy Insight solution delivers unparalleled visibility into your entire energy infrastructure – from the site, down to device-level.

Improve your business performance and drive your energy strategy forward through actionable, real-time energy intelligence from your devices and integrated utility meters. Effectively and holistically manage consumption, reduce power waste, improve operational efficiency, lower energy costs, prevent costly downtime, and create a comprehensive energy strategy.

6 mos

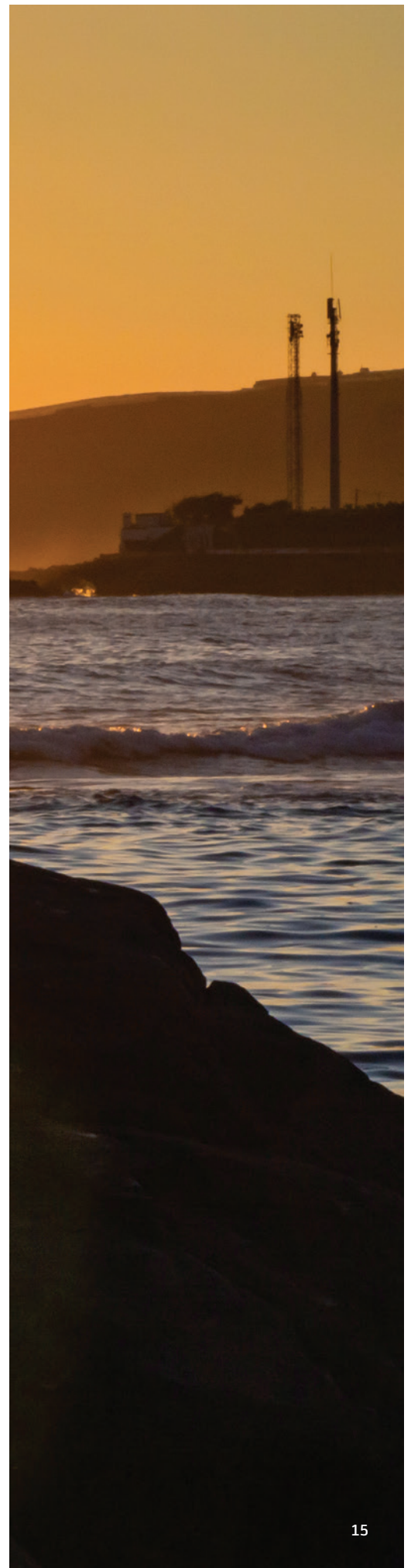
ROI at a Chicago office space that reduced annual energy use by more than 3 million kWh

\$50k

Increased earnings from a hospital when they saved 3.5 MW of energy through actionable energy insights

\$131k

Energy savings from a manufacturing facility through better understanding of their energy usage





About Centrica Business Solutions

Partner with us and build your energy pathway to becoming a more sustainable business.

Our role is to understand your business and identify how our solutions can help you achieve your objectives.

Our unique approach brings together the expertise of our people and the power of distributed energy, helping organizations across the globe to balance economic success with environmental responsibility.

Our energy experts work with you to identify opportunities, develop plans to realize them, and provide full service support.

Building your Energy Pathway to the future.

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