

# DEVELOPING **SOLAR SOLUTIONS**

To help you reach Net Zero



**sse**  
Energy Solutions

For a better  
world of energy





# WHAT IS OUR FUNDED SOLAR SOLUTION?

SSE Energy Solutions offers fully-financed solar solutions where we develop, build, own, operate and maintain solar systems, either on a customer's site or nearby available land. Zero carbon energy is then provided to the customer at no upfront cost – simply charged under a fixed term Power Purchase Agreement (PPA).

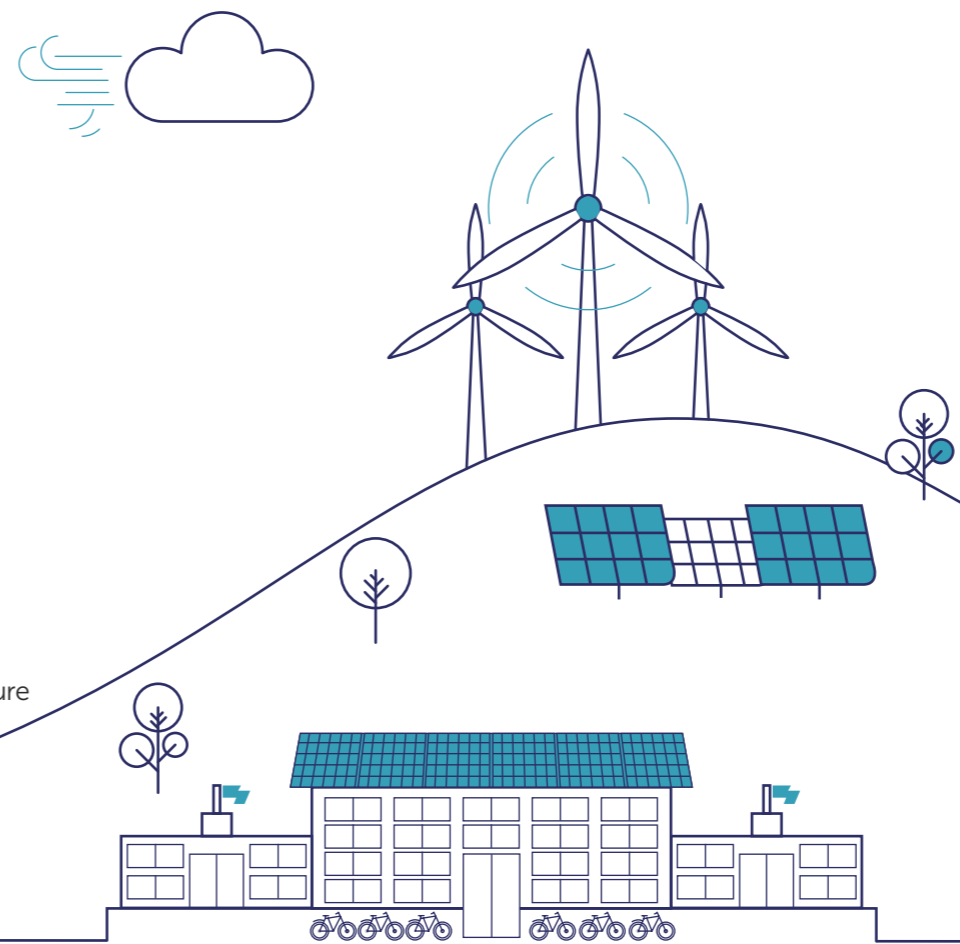
We utilise onsite space such as car park canopies, vacant ground space, or roof-tops to deploy Solar PV and create value from underutilised assets. If you don't have available onsite space, we can secure offsite land, delivering energy through a private wire, or from a remote solar facility via the grid. Our whole-system capability means we can integrate solar generation with a wider range of complementary distributed energy solutions, bespoke to your site requirements.

## REDUCE ENERGY COSTS REDUCE CARBON FOOTPRINT

If your organisation is energy-conscious and you seek energy price stability, reduced energy costs and a lower carbon footprint, we can provide you with fully-funded, fully-maintained, zero-carbon Solar PV solutions that can make a material difference to your organisation's bottom line.

We design and build solar systems with no up-front cost to our customers, delivering long-term sustainable energy at a stable price typically below market rates, bringing immediate customer benefits.

At SSE, we have a proud history of developing, building, owning, operating and maintaining energy assets and we are trusted as a market leader in developing integrated Distributed Energy infrastructure for customers throughout the UK and Ireland.



### BENEFITS OF OUR FULLY-FUNDED SOLAR SOLUTIONS

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**IMPROVED SUSTAINABILITY**  
All reputable organisations with long-term aspirations are now planning how they can contribute to and achieve Net Zero status by 2050. Solar PPAs provide a key, and fully-funded, opportunity to help reduce your organisation's carbon footprint.
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**LONG-TERM ECONOMIC EFFICIENCY**  
No upfront capital is required, as the Solar PV installation and system is owned by SSE. Additionally, by securing a PPA, you can gain long-term price stability and have the potential to save significant amounts on energy costs over the lifetime of the contract.
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**IMPROVED RISK AND BUSINESS RESILIENCE**  
SSE will be responsible for the design, build, and ongoing operations of the Solar PV system over the lifetime of the PPA contract. Not only are we recognised experts in our sector, but we also hold an extensive track record of asset management.
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**CORPORATE SOCIAL RESPONSIBILITY**  
Solar generation provides a clear statement of intent to decarbonise the energy system and brings visibility to this commitment, sharing an organisation's intention with employees and local communities.
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**WHOLE SYSTEM THINKING**  
We take a whole system approach and can offer additional distributed energy infrastructure and digital solutions that supplement solar PV to optimise your energy resources.



## HOW WE BRING OUR FUNDED SOLAR SOLUTIONS TO LIFE

SSE offers two main behind-the-meter solutions, either onsite or off the customer's premises, depending on the availability of space for PV generation.

In addition to our behind-the-meter solutions, SSE can offer sleeved Solar PPAs from remote Solar PV facilities and can manage every aspect of the process; including generation, sleeving, imbalance, load management, and additional flexible supply.

Our typical PPA structure is a fixed, inflation-linked tariff for the energy generated over a 15-25 year term. However, as we understand that each customer's needs are unique, we are open to a range of contract structures and seek to find the optimal solution for you.

### ONSITE SOLAR

- SSE will develop proposals for the appropriate solar systems to unlock value from unused space such as roof tops, parking lots, or ground spaces.
- We will provide a full site desktop assessment to outline an optimal Solar PV solution based on your energy consumption and any site constraints.
- We will also assess onsite opportunities to integrate the solar system with other energy solutions that may further benefit you.

### OFFSITE PRIVATE WIRE SOLAR

- Offsite systems can be preferable to allow for increased generation capacity or due to the high value of industrial land.
- SSE will build, own, operate, and maintain generation facilities between 1-50 MW on nearby land, connecting the Solar PV site to the premises via a private wire connection.
- SSE will source, secure, and develop suitable sites nearby – undertaking all risks and the costs associated with doing so.

## IS A SOLAR POWER PURCHASE AGREEMENT RIGHT FOR YOU?

Many large companies throughout the utilities, automotive, communication, pharmaceutical and manufacturing sectors are already buying renewable electricity on long term PPAs from solar facilities located on or nearby their sites.

For a Solar PPA to be suitable for your premises, you should have:

- Sufficiently large overall energy demand, typically greater than 4GWh
- An existing grid connection at your site
- A baseload that is both large and consistent, with average grid peak greater than 1,000kW
- A desire to decrease carbon intensity and operational costs.



## EXPERIENCE YOU CAN TRUST

### Solar experts

SSE has delivered turnkey roof-top and ground mount systems across the UK and ROI, and now offers a full-service solar PPA solution. SSE will develop, construct, operate, and take on the associated risks.

### Trusted long-term partner

SSE is a FTSE100 company with a trusted brand and significant, long-term experience in the UK energy sector, making us an ideal and low risk counter-party for a long-term partnership.

### Integrated solutions

As an integrated energy company, SSE can provide our customers with a wide range of whole-system solutions alongside solar generation. These include energy supply contracts, EV charging, battery storage and energy network solutions.

### Renewable development experience

SSE's Distributed Energy business has an experienced team that has collectively executed over 500MW of solar, wind, and energy storage projects. Our specific solar and PPA expertise is combined with SSE's proven capability as one of the largest UK renewable developers and a fully integrated energy company.

# SMART DISTRIBUTED ENERGY INFRASTRUCTURE SOLUTIONS

Designed to meet local energy needs and drive Net Zero.

SSE Energy Solutions is part of SSE plc, a UK based FTSE 100 company with 75 years' experience operating in the fast-changing energy industry.

SSE Energy Solutions plays a major part in the emerging consumer-led energy system, and provides key services to enable users to benefit from new ways to optimise and manage their low carbon energy use.

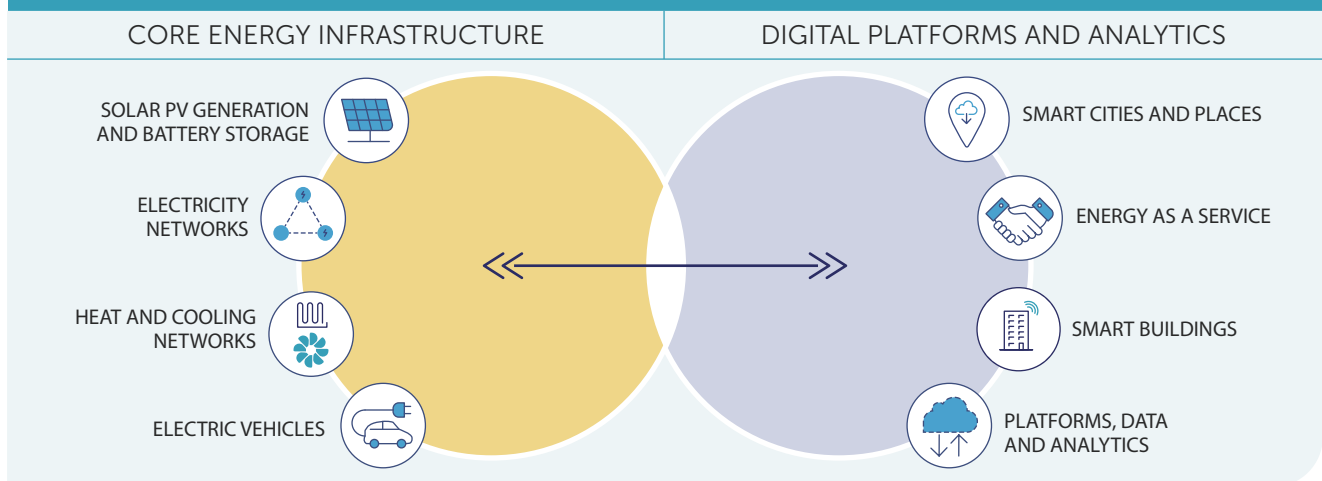
Our Distributed Energy business teams adopt a whole system approach by investing in, building and connecting your localised, flexible energy assets to accelerate your path to net zero and create a more resilient energy system for the long-term.

Right now, your decision to pick SSE Energy Solutions, part of an established renewable energy company investing in all our futures, will be the right choice for you and for our environment.

Our energy solutions include:

- Electric vehicle infrastructure for public transportation and vehicle fleets
- Local electricity infrastructure including building, owning and adopting private HV networks
- Heating and cooling networks for residential, commercial and industrial consumers
- Local energy generation, including funded offsite/ onsite solar PV
- Energy storage solutions, including battery storage
- Optimising building energy consumption and use
- In-house digital twin engineering team for modelling optimised energy flows
- Data platform services to support smart buildings, places and cities
- SSE Enhance, our aggregation and trading platform for small energy assets
- A growing suite of green energy supply solutions, including corporate power purchase agreements.

## WHOLE SYSTEM THINKING – ACCELERATING THE JOURNEY TO NET ZERO



Get in touch with our team to find out how we can help you

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