bestmag

12 – 13 March 2025

The international quarterly for the battery technology industry

The Energy Storage Show

THE ENERGY STORAGE SHOW

Event preview in association with

Part of ETL ENERGY TECHNOLOGY LIVE

Welcome to the preview of Energy Technology Live 2025, the must-attend event for professionals working in decentralised, flexible, and sustainable energy. Taking place at the NEC Birmingham, the UK's premier exhibition venue, this year's event marks an exciting new chapter as it brings together The Distributed Energy Show and the launch of The Energy Storage Show, creating the most comprehensive platform in the UK for energy generation, management, and storage.

Since its launch in 2021, The Distributed Energy Show has grown into the UK's leading exhibition and conference dedicated to decentralised energy systems. With increasing demand for energy storage solutions, The Energy Storage Show has been introduced to showcase technologies that support a broad range of applications, from small business setups to multi-megawatt utility-scale systems. Together under the Energy Technology Live umbrella, the event will provide an essential meeting place for businesses looking to implement the latest innovations in renewable and flexible energy.

The exhibition will feature a world-class lineup of industry leaders, including OVO Energy, SSE Energy Solutions, Flexitricity, ClearVue Business, Clarke Energy, and Ecotricity, alongside a host of pioneering companies shaping the future of the energy sector. A dedicated conference programme will run across four stages, bringing together senior experts from Ofgem, Vattenfall, NESO, DESNZ, Huawei, Octopus Energy, Thales, Centrica, Mott MacDonald, and more, tackling the most pressing challenges and opportunities in energy.

With over 5,000 attendees expected, the event will attract key energy buyers and decision-makers from sectors such as manufacturing, industrial operations, airports, healthcare, housing associations, and local authorities, all looking to source new technologies and optimise their energy strategies. The energy industry itself will also be present in full force, creating an unmissable networking and business development opportunity for anyone working in this space.

As always, attendance is free of charge, but we encourage you to register in advance to secure your ticket. We look forward to welcoming you to Energy Technology Live 2025 at the NEC Birmingham.

Register now at
www.energytechlive.com

Five reasons why you should attend

1. **Discover Innovative Technologies and Solutions**
   Stay ahead in the rapidly evolving energy sector by exploring advancements such as renewable energy systems, smart grid technologies, energy storage solutions, and efficiency tools. Discover the latest innovations that can enhance your operations, improve efficiency, and help you reduce costs.

2. **Networking Opportunities**
   Join the Networking Receptions at the end of the first day and network with stakeholders from every corner of the energy supply chain, including manufacturers, suppliers, policymakers, investors, and end-users. Foster new opportunities to build strategic partnerships, expand professional networks, and share insights that benefit the entire chain.

3. **Insight into Market Trends and Regulations**
   The four-theatre conference will feature expert-led panels and discussions on emerging trends, policies, and regulatory changes. Attendees can gain a comprehensive understanding of how these factors impact their roles, helping them stay compliant and competitive.

4. **Collaborative Problem-Solving**
   Connect with industry experts and peers across the supply chain to tackle pressing challenges like decarbonisation, resource optimisation, and supply chain resilience. Uncover innovative solutions and strategies that drive meaningful progress for your business and the industry.

5. **Free To Attend**
   Experience two impactful days of discovering cutting-edge technologies, building valuable connections through networking, and engaging with educational conference sessions. Plus, you'll receive post-event access to the content, ensuring you can revisit key insights and maximise your learnings long after the show.

Show Overview

Day 1 - Wednesday 12th March		Day 2 - Thursday 13th March	
Show Opens	09:30	**Show Opens**	09:30
Morning Conference Sessions	10:00 – 12:30	**Morning Conference Sessions**	10:00 – 12:15
Lunch Break	12:30 – 13:30	**Lunch Break**	12:15 – 13:15
Afternoon Conference Sessions	13:30 – 16:00	**Afternoon Conference Sessions**	13:15 – 15:00
Networking Receptions	16:00 – 17:00	**Show Closes**	15:00
Show Closes	17:00		

Social Media

LI: @EnergyTechnologyLive FB: @EnergyTechnologyLive IG: @EnergyTechnologyLive X: @EnergyTechLive

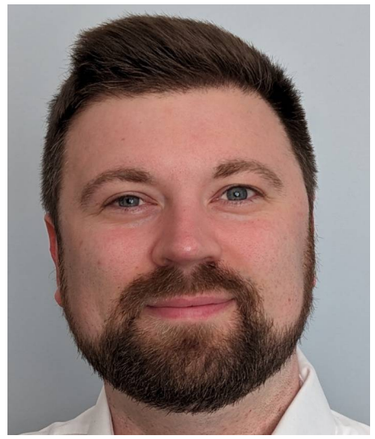
#ETL25 #DES25 #ESS25

Attend the Industry Leading Conference

Join us for two days of engaging debate and informative technology demonstrations at the Energy Technology Live 2025 conference. With four stages of electric panels, keynotes, and fireside chats, attendees will gain momentous insight into the sector. We will highlight an array of topics spanning from Flexible Energy Systems to Hydrogen storage, our conference will cover a vast array of topics from across the industry, leaving no stone uncovered!

Highlighted Conference Sessions:

- Energy Storage for a Net-Zero Future
- Transforming the Energy Sector Through Digital Innovation
- Ensuring Harmonic Compliance for Battery Energy Storage Systems: A Practical Approach to Passive Filter Design
- Choosing the Right Long Duration Energy Storage: A Comparative Guide
- The Energy Act, One Year On
- Critical Advances in Battery Energy Storage Technology
- The Future of Battery Reuse and Second Life Applications
- Scaling Solar and Batteries: Making Mass Market Adoption a Reality
- Assessing the Need for Long-Duration Energy Storage: Is It Essential for Our Future?
- The Role of Battery Storage in the Commercial Energy Landscape of Tomorrow



Liam Bennet

Head of Energy System Digitalisation, Ofgem

Liam is the Head of Energy System Digitalisation at Ofgem, where he is responsible for developing policy for digitalising the energy sector. His work involves; incentivising the collection of new data in the energy system, approving digitalisation investments in network companies, supporting the introduction of common digital infrastructure in the energy sector, and ensuring consumers benefit from their consumption data. Liam has a background in innovative energy technologies, having previously worked on the design of energy storage products. He is responsible for the delivery of the government's Energy Digitalisation Strategy, including the recommendations of the Energy Data and Energy Digitalisation Taskforces.

Asif Rehmanwala

CEO, Ecotricity

Asif is an experienced C-Level Executive in the energy market. Asif has been CEO of Ecotricity for over 5 years, following 4 years as COO. Asif has previously worked for Ofgem – UK's energy regulator – where he spent 3 years. He then spent 10 years at Powergen/E.ON, the World's largest investor-owned utility.Ecotricity has been in the UK market for nearly 30 years, supplies 100% green electricity for its customers and reinvests profits to build and generate renewable energy.

Chris Wright

Hydrogen Senior Development Manager, Centrica

Chris is a Hydrogen Senior Development Manager at Centrica, leading on projects and partnerships to commercialise hydrogen opportunities at Centrica across the full hydrogen value chain. He has worked in various energy roles over the past 15 years across business development, policy and regulatory affairs.

Sara Vaughan

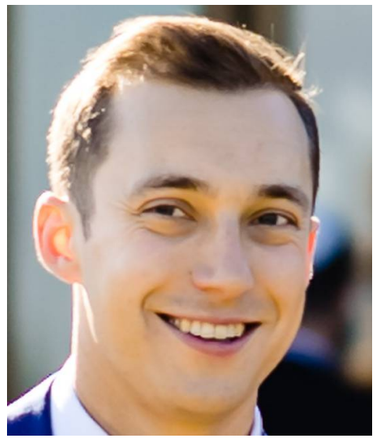
Chair, Elexon

Sara Vaughan is Chair of the Elexon Board and Chair of the Balancing and Settlement Code (BSC) Panel. Sara was formerly Executive Director for Strategy and Regulation and, latterly, for Political and Regulatory Affairs at E.ON. Sara started her career as a lawyer at Slaughter and May before moving to Powergen (as it then was) as a competition lawyer. She has significant experience across regulation, compliance, energy policy, and external affairs including CSR, legal and company secretariat, HSSE and engineering governance. Sara is a Non-Executive Director of the North Sea Transition Authority, a member of the Energy Advisory Panel at the Energy Institute, where she is a Fellow, and Advisory Group and Steering Group Co-chair in Icebreaker One's work on Open Energy.

Rebecca Beresford

Director of Markets, NESO

Rebecca Beresford was appointed as NESO's Director of Markets in September 2024. Prior to joining NESO Rebecca spent over 20 years working for EDF, where she most recently held the position of Director of Net Zero Strategy and Policy. She has also held several other key roles within EDF. Rebecca's career has focused on implementing the right energy policies and frameworks to support a decarbonised energy system, including work on Electricity Market Reform and more recently on REMA. At NESO, Rebecca leads a team responsible for designing and delivering energy markets that facilitate security of supply at the lowest sustainable cost for consumers, while enabling the transition to net zero. Rebecca is passionate about ensuring a balanced and whole system approach to market design, which puts the needs of customers at the heart of the solution.



Dr. Michael Evans

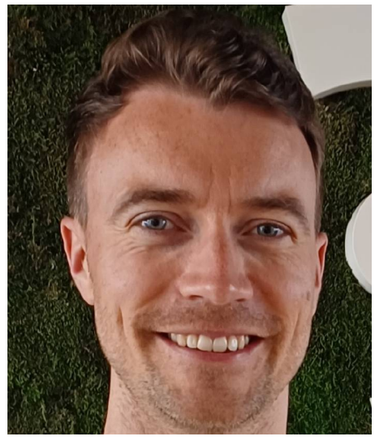
Global Optimisation and Analytics Lead, Octopus Energy Group

In his role as Global Optimisation and Analytics Lead, Michael combines device scheduling optimisation, market unlocking and unique customer propositions to harness energy flexibility, at scale. He has created products which guarantee customers pay nothing to consume energy such as Zero Bill Homes (for entire homes) and Power Pack (for EV charging). Michael continues to develop a suite of smart products which includes Intelligent Octopus Go, Europe's largest virtual power plant sized at 1.2GW and encompassing 220k electric vehicles. He holds a PhD in flexibility from distributed energy resources from Imperial College London.

Kate Ashworth

Energy Infrastructure Lead, West Midlands Combined Authority

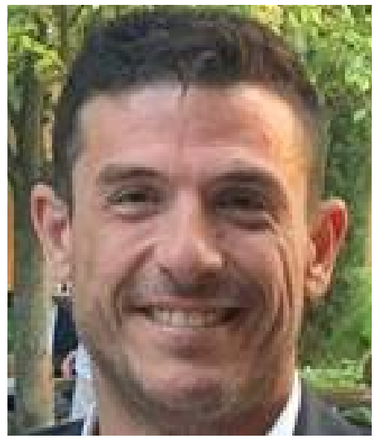
Energy systems specialist having worked within local government for the past five years, as Energy Infrastructure Lead at the West Midlands Combined Authority. She is a chartered mechanical engineer, with a background in energy consultancy. She is passionate about energy system planning being democratically accountable and excited about the emerging tools and structures needed to achieve a just transition to net zero.



Scott Duncan

Head of Zero Carbon Living – Home, OVO

Scott heads up OVO's Zero Carbon Living team who are focused on building and scaling mass-market home decarbonisation propositions, including smart tariffs, export tariffs, solar and heat pumps. Scott has been in the energy industry for over a decade, working in some of Europe's biggest energy companies in a variety of commercial, product and marketing roles.



Dr. Carlos Nieto

Global Product Line Manager Energy Storage, ABB

Carlos Nieto is the Global Product Line Manager Energy Storage within Electrification Distribution Solutions at ABB, where Carlos leads the Energy Storage organisation. Carlos has been working for ABB for more than 12 years and previously he was a researcher in the Carlos III University of Madrid where he coursed a Ph.D and M.Sc in Electrical, Electronics and Automation Engineering and a B.Sc in Electrical Engineering. He is also an active member of the IEC committee. In his current role he focuses on the business development of energy storage where his technical field of expertise lays down on battery energy storage systems and its control techniques. He continually strives at developing open minded teams and turning problems into opportunities. He has a strong interest and special focus on staying abreast of industry changes and progress and contributing to the development of the electrification industry.

Dr. Robert Barthorpe

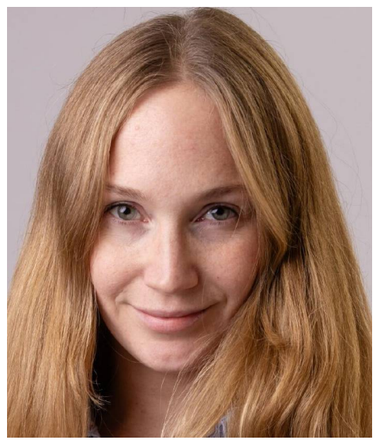
Senior Lecturer, University of Sheffield

Dr Rob Barthorpe is a Chartered Engineer and Senior Lecturer in the Department of Mechanical Engineering at the University of Sheffield. His research focuses on the development of tools for optimal decision making under uncertainty. In recent years his focus has been applications in the energy domain, and in particular the role that distributed thermal and electrical energy storage may play as part of the transition to a low-carbon energy grid. This work has included the development of hierarchical control methodologies incorporating model predictive control, and evaluation of how they may be employed for optimal decision making over differing time horizons such that the potential of novel storage technologies may be fully exploited. He currently leads the DESNZ-funded ADSorB project, which is seeking to progress two advanced domestic thermal storage technologies towards commercialisation

Georgina Morris-Rowbottom

Public Affairs & Policy Lead, Zenobe

Georgina leads Zenobē's engagement with policymakers, industry stakeholders, and public institutions. With a focus on strategic advocacy, she ensures that Zenobē's innovative solutions in energy storage and fleet electrification align with and influence governmental and regulatory frameworks. Georgina is an experienced policy professional with over ten years in the UK Civil Service, focusing on energy flexibility and clean technologies. She specialises in energy storage and demand-side response, contributing to the energy transition. Prior to joining Zenobē, she served as Head of Capacity Market Policy for Low Carbon Technologies at the Department for Energy Security and Net Zero (DESNZ), where she led essential reforms to enhance the UK's energy security. Previously, she was the Energy Storage Innovation Lead at DESNZ, launching the £70M Longer Duration Energy Storage Demonstration (LODES) programme.



Francesca Shirley

Commercial Battery Optimisation, VEST Energy

Sales Professional with 6+ years of experience in business development in the solar industry. Passionate about enhancing access to solar energy through storage and education. Forty Under 40 UK Winner in Education 2023. Physics MSc specialised in Optics and Photonics for Photovoltaics.

SP Energy Networks

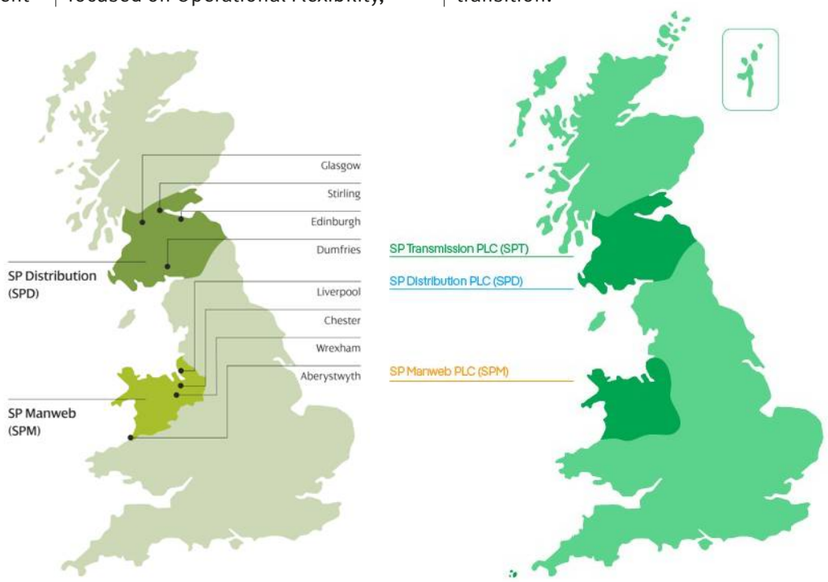
At SP Energy Networks we are leading the way on facilitating the transition to Net Zero. We are also committed to doing so at the lowest overall cost to our customers, to achieve that goal we need to use all of the tools at our disposal, seeking innovative commercial and technical solutions alongside traditional reinforcement. Flexibility will play a key part, offering alternatives to conventional reinforcement or helping to manage the network ahead of being able to deploy reinforcement solutions.

This year we moved to a monthly flexibility tender model allowing our Flexibility Service Providers (FSPs) more frequent opportunities to participate and also providing greater certainty over the expectation that they will be dispatched. Flexibility services benefits us and our customers because they help maintain our distribution network within its current limits, preventing capacity constraints. They are crucial for supporting Net Zero growth, as they can be implemented faster than most reinforcement methods and help manage uncertainties. These services offer a smart, agile way to manage our network, and can help foster competition and democratise the energy sector.

We are increasingly looking for new ways to stimulate the flexibility market, including through changing how we structure contracts, developing new market opportunities in conjunction with our customers and stakeholders, and understanding what data and information flexibility providers require from us. Given the role that flexibility services play in facilitating Net Zero, it's vital that we transparently demonstrate our estimated forecast on both long- and short-term flexibility requirements to enhance stimulation of the UK DSO flexibility market.

In the last year we have also focused on Operational Flexibility, using flexibility to manage network risk during planned outages. We are now working closely with our control room planning teams to review all planned major outages, seeking flexibility where appropriate. To date we have primarily engaged with large controllable plant (>10MW) however in future we also envisage utilising intermittent plant or aggregated domestic response provided the technical requirements can be met. Operational Flexibility now forms a standard part of our flexibility requirements portfolio and we expect to provide market opportunities of ~£60-80k p.a.

Our vision for a just transition to Net Zero is both a process and an end goal which we cannot achieve alone. We are committed to reviewing our progress regularly and working collaboratively with all of our stakeholders – ensuring that no one is left behind in the energy transition.



Solivus

Solivus provide lightweight solar solutions for large commercial buildings where conventional solar panels can't be fitted, such as airports, warehouses, sports stadiums and modular buildings. We are also developing the unique Solivus Arc, a clean energy making sculpture for the home.

Our mission is to decarbonise the built environment which contributes to 40% of the CO_2 crisis harming our planet.

We currently offer 3 products:

- Lightweight solar solutions for the roofs of large commercial buildings.
- An off-grid solar and battery system for modular buildings like construction site cabins.

- The Solivus Arc, our ground mounted organic solar sculpture for the home.

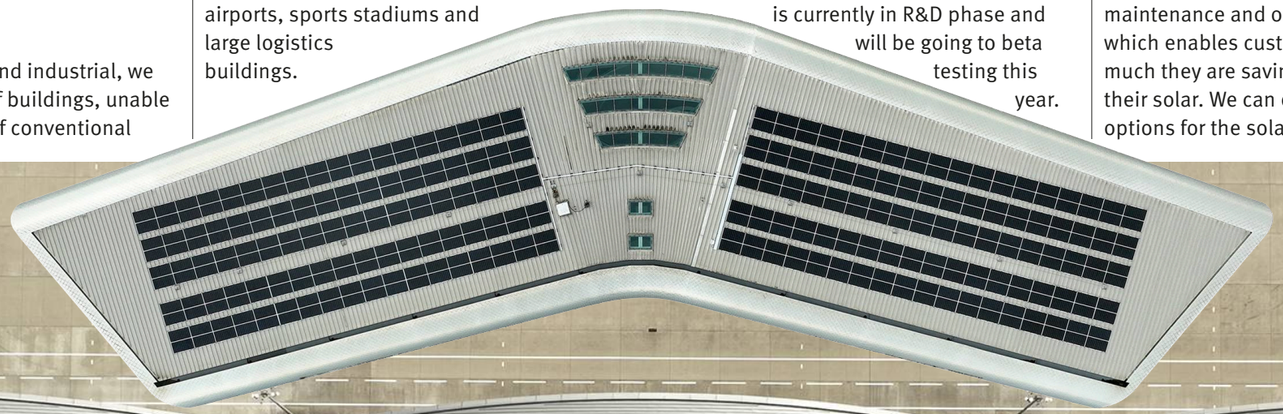
For commercial and industrial, we focus on the 40% of buildings, unable to take the weight of conventional solar. These are often very large structures (mega-buildings), such as airports, sports stadiums and large logistics buildings.

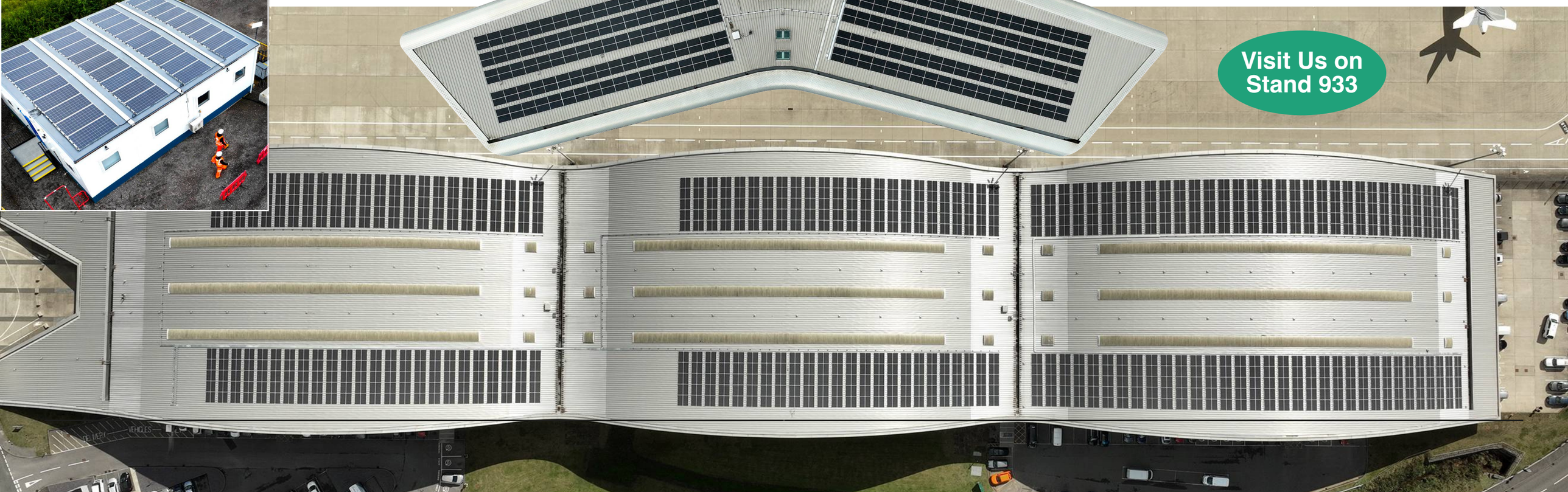
Our modular building systems were devised to help our clients in the construction industry find an alternative to diesel generators. These off-grid systems are saving thousands of pounds a year in diesel costs, as well as saving thousands of kg of CO_2 getting into the atmosphere and providing cleaner safer and quieter environments for workers.

The Solivus Arc is a designer solar sculpture for the home, which is an alternative or additional to rooftop solar. The panels used in the Solivus Arc are organic and contain no rare earth materials - meaning there is a very low carbon footprint involved in manufacturing. The Arc serves as a beacon of Solivus' innovation and expertise in lightweight solar. The Arc is currently in R&D phase and will be going to beta testing this year.

Solivus offer a complete service, keeping things straight-forward for customers, offering engineering, design, installation, monitoring, maintenance and ongoing reporting, which enables customers to know how much they are saving or making from their solar. We can offer finance options for the solar if required, meaning no upfront payments. We can also organise energy trading for surplus energy to maximise financial opportunities. So, it's not just about solar for Solivus, it's about complete solar as a service.

Solivus are super enthusiastic and determined. Solivus are the energy behind lightweight solar.





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