



**A Year for  
Solar Growth**





## About Us

As an established trade association working for and representing the entire solar and energy storage value chain, Solar Energy UK represents a thriving member-led community of over 300+ businesses and associates, including installers, manufacturers, distributors, large-scale developers, investors, and law firms.

Our underlying ethos has remained the same since our foundation in 1978 – to be a powerful voice for our members by catalysing their collective strengths to build a clean energy system for everyone’s benefit.

Our mission is to empower the UK solar transformation. Together with our members, we are paving the way for solar to deliver 70GW by 2035 by enabling a bigger and better solar industry.



These three values go to the heart of what we’re about and they are clearly reflected in our determination for change, our partnership orientation and the robust positions we have become known for.

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## The year ahead

Chris Hewett, Chief Executive

When we look back at the progress of renewable energy in the UK, we may well mark 2022 as a turning point on the way to net-zero. A range of factors have come together that have decisively shifted the economics of the power sector towards solar and energy storage alongside wind. The most significant of those has been the dramatic price increases for fossil fuels, especially gas. The invasion of Ukraine accelerated this price rise, but in reality, the market was already heading in that direction.

The demand for rooftop solar at commercial and residential scales has never been higher in the UK, even when the feed-in tariff was in place. Solar Energy UK members have been expanding the meet this demand, and recruitment has often been the limiting factor to that growth. Our Solar Skills London project was aimed at helping installers find the skilled workforce they need, and we will be doing more on this issue in 2023.

At the same time, utility-scale solar and energy storage has also been developing rapidly, with over 10GW of solar projects having been approved for grid connection and planning permission. There is another 10GW with applications being processed and many more being scoped. In Spring 2022, the CfD Auction Round 4 saw over 2GW of solar projects win contracts, and the Government's British Energy Security Strategy set an ambition of 70GW of solar by 2035.

"We could claim to be one of the country's fastest-growing sectors."

The UK has over 15GW of solar capacity now, and Solar Energy UK believes this could double by the end of 2025, to 30GW. That would be around 2 million rooftops and about 10% of Britain's solar power. We could claim to be one of the country's fastest-growing sectors.

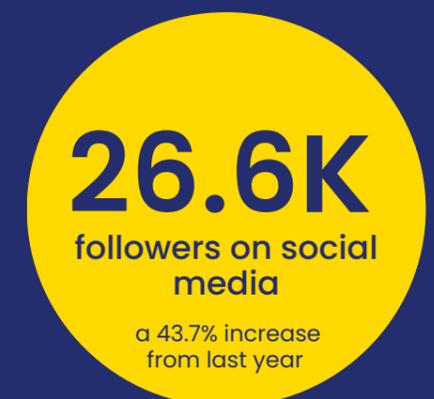
So, with all this cheap homegrown energy on offer, it was utterly baffling to see the two leading candidates to be our Prime Minister competing to ban solar on agricultural land. It wasn't the only crazy policy to be proposed by Liz Truss, of course, and Solar Energy UK collaborated with many supportive stakeholders, including Cabinet Ministers, over the Summer to see that particular one banished. The more recent publication of the Skidmore Review and several public supportive statements from new Cabinet Ministers have confirmed that this Government firmly expects the expansion of solar across rooftops and ground mounts. The Opposition parties are even more optimistic, with Labour wanting to treble solar in the next parliament. Renewable energy will be centre stage in the next General Election.

But it is not just politicians who now hold the future of our industry in their hands. The number one issue facing us now is the constraints across the electricity network. Investment in upgrading the grid and unlocking the potential for solar, wind and energy storage will be our number one concern, alongside the need to create that skilled workforce.

Our membership has gone from strength to strength in 2022, and we fully expect the solar and energy storage sectors to continue this trajectory. We are very grateful for all the support we get from our members to make this happen.

## Our 2022 in numbers

Throughout the year, our services and team have expanded significantly, and the hard work of everyone has been demonstrated in the following figures:



# 2022's highlights



Quarter 1

## JANUARY

### Research shows solid and growing public support for solar farms.

Solar Energy UK and Copper Consultancy launched '2022: A Bright Future for Solar'. 'Realising the UK's Potential', a study into public attitudes to solar that delivers a greater understanding of where collective sentiment stands. Report data shows 56% of public support for local solar farms and only 25% in opposition, with support increasing up to 17% over time.

## FEBRUARY

### UK Government announces annual CfD auctions to boost renewable deployment.

The UK Government announced during Q1 its intention to hold auctions for the Contracts for Difference (CfD) scheme every year, rather than every two years, in a bid to boost the nation's clean energy supply chain.

### Solar Energy UK welcomes 4 new Board members.

The new appointees have diverse industry backgrounds and expertise to guide SEUK's strategic objectives towards building a clean energy system. The industry body now has a solid female representation of 40%, reflecting their commitment to improving diversity in senior leadership roles. The new Board Members are Hannah Staab; Head of Advisory Europe at Natural Power, Giulia Guidi; Head of ESG at NextEnergy Capital, Sarah Rocks; Senior Development Project Manager at RES and Thomas McMillan, Head of Energy Consulting at Savills.

## MARCH

### Solar NSIP Forum

Solar Energy UK creates the Solar NSIP Forum to accelerate UK solar deployment in the 2020s at a GW scale via major national infrastructure projects and mitigate the risk of political and media backlash leading to policy change. The Forum brings together the companies involved in Britain's largest solar park development, engaged in the NSIP process, to share best practices, develop a standard policy, media and political narrative, and engage in collective advocacy and stakeholder engagement.



Quarter 2

## APRIL

### 'Natural Capital Best Practice Guidance' launched

During Q2, we published our Natural Capital Best Practice Guidance that explains how project developers respond to the ecological emergency we face by developing high-quality solar farms that can help land recover from intensive farming, enable the natural environment to flourish, and support community buy-in for solar farms. The guide outlines how developers can design, construct, and operate high-quality solar farm projects which support the UK's ecology.

### 70GW by 2035

Government publishes British Energy Security Strategy outlining ambition to increase solar. The ambition of a five-fold increase in solar capacity by 2035 would equate to roughly 70GW of total generation capacity, which could support 60,000 jobs. Solar Energy UK welcomed the scale of government ambition and planning reforms for solar to boost Britain's energy security following rising global energy prices and volatility in international markets.

## MAY

### Debate in Holyrood

On 25 May, MSPs discussed the role of technology in Scotland's low-carbon energy mix. This debate took place in the Scottish Parliament on scaling up Solar deployment to meet the country's net-zero targets. Solar Energy Scotland welcomed the discussion and called for cross-party support to assess the potential of a 4-6GW target by 2030.

### Guidance Issued for Monitoring Biodiversity on Solar Farms

The UK's solar power industry developed a standardised methodology for assessing how solar farms affect biodiversity. Hundreds of solar farms around the UK are being proactively managed to promote wildlife. Still, until now, there has yet to be a way to consider the sector's overall impacts and benefits to the natural environment, as monitoring approaches vary too greatly. Ecological monitoring of solar farms is essential in assessing change, identifying management issues, and ensuring planning obligations are met.

## JUNE

### Solar Skills London expands

In spring, the Solar Skills London programme – initially launched in 2021 by Solar Energy UK and the Mayor of London – expanded by introducing a new Solar Skills London online careers portal and additional financial assistance for both budding and established solar companies. This hub aims to help newcomers map career paths in the solar and renewable energy industries. It features job profiles, a one-stop shop of the various industry standards and qualifications, and a comprehensive database of training courses and colleges.



Quarter 3

## JULY

### Public has positive views of solar farms

A government survey found that the public is happy to see large-scale, ground-mounted solar power facilities built in their local area, dismissing claims that they are unpopular. More broadly, the latest figures on the public's views concerning renewable energy, collated by BEIS, demonstrate that solar power is significantly more popular than any other form of electricity generation.

### UK solar capacity now exceeds 15 gigawatts

The energy price crisis has driven the fastest deployment of solar power seen since subsidies ended. UK solar capacity now exceeds 15 gigawatts, approaching four times the maximum output of the UK's largest power station, Drax. More solar panels are being put on British roofs than ever, hitting a new post-subsidy record rate. A greater amount of generating capacity was installed on UK homes during the first half of this year than over the whole of last year.

### CfD support secured for 66 solar projects

Winners of the fourth allocation round of Contracts for Difference (CfDs) were announced in July, with more than 2.2 gigawatts of solar generation capacity securing support from the government. Leading Solar Energy UK members secured contracts, including JBM, Bluefield, Low Carbon, Voltalia and Lightsource BP. It was the first allocation round since 2015 to include the solar sector.

## AUGUST

### New solar installations in 2022 surpass 2021 levels in 8 months

From January to August 2022, 79,560 solar PV installations were completed – a 30% increase from the 61,431 installed in 2021. This number is even more impressive compared to the 5,082 installations in August 2021; in August 2022, there were 12,411 installations, a 144% increase. These figures combat worries about decreased domestic solar PV demand after the Feed-in Tariff (FIT) incentive ended in April 2019. Additionally, solar PV installations make up over 80% of the 1.4 million renewable installations registered with MCS, which puts the number of residential properties with sunny roofs at more than one million.

### Conservative party members back Solar farms

Polling released from YouGov revealed overwhelming support for solar farms, home insulation incentives and other efforts to secure Net Zero among The Conservative Party. The survey conducted on behalf of the Energy and Climate Intelligence Unit showed that almost three-quarters of Conservative Party members supported solar, including ground-mounted solar farms.

## SEPTEMBER

### 11 Commitments on Solar Farms

As part of our ongoing work on land use, we updated our commitments on our solar farms' code of conduct document. Solar farm developers, builders or tenants who are members of Solar Energy UK will comply with the following best practice guidance.

### Solar Farms & Food Security: The Facts

In response to further comments on solar farms and land use by the candidates to be PM, we published a statement on our position supporting ground mount and rooftop solar, both of which are helping to reduce the UK's carbon emissions, displace the fossil fuels that are causing the energy price crisis, create jobs, and increase our energy security. The statement was followed by a briefing explaining the role of solar farms in supporting the UK's food supply. 'Solar Farms & Food Security: The Facts' is intended to help members of the public, MPs, planning officials, and others interested in countryside management understand how solar energy fits into the UK's land use needs.

### Solar industry calls on the Prime Minister to support clean energy

In an open letter, Solar Energy UK and 18 other environmental organisations wrote to Prime Minister Liz Truss, asking her to support solar farms, highlighting how solar farms are a crucial part of the solution to the energy and cost of living crisis. The letter responded to comments made over the summer by the Prime Minister that solar farms are 'paraphernalia', claiming they threaten the UK food supply.

# 2022's highlights

continued



Quarter 4

## OCTOBER

### Solar Stewardship Initiative launched

In Q4, Solar Energy UK launched the Solar Stewardship Initiative in partnership with SolarPower Europe. The initiative's mission is to develop a responsible, transparent, and sustainable solar value chain further. The solar sector is growing exponentially, providing a critical solution to climate change. With growth, our impact and change in the value chain increase. The Solar Stewardship Initiative puts the responsibility into action and works to ensure the energy transition is just, and inclusive and respects human rights.

### Solar & Storage Live 2022 was the best-attended edition

At Birmingham, representatives from the energy industry, including key players along the value chain, innovators, and disruptors, gathered to showcase their technology and service solutions needed to enable change at this critical time. The 2022 edition of Solar & Storage Live was the best attended in the event's history, with 10,079 attendees through the doors bringing together industry experts, thought leaders and friends into one place. As the event's official partner, Solar Energy UK, alongside MCS, launched the first installer training hub, a new feature for 2022.

### Solar Energy UK launches Decarbonisation of Heat set of reports

The reports fit into a broader and comprehensive suite of research produced to evidence the financial and system-wide benefits of residential solar and storage technologies. Together they demonstrate the energy, economic and climate change benefits of installing Solar, a hedge against the rising cost of living, promoting energy security and contributing to the UK's net zero targets. The reports provide evidence, among other things, on the cost and carbon-saving benefits solar heating technologies offer for consumers and the energy system – and Solar's vital role in decarbonising heat in homes in the UK and Scotland.

### Reforming planning rules for Solar Energy in Scotland

The Scottish Government accepted recommendations from the solar industry that will incentivise rooftop installations nationwide—pledging to consult on lifting the need to obtain planning permission for larger solar installations on non-domestic buildings in early 2023. Solar Energy Scotland had pressed for the move and this would align Scotland with planning rules in England.

## NOVEMBER

### Scottish industry unites behind solar demands

In early November, urgent changes to Scottish planning law and tax rules were backed by companies from the solar industry and across sectors including agriculture, warehousing, distilling and food – 33 businesses signed a letter asking the Scottish Government to extend PDR and rates relief to solar.

## DECEMBER

**Approved NPF4**  
During the last quarter of 2022, the Revised Draft National Planning Framework in the Scottish Parliament – Scottish NPF4 was adopted, allowing for solar development on Green Belt Land and removing all references to glint and glare—a significant milestone for Scotland and two huge wins after being initially not supported on the first draft.

### Government ends solar farm uncertainty

A turning point occurred in the first week of December when the Government ended uncertainty over planning rules for solar farms. Two ministers ruled out extending planning protections for high-grade farmland to moderate quality '3b' land, as had been floated by former Environment Secretary Ranil Jayawardena. As almost all solar farms are situated on such land, it would have had a seriously adverse impact on the ability of the sector to deliver on the Government's target to reach 70GW of generation capacity by 2035, cutting bills and carbon on the way.

### Scottish Government to provide rates relief for onsite solar generation starting April 2023

Q4 saw Solar Energy Scotland welcoming the inclusion of non-domestic rates relief for solar energy systems in the Scottish Government's budget. Solar energy is a low-cost energy source able to significantly reduce running costs in domestic and business premises over a year. The changes will exempt new solar schemes from non-domestic rates till 2035, allowing businesses to gain the full financial benefit of onsite generation.

### Developing the next generation of installers

To continue delivering on the Mayor of London's London's Solar Skills London project as part of his Solar Action Plan, towards the end of 2022, we partnered with South Thames Colleges Group to deliver a short Solar Skills Technologies learning course – the Solar Skills Technologies Bootcamp. The project aims to help employers meet their hiring needs and learners to start a career and support needed to succeed in moving onto an apprenticeship or job with a London-based solar company.

## Working group activity

**Our working groups are an integral part of our mission to foster collaboration and innovation within the industry. Bringing together our members to tackle pressing challenges, cultivate valuable networks, exchange insights and expertise, and collaborate on influencing government policies. Our working groups unite the UK's leading specialists to advance and transform the industry.**



### Utility-Scale Commercial WG

With the unprecedented volatility and historically high prices seen in the UK wholesale power markets, the Utility-scale Commercial Working Group has focused its activities on the Government's evolving response to the energy crisis and the proposed regulatory changes, including the Renewable Electricity Market Arrangement (REMA), the Energy Security Bill, and the rapid, sometimes chaotic, evolution of a windfall tax, leading to the Energy Generator's Levy (EGL). Providing the latest updates on significant and rapid regulatory changes and gathering wider views, concerns, and observations to inform a collective industry response to formal consultations and ad hoc government interaction has dominated the year. In addition, the threat of widening the BMV land classification, unfounded concerns around solar deployment impacting national food security, the 2023 Business Rates Review, and the ever-present grid constraint issues have meant the year has been challenging, varied, fast-paced, and exciting.

One significant step forward for the industry was the inclusion of solar PV in the Contracts for Difference scheme, with over 2.2GWp of capacity awarded funding in AR4. This served as a timely reminder that the industry's voice has an impact; it can shape the future of solar in the UK. Using the Working Group as a platform to hear and understand our members' views and represent them in discussions and negotiations with government and regulatory decision-makers has been a key focus and undoubtedly led to beneficial results.

Whilst this focus will continue, we hope for a more stable regulatory environment in the coming 12 months, one in which we can continue to consider how best to remove the barriers to achieving the UK's Carbon Net Zero targets.

***"We will remember 2022 as a challenging year! The pace and sometimes chaotic response from the UK Government to the historical rises in the UK wholesale power markets, and frequent changing of administrations and policies, dominated the latter part of 2022. Utilising the Commercial Working Group to not only provide the latest updates and opinions on important regulatory changes, but also as a forum to hear and understand our members' concerns and suggestions, which then inform an industry response to government and associated regulatory bodies, has undoubtedly been a highlight. There is little doubt that we have collectively helped shape policy in the last 12 months, and we can all feel proud of this."*** – Luke Roberts, Working Group Chair and Senior Commercial Director at Blufield LLP.

## Utility-Scale Technical WG

This forum has been a hub for SEUK members to discuss day-to-day technical asset management, operations, and maintenance. Earlier in the year, the forum facilitated great discussions and presentations around the impact of extreme weather events and how the insurance industry's role is changing within the sector. In the latter half of the year, the group covered the environmental and technical considerations for end-of-life options for solar farms. The group will look to condense this into industry-facing briefings on recycling, repowering/revamping, and decommissioning in 2023.

The working group has been a forum for a host of leading academics and industry experts at the forefront of research in end-of-life options. We have established relationships with DEFRA, Industry Council for Electronic equipment Recycling (ICER), the Environment Agency and more. We will continue to work closely with these stakeholders in 2023.

***"2022 has been a very eventful year politically at both a domestic and international level and has resulted in an increased focus and scrutiny of the UK's energy security strategy, where the role of renewables is now a fundamental part. We now face the reality of a growth trajectory for solar in the UK and elsewhere that has never been attempted before. This exponential growth is both exciting and challenging for all of us in the industry, and with sight of imminent human resource constraints, the imperative to work smarter and improve the quality of everything we do is very clear indeed. Technical best practice, standardisation and digitalisation has never been more important."*** – Will Hitchcock, Working Group Chair and Founder and CEO at Above Surveying.



### Natural Capital

During Q2, we released the Natural Capital Best Practice Guidance, an industry-first, looking at increasing biodiversity at every stage of solar farms' lifecycle. This was endorsed by various environmental and land use organisations and a foreword written by Tony Juniper, Natural England. We have used this as an opportunity to continue establishing and developing relationships with NGOs, Government departments (including DEFRA, BEIS and beyond) and academia.

Complimentary to this, in collaboration with Clarkson Woods, Wychwood Biodiversity and Lancaster University, we have produced a standardised approach to monitoring ecology on solar farms. In Q3, the methodology was piloted across multiple solar farms in the UK. This data will then be used to publish a UK-wide report on ecological trends on solar farms. We have welcomed Hollie Blaydes, PhD Researcher from Lancaster University, on a short-term contract until March to support the analysis of the report's ecological monitoring data and development. The report will be published in Q2 2023.

Lastly, increased political pressure on solar and land use in Wales, specifically Best and Most Versatile, led to a Welsh land use subgroup forming. This forum was constructed for members to address project-specific challenges, highlight our government and advocacy work and communicate current political issues around land use in the UK. We have engaged regularly on land use with government departments, including DEFRA, BEIS and DLUHC and continue to develop our relationships. This forum has now expanded to cover land use from a UK-wide perspective and will continue to meet regularly in 2023.



## New Build

Solar Energy UK's New Build Working Group members continued to promote the benefits of installing solar on new property. This included meeting with officials from the Department for Levelling Up, Housing and Communities(DLUHC), developing the Future Homes Standard to make a case for solar panels to be mandatory on new homes in England. Members also supported the development of the Value of New Build Solar, which provides evidence of the financial benefit of solar for new homes.

*“2022 has been a tricky year navigating significant cost increases and inflation triggered by geopolitical factors such as the Ukraine war following Covid. Fortunately, this shows signs of becoming less volatile in 2023. It has also been a year of preparation for the increased installation volume emanating from the new Part L of the building regulations and the Future Homes Standard expected in 2025. Across all sectors, solar is becoming more popular and the renewable technology of choice which represents huge opportunities for the future.” – Paul Hutchens, Chief Executive Officer, Eco2Solar Ltd.*

## Local Authorities

This year, the group has focused on engagement with local authorities by delivering an industry-led roundtable and targeted dissemination of briefings and reports. The roundtable saw Local Authorities join SEUK members to discuss land use and biodiversity, community engagement and decarbonisation of buildings and consider several case studies. This provided a forum for Local Authorities to raise concerns, ask questions, and dispel common myths.

The group has also welcomed Richard Partington, Ace-On, as vice-chair of the working group. Richard brings considerable expertise and knowledge of local authorities, having worked as Managing Director at Telford and Wrekin Council, leading the delivery of the second local authority-run commercial solar farm in England.

*“2022 has seen local authorities at the centre of many issues spinning out from the energy crisis; the affordability of energy, the need for more UK-based production, windfall taxes, grid constraints, debates about land use and planning. Solar Energy UK and the Local Authority Working Group have been a welcome forum to help guide our members through these many challenges whilst continuing to make the case for solar energy having a central role in our response to this crisis and our ongoing long-term plans for Net Zero.” – John Taylor, Chair, Energy Projects Manager, Greater South East Energy Hub.*



## Scotland

This year, Solar Energy Scotland had a renewed focus on advocacy, strengthening and developing relationships with key Scottish politicians and civil servants, and building contacts in the wider Scottish energy industry.

The group has secured several key policy achievements, including removing glint and glare from the Scottish National Planning Framework 4, extensions of business rates relief to onsite solar generation, and accelerating the Scottish Government's review of permitted development rights.

The Scottish Government attended the group's meeting in September to discuss the Scottish Government's solar vision. Members welcomed this discussion. The group will continue to push for the inclusion of a 4-6GW solar deployment ambition in the Scottish Government's final Energy Security Strategy and Just Transition plan, a consultation on which was published on 11 January 2023.



## Residential Rooftop Working Group

The Residential Rooftop Working Group looked at various domestic issues and opportunities in 2022. Solar Energy UK members were kept up to date with the latest innovations in residential solar as they received technical presentations from our manufacturer members. The Working Group also extensively discussed how to best engage with independent DNO's, particularly in the context of G98/ G99 applications. Members also kept up to date with the latest on consumer protection, industry standards and deployment figures via the MCS. This was an exciting year for residential solar due to the skyrocketing demand, which we are confident will continue for years to come.



## Commercial Rooftop Working Group

The Commercial Rooftop working group identifies common factors that explain why commercial solar systems are experiencing record growth in the UK and how to lower barriers. In 2022 the group largely focused on the development of RC62, the benchmark insurance document for UK commercial rooftop solar installations. Additionally, the group provided input into Solar Energy UK's Corporate Buyers Guide, which provides an overview for companies of the benefits of solar power and the key commercial considerations.

*"This year has been another good year for rooftop solar – order books are full, and teams are working flat out – but much remains to be done to address ongoing policy and regulatory challenges. Particularly relating to grid capacity – becoming a serious constraint to deployment. Members' input via Working Groups is invaluable." – Jonathan Bates, Working Group Chair and Managing Director at Photon Energy*

## Solar Heat Working Group

The Solar Heat Working Group was largely centred around delivering our The Value of Solar Heat report; members offered valuable contributions and feedback to the research. Our original study demonstrated the financial and carbon benefits of installing solar heat technology, and this report will serve as the basis for our lobbying efforts around clean heat. The group also discussed the skills needed to deliver on clean heat targets and reviewed the current policy barriers solar thermal faces.

## Webinars

Solar Energy UK delivered a series of dynamic webinars, offering our members essential market updates and industry insights. These interactive webinars focused on addressing pressing issues faced by our industry and created an open forum for members to share perspectives and exchange innovative ideas.

In 2022, members tuned in as we launched four ground-breaking reports: The Corporate Buyers Guide, Natural Capital Best Practice Guidance, The Value of Solar Heat and The Value of New Build Solar. Our reports guided procurement, environmental management, and solar's financial and carbon value to UK homes.

During the webinars, our industry experts shared their knowledge on various subjects, such as the obstacles faced in solar financing and grid connection and the economic factors affecting commercial solar projects. And the Solar Energy UK policy team informed members about the prevailing policy landscape in every session. Furthermore, Solar Media presented a thorough quarterly evaluation of the market's current state.

- ✓ A Bright Future for Solar
- ✓ Solar Financing and Grid Connection Challenges
- ✓ Business Rates
- ✓ Solar's Contribution to the Natural World
- ✓ The Commercial Benefits of Onsite Solar'
- ✓ State of the Solar Industry: Commercial Cost Dynamics
- ✓ Solar Stewardship Initiative
- ✓ The Role of Solar in the Decarbonisation of Heat





## Strengthening policy to unlock Scotland's solar and energy storage potential.



### Solar Energy Scotland

Solar Energy Scotland works to shape policy to realise the potential of solar and energy storage in Scotland, and to work with Government and all stakeholders to deliver on climate change obligations and net zero greenhouse gas emissions by 2045.

2022 was a year of achievement for Solar Energy Scotland. The Scottish Parliament hosted its first-ever debate on solar energy. First Minister Nicola Sturgeon said, "Energy that is generated from solar can, without a shadow of a doubt, make a very significant contribution to both the decarbonisation of our energy supply and the just transition that we need to make to a net zero emissions society by 2045". The revised draft of the National Planning Framework 4 removed all references to glint and glare and supported renewable energy development on Green Belt land. Onsite generation will qualify for rates relief from April 2023 until 2035. Permitted Development rights for solar energy will be reviewed in early 2023, a year earlier than expected.

These are all significant policy wins that speak to the momentum our industry is building. The Scottish Energy Strategy and Just Transition Plan, released 11 January 2023, is consulting on setting a level of solar deployment ambition for Scotland. We are optimistic that the ambition will align with our 4-6GW target.

### Scottish Parliament

Solar Energy Scotland successfully built relationships with Members of the Scottish Parliament (MSPs and Ministers). We met with MSPs ten times this year. The progress we made in building relationships with MSPs from all parties was clearly demonstrated in the first-ever Scottish Parliament debate on solar energy, in which representatives of every party spoke positively about solar. Two motions lodged by Fergus Ewing, MSP, attracted cross-party support. Cross-party letters supporting a solar ambition were sent in May and November.

### Scottish Government

We have built a much closer relationship with the Scottish Government this year through monthly meetings with the team responsible for the Solar Vision. Jasmine Killen, Head of Onshore Renewable Electricity, attended our September working group and spoke to members about the Solar Vision, policy barriers, agricultural subsidies, and the grid. While we have not successfully reversed the Scottish Government's decision to remove solar from the notional house, they did commit to the Scottish Solar Vision to review the standard further.

Solar Energy Scotland facilitated a visit from Minister Patrick Harvie (Greens) to a solar site in Linlithgow and sent a letter on permitted development rights and business rates to Ministers Tom Arthur and Kate Forbes. Nearly 30 industry partners supported our letter. This letter proved effective: the Scottish Government announced in November that permitted development rights for solar would be reviewed in phase 3 of their planned review instead of phase 4, a significant improvement. In December, the Scottish Government extended rates relief to onsite generation, including solar.

We want to extend special thanks to Emtec, AES, and Locogen for their work gathering signatures.

### UK SEES 80% INCREASE IN SOLAR PV INSTALLATIONS IN FIRST HALF OF 2022

In the first six months of 2022, the UK saw an 80% increase in new solar PV installations over the same period a year ago, with 556MW of capacity installed.

### MCS-ACCREDITED 2022 PV DEPLOYMENT SURPASSES ENTIRE 2021 DEPLOYMENT

MCS' latest data for solar panels installed on UK homes showed that new solar PV installations have surpassed the total for 2021 just eight months into 2022.

79,560 solar PV installations were completed from January – August 2022, a 30% increase on the 61,431 installed in the whole of 2021. Plus, a 144% increase of solar PV installations were registered with MCS in August 2022 – 12,411, compared with 5,082 in August 2021.

### 2022 WAS A GAME-CHANGING YEAR FOR THE INDUSTRY

Last year saw a 114% rise in solar photovoltaic (PV) systems installation in UK homes, totalling 130,596, making up most of the 163,341 MCS-certified – the highest annual deployment since 2015, which saw 200,000 installations.

The highest annual increase of certified contractors in 2022 at 780 – more than double the net increase from 2020 to 2021 was also reported. Impressively, 67% of these contractors are certified for electricity-generating technologies, demonstrating the growing demand for domestic solar in the UK.

### SIX YEARS OF SOLAR ROOFS: STRONGEST GROWTH SINCE 2015

Our latest data launched in Feb 2022 with Solar Media showed that 2021 saw 730MW of solar PV capacity installed around the UK – a major pandemic success story.

These numbers represented an increase in growth of 36% in 2020 when 538MW were deployed. The total installed capacity in the UK is 14.6 GW, up 5.3% in 2020.



# Deployment

2022 was a record-breaking year for solar deployment in the UK. More than half a gigawatt of new solar was installed in the first six months of the year, and by the end of September, MCS-installed capacity had already exceeded the total installed in 2021. Including utility-scale projects, Solar Energy UK expects that more than a gigawatt will have been installed in 2022 overall, for the first time in the subsidy-free era.

These figures reflect the benefits of solar, which helps to cut costs while addressing climate change. And the dynamics are true across all sectors. The retrofit market continues to increase, with our residential installers reporting overflowing order books. We are also working to ensure that the Future Homes Standard leads to solar coming as standard on new homes in England, and should this happen, then from the middle of the decade, there will be 100,000 annual solar installations on new homes alone.

There are also hundreds of megawatts of commercial rooftop solar projects in the planning pipeline as businesses up and down the country take action to reduce their energy bills and meet net-zero objectives. Plus, solar farm developers are designing gigawatts of projects that will help bring the wholesale cost of electricity down and reduce our reliance on fossil fuels from abroad.

The next decade should see solar play a transformational role in our energy system. Solar Energy UK members will lead the way in developing high-quality solar projects at all scales.

Furthermore, the UK government's commitment to reaching net zero carbon emissions by 2050 has contributed significantly to the growth of solar deployment in the country. The government's efforts to support the growth of renewable energy sources, including solar, have been a driving force behind the record-breaking numbers seen in 2022.

The increase in solar deployment has also created jobs. Economic growth in the industry and demand for solar installers, engineers, and project managers has increased significantly, boosting the UK economy. Additionally, the growth of solar projects has also led to increased investment in the sector, which will further support the development of new and innovative technologies.

**"The price of solar panels has dropped by more than 80% in the past decade, making it more affordable for households and businesses to install solar systems."**

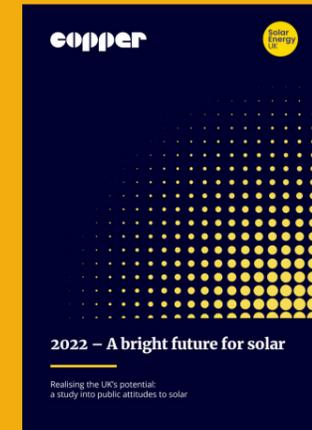
Another key factor in the success of solar deployment in 2022 has been the decrease in the costs of solar panels and other equipment. The price of solar panels has dropped by more than 80% in the past decade, making it more affordable for households and businesses to install solar systems.

As we look to the future, the potential for solar deployment in the UK is limitless. With the government's continued support, the industry's commitment to innovation and cost reduction, and the growing demand for clean energy, it is clear that solar will play a critical role in achieving a sustainable and zero-carbon future for the UK.



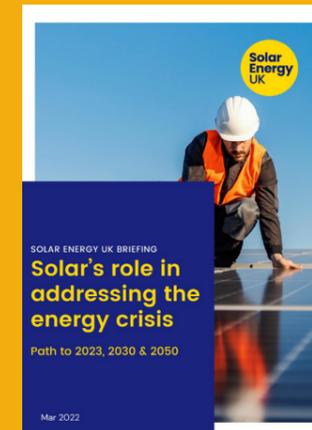
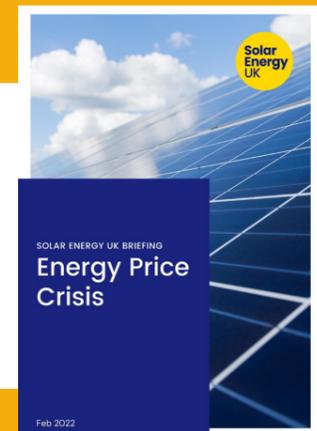
# Research

Throughout 2022, Solar Energy UK maintained a robust and steady core research program, generating quarterly reports offering industry guidance and creating, for the first time, several briefings with prompt responses across many pressing topics.



**A Bright Future for Solar**  
Realising the UK's potential: a study into public attitudes to solar. Our latest research with Copper Consultancy into public attitudes on solar farms demonstrates for the first time that supports for solar farms is vital not only amongst the wider public but crucially amongst those living closest to them. Further, it shows that this support increases over time.

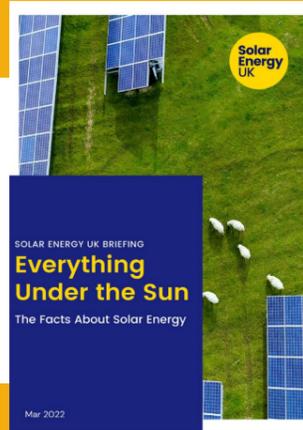
**Energy Price Crisis**  
Rapid increases in gas prices in 2021, impacting millions of households across the country, combined with the rise in the energy price cap in April 2022, caused a cost-of-living crisis in the UK, undermining the country's economic recovery from the coronavirus pandemic. Our Energy Price Crisis briefing sets out immediate and longer-term recommendations.



**Solar's role in addressing the energy crisis - Path to 2023, 2030 & 2050**  
The UK had a serious energy crisis before the invasion of Ukraine. The need to rapidly scale up homegrown energy has become more urgent than ever. The briefing summarises the benefits of solar energy and the immediate impacts of deploying more solar on the UK energy crisis.

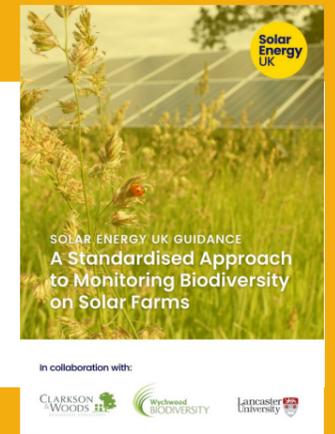
### Everything Under the Sun – The Facts About Solar Energy

The UK solar industry has vast untapped potential, and recent figures demonstrate that PV deployment is rapidly scaling up. Solar can address climate change and gas price hikes, providing low-cost, low-carbon electricity to meet the UK’s needs whilst increasing self-sufficiency. This briefing sets out the facts about solar and dispels myths about solar projects in the UK.



### Solar Energy UK Guidance: A Standardised Approach to Monitoring Biodiversity.

Realising the UK’s potential: a study into public attitudes to solar. Our latest research with Copper Consultancy into public attitudes on solar farms demonstrates for the first time that supports for solar farms is vital not only amongst the wider public but crucially amongst those living closest to them. Further, it shows that this support increases over time.



In collaboration with:  
CLARKSON WOODS, WOODHEAD BIODIVERSITY, Lancaster University



### Corporate Buyers' Guide: The benefits of onsite commercial solar power projects.

As corporate energy bills soar and the need for businesses to cut carbon emissions accelerates, many companies have chosen to prompt their search for clean and affordable energy sources. SEUK responds by offering guidance on developing onsite solar systems, a proven way for businesses to reduce costs and lower carbon emissions.



### Solar Farms & Food Security: The Facts

Claims that solar farms jeopardise the UK’s food security are false. The opposite is true, and this briefing explains the role of solar farms in supporting the UK’s food supply. It is intended to help members of the public, MPs, planning officials and others with an interest in countryside management to understand how solar energy fits into the UK’s land use needs.

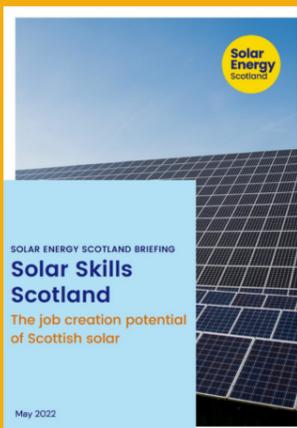
### Natural Capital Best Practice Guidance: Increasing biodiversity at all stages of a solar farm’s lifecycle.

As the UK strives to meet net zero and develop clean, affordable energy, solar farms are helping to address another mounting problem: the ecological crisis. Well-designed solar farms can help reverse this by directly enhancing local animal habitats and wildlife while providing renewable, low-cost energy.



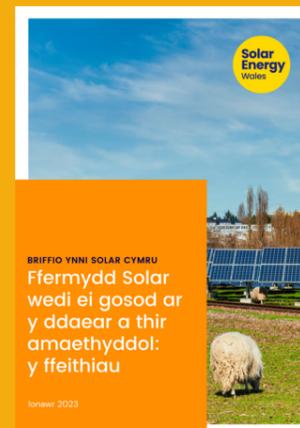
### Ground mounted solar farms and agricultural land: The Facts

Claims that ground mounted solar farms jeopardise food security are false. This briefing explains the role of solar farms in supporting the food supply in Wales, as well as its contribution to wider economic and climate change objectives. It also looks at the relationship between ground mounted solar and land use and soils, energy costs and food security.



### Solar Skills Scotland: The job creation potential of Scottish solar

The briefing describes the job creation potential of the Scottish solar industry. Employment data analysis showed that if the Scottish government sets a 2030 deployment ambition of 4-6GW solar energy capacity, the industry could support nearly 9,000 jobs, including manufacturing, construction, and business management.



### Ffermydd Solar wedi ei gosod ar y ddaear a thir amaethyddol: y ffeithiau

Mae unrhyw awgrym bod ffermiau solar yn peryglu ddiogelwch bwyd yn ffug. Mewn gwirionedd, mae'r gwrthwyneb yn wir, ac mae'r papur briffio hwn yn egluro rôl ffermydd solar o ran cefnogi'r cyflenwad bwyd yng Nghymru, yn ogystal â'u cyfraniad at amcanion economaidd a newid hinsawdd ehangach.

# Partnerships

In 2022, our collaborations with various organisations and solar industry groups had enabled us to expand our presence in the sector. Our partnerships have provided us with more expertise, abilities and contacts within the commercial, policy, and media arenas, which have consequently strengthened our status as the top UK trade association. Consequently, we are delighted to have partnered with the following:

**MCS**  
By partnering with MCS, Solar Energy UK continues to provide affiliate membership to all solar MCS installers. This gives them access to our informative newsletters, educational webinars, and insightful briefings. This expansion of our offer is part of our mission to create a clean energy system that benefits everyone. We have continued to liaise and coordinate with MCS on all relevant policy aspects – including supporting media appearances and events, aligning consultation responses, endorsing joint policy positions, and engaging wherever possible on behalf of the overall solar industry.

**Solar Media Ltd**  
As part of this partnership, Solar Media has provided market intelligence on the UK's solar power revolution, with quarterly and annual market updates for newly installed solar PV capacity. This data source has proven valuable for our members, Solar Media's online audience, and other solar industry stakeholders tracking the sector's growth.

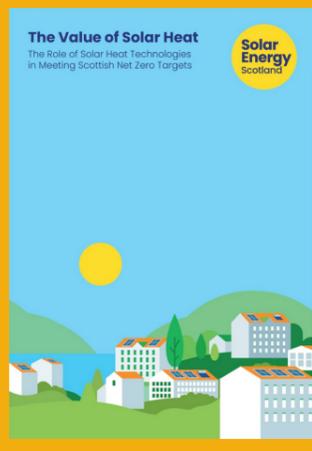
**GLA – Greater London Authority**  
We are thrilled to have partnered with the Mayor of London to introduce Solar Skills London. The scheme was created in response to the need expressed by our members for more trained electrical workers in the solar sector. Throughout 2022, we've continued to carry out this initiative to give people the training and assistance to pursue a career in solar.

**Terrapinn**  
Solar Energy UK has teamed up with Terrapin for the next 10 years to jointly host Solar Storage Live, bringing together 200+ exhibitors and providing insightful conferences and networking opportunities. Joint efforts in 2022 have already delivered the most successful to-date edition of the event, with over 10,000 attendees across 3 days.



**The Value of Solar Heat**  
Heat plays a crucial role in our daily lives; it is essential to our health and comfort. It also represents a significant cost, and, at present, generates major carbon emissions: space, water and industrial heating together account for more than a third of UK greenhouse gas emissions. This report explains the carbon and financial benefits of using solar energy to decarbonise residential and commercial buildings in the United Kingdom.

**The Value of New Build Solar**  
To meet the UK's legally binding commitment to achieve a net zero economy by 2050, it will need a near-complete decarbonisation of UK housing stock. This research provides robust evidence of the significant energy cost savings that solar technologies can provide to new build homeowners – Solar photovoltaic panels are the key enablers of the low-carbon, low-running cost homes of the future.



**The Value of Solar Heat in Scotland**  
The Value of Solar Heat: The Role of Solar Heat Technologies in Meeting Scottish Net Zero Targets makes the case for solar in Scotland, demonstrating cost-effectiveness and contribution to 2045 net zero goals. It includes a robust carbon/financial model and four case studies analysing the performance of solar in different households spread across the country.

# Solar and Storage Live 2022

Solar and Storage Live is the UK's most forward-thinking, challenging and exciting renewable energy exhibition that celebrates the technologies at the forefront of the transition to a greener, smarter, more decentralised energy system.

In 2022, Solar Energy UK and Terrapin began its official 10-year partnership together by delivering the best-attended edition of the show in the history of the event.

## Solar and Storage Live Numbers

- Over 10,000 attendees
- 296 Speakers
- 244 Sponsors & Exhibitors
- 70 Start-Ups
- 145 Sessions

- Our policy experts provided thought-leading insight over three days by advising, speaking and moderating 48 topical conference sessions.
- 58 Solar Energy UK members participated as high-level speakers at conference panels.
- 85% of Installer Training Hub expert training providers were Solar Energy UK members.



# Installer Training Hub

For this edition of Solar and Storage Live, Solar Energy UK and MCS brought a brand-new feature to the show; the Installer Training Hub, an expert installation training hub, delivered by leading solar industry training providers.

During the 3-day conference, training providers specialising in the solar industry ran multiple session training over 600 people on Solar PV Module and Mounting, Inverter, and Battery Storage installation and commissioning.

“Not having enough skilled workers to fulfil the demand for solar installations presents a significant risk for the UK's net zero ambitions.

In response, six months ago, Solar and Storage Live, Solar Energy UK and MCS embarked upon a journey toward making a small dream a reality: producing a brand-new annual Installer Training Hub showcase.

This brought together expert training providers to deliver workshops and practical demonstrations dedicated to solar PV module and mounting, plus inverter and battery storage installation and commissioning. It included demonstration rigs, showcasing the various methods by which solar panels can be installed and how to calibrate and commission the very latest solar PV and storage systems. – Sturge Mazzocchi, Business Development Manager at Solar Energy UK.



The hub, designed as a centre for professional development, for both those new to the industry and experience installers, is the perfect opportunity to learn about the latest products and technologies launched on the market.



# SEUK at Events

## Future Build

This was a fantastic opportunity to network and engage with those leading the net-zero transition, sharing a stand with MCS to display the benefits of residential and rooftop solar alongside them.

The event brought together manufacturers and suppliers of the most innovative technology, products, and services to drive change across the industry. A high-quality keynote speech on the Value of Solar Property report was given by our policy team – garnering interest in the financial benefits of residential rooftop solar systems.



## Installer Show

Across three days, we joined panel discussions and hosted a drinks reception with MCS. We also examined the need for a skilled workforce to support the growth of the solar sector in panel discussions and made introductions to Solar Skills London, a project to expand solar installations in London.



## Segen Showcase

Segen showcase is a pillar of the annual UK solar industry calendar. It bodes well and sets up many 2022/23 plans from important industry collaborators and contributors. On this occasion, our participation at the event allowed us to access insightful seminars and presentations and develop meaningful relationships with industry colleagues. It's also been an opportunity to showcase our Corporate Buyers' Guide.



## Energy Storage Summit + Solar Finance & Investment Summit

As media partners for both events in 2022 organised by Solar Media LTD, our engagement has allowed us to connect with leaders in the field, reconnect with members and generate new membership leads. The event explored content on policy, supply constraints, financing, the increasing scale of the industry and longer-duration technology.



## All Energy – Glasgow

Solar Energy Scotland delivered a keynote presentation at the All-Energy event on 'Delivering 4-6GW of solar in Scotland by 2030 - an agenda for change'. The discussion, attended by industry peers at a full-room capacity, identified the main ways to overcome barriers to utility-scale development, including grid, planning permission, public attitudes and government regulation.



## IMHX

In September, UKWA published the Investment case for solar power in warehousing and logistics report, produced by specialist Delta Energy & Environment consultancy. According to the report, UK warehousing has the roof space for up to 15GW of new solar power. Kevin McCann our interim Head of Policy, joined Calre Bottle, CEO of UKWA, Thomas McMillan, Energy Director at Savills, Jenna Strover, Head of Commercial Delivery at Potter Space and Laurence Robinson of Delta-EE to present and discuss the report findings and sector strategy for solar.



## Intersolar – Munich

After three years away, Solar Energy UK staff were back at the Intersolar Conference and Exhibition in Munich in 2022. The event was an excellent opportunity for our Chief Executive, Chris Hewett, to present the UK market prospects alongside other national associations. The event was also perfect for us to catch up with existing members and meet prospective ones.



## Our members' achievements at Solar & Storage Live Awards 2022

### Lifetime Achievement Award

#### Seb Berry, former Vice-Chair of Solar Energy UK

received this prestigious award for his commitment of 21 years in the solar industry. During his speech, he said "this award is really unexpected and very special. After 21 years of working in this incredible sector, it means a lot to me. It's been my very great honour to play a small part in establishing solar in this country"



**Six members of Solar Energy UK came on top at the Solar & Storage Live Awards, the glittering high point of the solar industry's year. The Awards, held as part of the Solar & Storage Live conference, celebrated the industry and recognised the most innovative and impactful solar and storage projects and contributors throughout the UK.**

### ★ Contractor of the year: Solarsense

Solarsense specialise in the design, supply, installation and maintenance of solar panels and other renewable energy technologies. Their multi award-winning service has been delivered across all commercial sectors and are responsible for powering some of the UK's leading organisations.

### ★ Alan Clark Award for local/community energy: Emtec Energy

For over 10 Years Emtec Energy has delivered a full, turnkey solution in the energy and renewable technology sector. Based near Glasgow, they are one of Scotland's leading Solar PV installers and key supporters of Scottish sectors including Agriculture, Food Production and Scotch Whisky Distilling.

### ★ Commercial solar / storage project of the year: Custom Solar

Custom Solar designs, installs and maintains world-class solar systems for corporations and public sector institutions. Their track record of tailoring projects for large-scale commercial clients relies on creativity, expertise in engineering and an industry leading attitude to health & safety.

### ★ Wholesaler/Distributor of the Year: Midsummer

Midsummer is one of the UK's fastest growing distributor of renewable energy systems, products and cutting-edge solar design software. Their aim is to educate and enable as many people as possible to harness, store and intelligently use renewable energy, including Solar PV, battery systems, EV chargers, off-grid backup and heating products.

### ★ Operations and Management Award: Clean Solar Solutions

Since 2013, Clean Solar Solutions Ltd have been leading the UK solar panel cleaning industry, providing expert, professional cleaning services to clients looking to improve the performance of their solar panels.

### ★ Product Innovation Award: Viridian Solar

Viridian Solar is a UK-based manufacturer of roof integrated solar panels. Their Clearline Fusion range of photovoltaic (electric) solar panels fit in the roof and take building integration of solar to the next level. They manufacture sleek, low-profile roof-integrated solar panels that replace the tiles or slates on roofs to make solar a genuine home improvement.

## Our members' views



For the 3rd year in a row, our members agree we're the leading **MUST-JOIN** trade association for solar energy.

### This year our members gave us top marks for

- Hosting and delivering working groups that are effective in covering shared problems and highlighting opportunities.
- Our drive and influence in representing members' interests and asks to government
- Providing business critical information in a timely manner
- Responding swiftly and appropriately to new matters arising

### What our members value most

- 1 In-depth discussion about shared problems in working groups
- 2 Research, bulletins and webinars providing market news and insights
- 3 Working together to influence policy makers

Our Annual Membership Survey asked members to give one example of how Solar Energy UK have most impressed them over the past 12 months - Here's some of the responses:

“ Constant pressure on the UK government for policy changes relevant to our industry.  
**Fronius**

“ Solar energy UK provided us with very helpful support by keeping communication efficient.  
**LONGi**

“ Corporate Buyers Guide, input to RC62, continued policy work.  
**Photon Energy Ltd**

“ Media coverage.  
**Helios Solar Operations & Maintenance Ltd**

“ Government engagement, working groups, bulletin, quality of reports and response turnaround to policy announcements.  
**Segen**

“ Agile response to Truss administration's attempt to ban new large solar through land use change.  
**Neuville Grid Data**

# Meet the team

We aim to leverage the combined capabilities of our members towards creating a sustainable energy ecosystem that benefits all. To achieve this goal, we've assembled an inclusive and diverse team to drive business results – people with different skills, styles and approaches to spark daily innovation and turn ideas into impact. This approach has been instrumental in making the significant progress achieved in 2022 possible.



**Chris Hewett**  
Chief Executive Officer



**Gemma Grimes**  
Director of Policy & Delivery



**Cherry Parker**  
Director of Business Development



**Emily Rice**  
Scotland Policy Analyst



**David Arent**  
Membership & Events Officer



**Noku Sunduza**  
Marketing & Communications Officer



**Veronica Magoja**  
Head of Marketing & Communications



**Rachel Hayes**  
Consents and ESG Policy Manager



**Kara Davies**  
Policy Manager - Economic & Network Regulation

## Acknowledgements

We want to thank those who worked and supported us in 2022 and wish them the best on their new career paths.



**Sabine McGinley**  
Communications & Media Officer



**Cameron Witten**  
Head of Policy



**Kevin McCann**  
Head of Distributed Generation



**Sturge Mazzocchi**  
Business Development Manager



**Alysha Ratansi**  
Head of HR & Governance



**Gareth Simkins**  
Senior Communications Adviser



## Solar Energy UK Members 2022

Thank you to all members who continue to choose us throughout the year and a warm welcome to those who joined us in 2022.

- 2DegreesKelvin
- 4 Energy Solutions Ltd
- ABEI Energy
- ABL Group
- ABO WIND UK Limited
- Above
- Absolar Solutions Limited
- Absolute Solar and Wind
- Aceleron Energy Ltd
- Aceon Battery Solar Tech Ltd
- Active Building Centre
- AES SOLAR
- Alectris
- Allianz UK
- Allume Energy
- AISi consulting Limited
- Amberside Energy
- Amelio Energy
- Anesco
- Anglo Renewables Ltd
- Apollo power
- Ashfords
- Atrato Onsite Energy plc
- Aukera UK Limited
- Aura Power
- Auream Energy LTD
- Barilla
- Bauder
- BayWa r.e
- BCR Associates / Business Cost Reduction Associates Limited
- Beaufort Asset Managers Ltd
- Beba Energy UK Ltd
- Belectric Solar Ltd
- Belltown Group Limited
- Blackfinch Energy c/o Sedgwick
- Trading Limited
- Blackrock Investment Management UK
- Bluefield Group
- Boom Power Ltd
- BRE
- Bright Renewables Ltd
- Brighter Green Engineering Brighton & Hove City Council
- British Solar Renewables Ltd
- Bumblebee Energy Ltd
- Burges Salmon Company Limited
- Cambridge Solar Ltd
- Canadian Solar UK Projects Ltd
- Caplor Energy Ltd
- Casa Verde Energy Ltd
- cc solar
- CEERISK Consulting Limited
- CEF
- Ceiba Renewables Ltd
- Centre for Renewable Energy and Systems Technology, Loughborough University
- Centrica PLC
- Cero Generation Services Ltd
- ChargeWorks
- Chelsfield Solar c/o Chelsfield Electrical Ltd
- Chiltern Solar Ltd
- Cita EV Charger
- City Plumbing
- Clarkson and Woods Ltd
- Clean Energy Associates
- Clean Solar Solutions
- Clear Energy Solutions Limited
- Clearstone Energy
- Climateshield Solar Ltd
- Cloud Access (Manchester) Ltd
- Cloud KB Ltd
- Community Energy South
- Connections Legal Management
- Copper Consultancy
- Croydon Community Energy
- Cubico Sustainable Investments Limited
- Custom Solar
- Decerna Limited
- Distributed Energy
- DNV GL UK
- Downing LLP
- Dynamic Energy Solutions LTD
- Dynamis Associates Ltd
- Earth and Sun
- East Green Energy
- Eco Energy Environment Limited
- Eco2Solar Limited
- Ecolution Group Limited
- Econergy International
- Ecovision Asset Management Ltd
- Eden Renewables Ltd
- Eden Sustainable
- EDF Energy Renewable Limited
- Edina
- EEAG Limited
- Efficiency
- Elawan Energy
- Electricity North West
- Electron Green Limited
- Elements Green Ltd
- Elgin Energy Holdings Ltd
- Elmya Energy UK Limited
- Emeren Limited
- Emtec
- ENcome Energy Performance UK Ltd
- Endurance Energy Limited
- Eneco UK Ltd c/o Pinsent Masons LLP
- Energi North East
- Energy for London
- Enlightened Solar Ltd
- Ennoviga Solar Ltd
- Enphase Energy
- Eos Solar Solutions
- Equans Regeneration Ltd
- Equitix Limited
- Erova Energy Ltd
- ERP UK Limited
- Esdec
- eSmart Networks Ltd
- Ethical Power Connections Ltd
- Eturnity AG
- EvoEnergy Ltd
- Evolution Power
- Exagen Group Ltd
- Falck Renewables
- FES Support Services Ltd
- Fichtner Consulting Engineers Ltd
- FloEnergy
- Foresight Group LLP
- Forster Energy Ltd
- Four Wood Services Ltd
- Fronius UK
- Fusion8 Ltd
- Futurelec Limited
- GenFit (c/o PV FIT LTD)
- GivEnergy
- Glowb Ltd
- GoodWe Power Supply Technology Co., Ltd.
- Gowling WLG (UK) LLP
- Gravis Capital Management Green Nation Energy Ltd
- Green Power International
- Green Power Systems Ltd
- Green Shield Group
- Greencoat Capital LLP
- Greenshop Solar Ltd
- Greensolver
- Greentech Projects Holding UK Limited
- Greenvolt Power
- Grenergy Renewables UK
- Gresham House Solar Distribution LLP
- Gridserve Holdings Ltd
- GSE Intégration
- Hanwha Q CELLS GmbH
- Harmony Energy Limited
- Harvest Green Developments
- Helios Operations and Maintenance Ltd
- Heliospekt LLC
- Hero Future Energies Global Limited
- Herschel Infrared Ltd
- Hive Energy Ltd
- Huawei Technologies (UK) Co. Ltd
- Hydroplan
- ib vogt
- ICB (Projects) Ltd
- iChoosr
- Imperium Renewable Energy Ltd
- Ineco Energy Ltd
- Infinis Solar Developments LTD
- Innovo Group
- Inspire Green
- Integrum Renewable Energy Limited
- Island Green Power
- JA Solar Investment Co., Ltd
- JBM Solar Projects Ltd
- Jinko Solar
- Jollywood Solar Technology Co., Ltd
- JPS Renewable Energy
- K2 Solar Mounting Solutions Ltd
- Keele University
- Kingspan Energy Ltd
- Lancaster Environment Centre (University)
- Laser Energy
- LHW Partnership LLP
- Lightrock Power Limited
- Lightsource Holdings Ltd
- Locogen Energy Servies Ltd
- Logic Certification Ltd – LCL Awards
- LONGi Solar Technology Co., Ltd
- Low carbon Alliance
- Low Carbon Ltd
- Low Energy Services Ltd
- Lynx Sustainable Solutions Ltd
- Macquarie
- Marubeni Europower
- MBC Renewables
- MCS Certified
- Menlo Electric S.A.
- Midsummer
- Naked Energy
- Naked Solar Ltd
- Namene Solar™
- Natural Power
- Nerfsky
- Neuville Grid Data Ltd
- Next Energy Capital
- NOCO Energy
- NovoGrid
- Novus o/b Innova Renewables
- NPTC Group of Colleges
- Obton Limited
- Octo Partners
- Octopus Renewables Limited
- Olympus Power Ltd
- OPDE UK LIMITED
- OpenSolar
- Optisol Services
- Otovo
- Pathfinder Clean Energy (PACE) Ltd
- Pearl Safety Solutions Ltd
- Peridot Solar (HOLDCO) LIMITED
- Persson Electrical
- PH Jones (British gas social housing limited)
- Photon Energy
- PhotoVolt Development Partners GmbH
- Pinsent Masons
- Planet Save Ltd
- Pollock Associates Ltd
- POWEN
- Power Circle Projects Ltd
- Power Roll
- Powervault Limited
- PRAXIA ENERGY SL
- Procast Energy Services
- PS Renewables
- Public Power Solutions
- Push Generation and Supply
- PV CYCLE aisbl
- Quintas
- REEN Performance Energy
- Regener8 Power
- Renewable Connections c/o Armstrong Energy Ltd
- Renewable Development Investment
- Renewco power
- RES
- Ri Cruden Ltd
- RNA Energy Ltd
- Roadnight Taylor
- Roythornes Solicitors
- Rubicon UK Holdings Limited
- Savills
- Schletter Solar GmbH
- SCS Groundscare (CSCG) Ltd
- Segen
- Sheffield Solar
- Shire Energy Services
- Shire Leasing PLC
- Smart Ease
- Societe Generale
- Sol PV Group Limited
- Solapave Holdings Limited
- Solar Barn Ltd
- Solar Farm Cleaning
- Solar Green Ltd
- Solar Inspector AI
- Solar Kingdom Ltd
- Solar shed
- Solar UK
- Solar2 Ltd
- SolarEdge Technologies UK
- Solarport Systems Ltd
- Solarsense UK Ltd
- SOLARWATT Technologies Ltd
- Solax Power
- Solein Energy UK Ltd
- Solis
- Solivus
- Sonnedix UK Services Limited
- Sonnen GmbH
- Square 4 Services Limited
- SSE Energy Solutions
- Statera Energy Limited
- Statkraft
- Staubli UK Ltd
- STEAG SENS (UK) Ltd
- Sun4Net
- SunGift Solar
- Sunpower Maxeon
- SunSave
- Sustainable Bright LTD
- Syzygy Consulting
- Telis Energy UK Ltd
- Terrapinn Business Media Ltd
- Tesvolt AG
- Thames Water Utilities Limited
- The Little Green Energy Company
- The Low Carbon Energy Company
- The Small Solar Company Ltd
- The Solar Factory Ltd
- Thirty47 Communications Ltd
- three counties ltd
- TLT LLP
- Treadlighter Ltd
- Tribus Clean Energy
- Triple Point
- True Green Capital Management LLC
- Trust Renewables Ltd
- Trydan Will Davey Electrical
- Twig Trading Limited
- Ty Pant Renewable Energy Limited
- UK GREENTECH
- Umbrella Solar Technologies
- Uniper Renewables GmbH
- UPOWA formerly known as HBS New Energies
- Utilligence Ltd
- Van der Valk Solar Systems UK Ltd
- Vector Renewables
- Vertis Environmental Finance Ltd
- Viridian Solar
- Voltair Energy
- Voltalia UK Ltd.
- Wagner Renewables Ltd
- Watt Energy Saver
- Waxman Energy Ltd
- Weightmans LLP
- Wessex Solar Energy
- Wild Power
- Windel Energy Ltd
- Wise Energy GB Ltd
- Wokingham Borough Council
- Wychwood Biodiversity
- Ylem Energy Limited
- ZE Energy
- Zestec Asset Management
- Zhyphen



**Join Solar Energy UK today!**

**Lead the way and be part of the UK solar transformation today!**

Since 1978, our purpose has been to make the adoption of solar energy accessible and profitable.

As a trade association, we represent the solar and storage value-chain leaders with over 300 member companies operating in the UK energy sector and beyond.

Together we are paving the way for solar to deliver 70GW by 2035 by enabling a bigger and better solar industry.

To join Solar Energy UK and discuss membership, get in touch: [membership@solarenergyuk.org.uk](mailto:membership@solarenergyuk.org.uk)



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Consulting Engineers Limited

**CONTACT US**  
[WWW.FICHTNER.CO.UK](http://WWW.FICHTNER.CO.UK)  
[SALES@FICHTNER.CO.UK](mailto:SALES@FICHTNER.CO.UK)

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Our reputation is built on over 30 years of delivering successful and diverse projects across the UK & Ireland. Our team of Professional Engineering Consultants have a depth of experience; from technical and commercial to environmental and contractual, and work alongside clients to deliver successful and innovative projects.

**Together**  
we will energise a cleaner future

**exagen**

We partner with farmers, landowners and communities to build biodiversity-boosting projects that tackle the triple threat of energy security, fuel poverty and the climate emergency.

We achieve this by building the next generation of utility scale renewable energy projects co-located with grid-balancing battery storage.

Contact us to find out more  
[exagen.co.uk](http://exagen.co.uk) | [info@exagen.co.uk](mailto:info@exagen.co.uk)

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**uni per**

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For a sustainable future!

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**FULL RANGE OF RENEWABLE TECHNOLOGY AVAILABLE INCLUDING SOLAR PV**

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[WWW.EECITYPLUMBING.CO.UK](http://WWW.EECITYPLUMBING.CO.UK)

**Uniper's growth is green.**  
The goal: to accelerate the energy transition in Europe.

With a steadily growing multi-GW pipeline of solar and onshore wind projects, we are driving the green energy transformation.

Together with our partners and customers, we are taking on one of the greatest challenges of our time and shaping the CO<sub>2</sub>-neutral energy economy of the coming generations. We cooperate in projects with different partners such as landowners, companies, municipal utilities and renewable energy developers. In doing so, we maintain a close exchange with local stakeholders and establish lasting partnerships.

If you are interested in working with us or want to be part of a dedicated and experienced team, you can find more information at:

[www.uniper.energy/solutions/renewables](http://www.uniper.energy/solutions/renewables)

# GREENER ENERGY WITHOUT COSTING THE EARTH

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## Do you still sell energy services the old way?

Using several different tools

Lots of back and forth across teams

Long administrative processes

High volume of unqualified leads



## Meet Effizency, the all-in-one tool for energy service providers

Create branded proposals in minutes

Benefit from automation to do technical sizing

Run pricing & PPA analysis real time for each project

Monitor pipeline & profitability



# UK GREENTECH

Part of Edmundson Electrical Ltd

## GREEN ENERGY SUPPLIERS FOR THE UK

- UK Greentech is a distributor of quality branded renewables products with locations servicing the whole of the UK.
- Your local UK Greentech can offer solutions on Solar PV and energy storage systems.
- With our own in-house design capability and fleet of vehicles, we can deliver anywhere in the UK.



## SUPPLY CHAIN

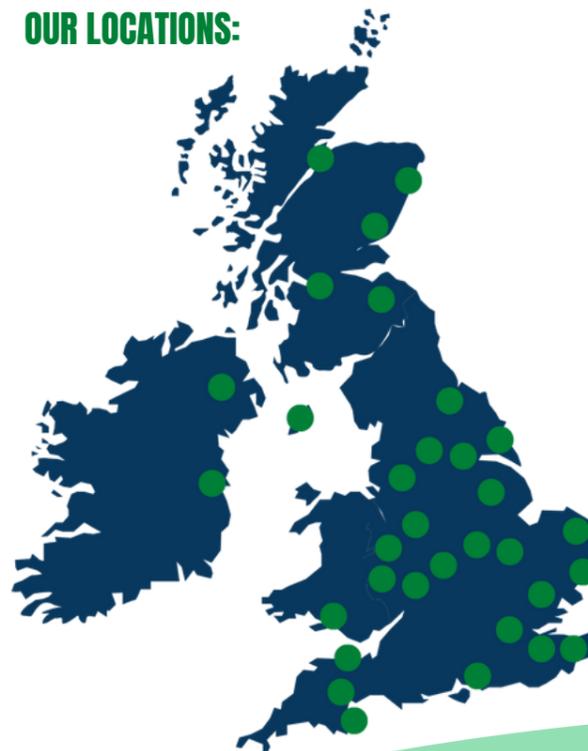
With over 300,000 SQ FT of storage space strategically placed in the UK, we deliver using our own dedicated fleet of vehicles and delivery partners. UK Greentech stocks thousands of quality renewables products from the world's leading manufacturers.



## SERVICE

All our staff throughout the UK have a wealth of knowledge and experience in the renewables industry, resulting in the best possible service for our trade and industry customers. Our robust stock levels help to provide a seamless experience for supplying your

## OUR LOCATIONS:



## GET IN TOUCH

Email: [enquiries@ukgreentech.co.uk](mailto:enquiries@ukgreentech.co.uk)

Phone: +44(0)333 207 6688



SCAN ME