

UTILITY SOLAR SUMMIT_{UK}

15-16 JUNE 2021

Looking at the drivers and
dynamics of utility scale
solar in the UK

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EVENT INTRODUCTION

The UK solar industry is just starting its next phase of growth, in the absence of government subsidies: the so-called 'post-subsidy' period. This comes at a time of great excitement and expectation on renewable energy globally, and in the UK in particular.

While homeowners installing solar panels on rooftops is something everyone is happy to see, the major contribution from solar energy comes from large-scale, ground-mounted solar farms. This is the only way to add GW-levels of new PV capacity quickly, and in a cost-effective manner.

During the days of FiTs and ROCs - between 2010 and 2018 - the UK solar industry showed how agile and efficient it can be, when adding solar farms quickly.

Fast-forward a few years since subsidies were removed by the UK government, and solar costs (for building sites) have come down significantly. Additionally, the power of solar modules is now double what it was a few years ago. Building solar farms now, and with larger declared capacity levels, is now a different proposition altogether, and the timing of the cost/efficiency benefits is coming at the perfect time.

For the past few years, developers in the UK have been working extensively to identify new locations for solar farm additions, and pushing multi-GW of capacity into the planning portals and - in some cases - directly at the government levels across England, Scotland and

Wales. In fact, the pipeline of future solar farms is rapidly approaching the 20 GW level, and there appears to be no slowdown in activity here.

During the past couple of years, the first large-scale (50-75 MW) solar farms have been constructed, with zero-subsidies. However, this is just the starting point, and the UK is getting ready for GW-plus of new solar farm additions annually over the next decade.

The new Utility Scale Summit UK event has been put together by the Solar Media Market Research team, to gather all key stakeholders involved in the UK, driving new ground-mounted solar additions to the GW per annum and beyond. The event is set to be a must-attend forum for anyone wanting to know how the UK will move to GW-plus ground-mount additions, and which companies will truly drive this transition.

The 2021 event will run over two days, 15-16 June 2021, as an online event, with eight sessions and 24 speakers. The agenda topics and scope are covered in greater detail on following pages in this brochure.



Finlay Colville
Head of Research, Solar Media Ltd

ONLINE EVENT | 15 JUNE 2021

- 0900-1030 **SESSION I: DEVELOPERS BEHIND THE 15GW-PLUS PIPELINE OF NEW UTILITY SOLAR FARMS IN THE UK TODAY**
- Companies & investors driving the new revolution in large-scale solar farm building in the UK out to 2030.
 - Which companies are pure-play developers, which are part of joint-venture activities, and which ones are likely to develop/build/own/operate in the long-term?
 - How many of the sites are stand-alone PV or co-located with battery storage or wind farms?
- 1100-1230 **SESSION II: MEGA-SOLAR (100-500 MW) SITES (NSIP & LOCAL GOVERNMENT) UNDER DEVELOPMENT: WHEN, WHERE & HOW?**
- What is driving the >49.9MWp-dc capacity site identification & development today?
 - How many major infrastructure solar projects are under development, and where are they located (England, or via Scottish or Welsh Government overview)?
 - What are the remaining challenges to construction starting on these large mega-solar sites, and what are the realistic timelines to grid-connection?
- 1400-1530 **SESSION III: LATEST ADVANCES IN PV MODULES, INVERTERS & TRACKERS: UNDERSTANDING CURRENT STATE-OF-THE-ART PERFORMANCE & RELIABILITY METRICS**
- Session will examine the technical advances in PV modules and inverters in the past few years, in particular in comparison to much of the UK's multi-GW of solar farm build-out under FiTs and ROCs.
 - Aside from power and efficiency increases, how are component costs trending in 2021 and beyond?
 - Review of tracker features and benefits when combined with bifacial modules.
- 1600-1730 **SESSION IV: LARGE-SCALE PLANT DESIGN FOR YIELD OPTIMIZATION: MAXIMIZING BIFACIAL MODULES & TRACKERS FOR UK SITES**
- Dedicated session on designing solar farms to maximize ROI, based on the latest technologies available.
 - Topics & speakers to inform planning community in particular, in addition to any new entrants to solar sector.

ONLINE EVENT | 16 JUNE 2021

- 0900-1030 **SESSION I: SITE PLANNING IN THE POST-SUBSIDY ERA: COMMERCIAL, PUBLIC-SECTOR & UTILITIES' INVESTMENTS INTO NEW SOLAR FARMS**
- Hear from planners and sub-contractors undertaking site design and construction plans, across commercial and public-sector sites.
 - Discover the opportunities from local councils for land assigned for solar construction in the next few years.
 - Understand the opportunities for landowners with megawatt-scale ground-mount arrays.
- 1100-1230 **SESSION II: JUSTIFYING 10-GW-PLUS NEW SOLAR FARMS IN THE UK TO 2030: GRID DEMAND, CORPORATE PPAS & CLIMATE-CHANGE TARGETS**
- This session will explain the long-term (2030) targets for government and utility bodies in the UK, and how solar PV is seen as a key part of this.
 - How much PV can the UK take over the next 5-10 years? Are there limits with grid availability?
 - In addition to energy needs and government targets, is the commercial sector the key driver for internal sustainability goals?
- 1400-1530 **SESSION III: ROLE OF EPCS AND O&MS WITHIN AN INVESTOR-DEVELOPED/PPA-DRIVEN NEW SOLAR-BUILD LANDSCAPE**
- What is the new role of EPCs and their sub-contractors, in post-subsidy sites, where long-term owners are potentially providing upfront construction finance?
 - Can EPCs now bring overseas site-build improvement knowledge learned in the past few years, to the new GW-scale UK growth phase?
 - Will the old O&M model change, now that long-term owners are engaged further upstream in the site development-to-build value-chain?
- 1600-1730 **SESSION IV: FORECASTING TO 2025: FACTORS & RISKS IMPACTING GW-PLUS ANNUAL ADDITIONS IN THE UK DURING THE NEXT FEW YEARS**
- Where are the risks to GW-scale this year, in 2021?
 - Are legacy insolvency concerns about component suppliers and EPCs still valid today?
 - What government or utility-based policy risks could impact the mid-term GW-scale roll out to 2025?

ATTENDING COMPANIES

The following list represents the companies whose logos are displayed in the grid:

- WESSEX SOLAR ENERGY
- HADSTONE ENERGY
- AXIOM DEVELOPMENTS
- SHELL
- ARCUS (An ERM Group Company)
- EDF renewables
- SSE
- ARMSTRONG
- bnrg
- BuddLegal
- CCL
- AURA POWER
- ne ENVIRONMENTAL
- SOLION
- CW community works
- Econergy EUROPE LTD
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- Gresham House Specialist asset management
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- ONE PLANET
- equinor
- CLEARSTONE ENERGY
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- enoviga Solar
- elmya
- west sussex county council
- RES
- TECHNOLOGIES
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- INTEGRITY ENERGY SERVICES LIMITED (Support for the Renewable Generation)
- RENEPOWER
- Advanced Power Services HV&GC Power Solutions
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- GRIPPLE
- Denchi Group
- equitix
- MERSEN
- PACE (PATHFINDER CLEAN ENERGY)
- Cubico SUSTAINABLE INVESTMENTS
- VENTO LUDENS
- BLACKROCK
- University of Strathclyde Glasgow
- TE connectivity
- ITM POWER (Energy Storage | Clean Fuel)
- INNOVA CAPITAL
- efacec (Empowering the future)
- NAMENE SOLAR
- Loxton Consultancy
- SHANNON ENERGY
- Scottish Water (Trusted to serve Scotland)
- ELECTRIC LAND (FOUNDATION PROPERTY & CAPITAL GROUP)
- SUNTECH
- novergy (for a brighter future)
- immersa
- Kingspan
- REALISTIC AGRI
- MEARS
- GridBeyond
- SOLAR FARM CLEANING
- CORRIE (Energy Partners)
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- ASTRONERGY
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- enzen
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- EY
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- everoze
- NHS
- ESB energy
- gridmove
- melin (together we can)
- DNV
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- FLEXIPOWER
- Imperial College Healthcare NHS Trust
- SECURE SITE UK
- Crown Commercial Service
- BELECTRIC
- simmons simmons
- CanadianSolar
- Department for Business, Energy & Industrial Strategy
- RIDGE CLEAN ENERGY

PARTNERING OPTIONS

	GOLD SPONSOR	SILVER SPONSOR
PACKAGE FEATURES		
Speaking slot	30 Minute Keynote Presentation	20 Minute Presentation
Replay of speaking session by Solar Media as a webinar (within 3 month period)	✓	X
Virtual booth, download centre and meeting hub	✓	✓
EVENT DATA / VIP OUTREACH		
Contact details for all event attendees	✓	X
Contact details for speaking session attendees	✓	✓
Post event introductions to key company partners	10	X
VIP guest invitations to event	30	10
BRANDING		
Featured logo in all event marketing campaigns	"GOLD SPONSOR" status	"SILVER SPONSOR" status

**Contact us for
more information**

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