

Public Sector Decarbonisation Scheme (PSDS) – Phase 3a Distribution Network Operator (DNO)



Your partner for
a low carbon future

Webinar 1: 27th May

Webinar 2: 14th July

Webinar 3: 20th September



| salixfinance.co.uk

Welcome - format

- The slides used in this webinar will be made available to attendees and other relevant Salix Finance clients via the Salix Finance website.
- These slides will be supported by a crib sheet document supporting details on the Salix website.
- Further re-runs of this webinar will be run on 14th July and 20th September.
- Questions – please note down questions in the chat and we will answer these at the end of the presentation as well as accepting 'hands-up'. Please also include whether your question is aimed at one of our guest speakers, or for Salix Finance so that we can direct it at the right person.
- As we have guest speakers today, we are planning to take questions for the guest speakers first, then move into the wider Q & A session.



Welcome - introductions

The Salix Finance team on the webinar today:

- **James Garth** – Programme Manager
- **Heather Jones** – Programme Manager
- **Chiara Lorenzetti** – Assistant Director
- **Hannah Walker** - Senior Communications and PR Manager



Welcome - introductions

Our guest speakers on the webinar today:

- **Mark Edwards** - Gateway & Technical Services Manager - Service Delivery - UK Power Networks
- **Neil Madgwick** - Head of Connections Service Delivery - UK Power Networks
- **Paul Kemp** – Energy Projects Manager – Greater South East Net Zero Hub
- **Peter Gudde** – Energy Projects Manager – Greater South East Net Zero Hub
- **John Taylor** – Energy Projects Manager – Greater South East Net Zero Hub



Purpose & Agenda

- Understand what the DNO is and why it is relevant to your PSDS project
- Support grant recipients to successfully deliver projects involving the DNO
- Knowledge sharing best practices, presentation from a DNO & Net Zero Hub
- Opportunity to ask questions directly to the key stakeholders



Introduction

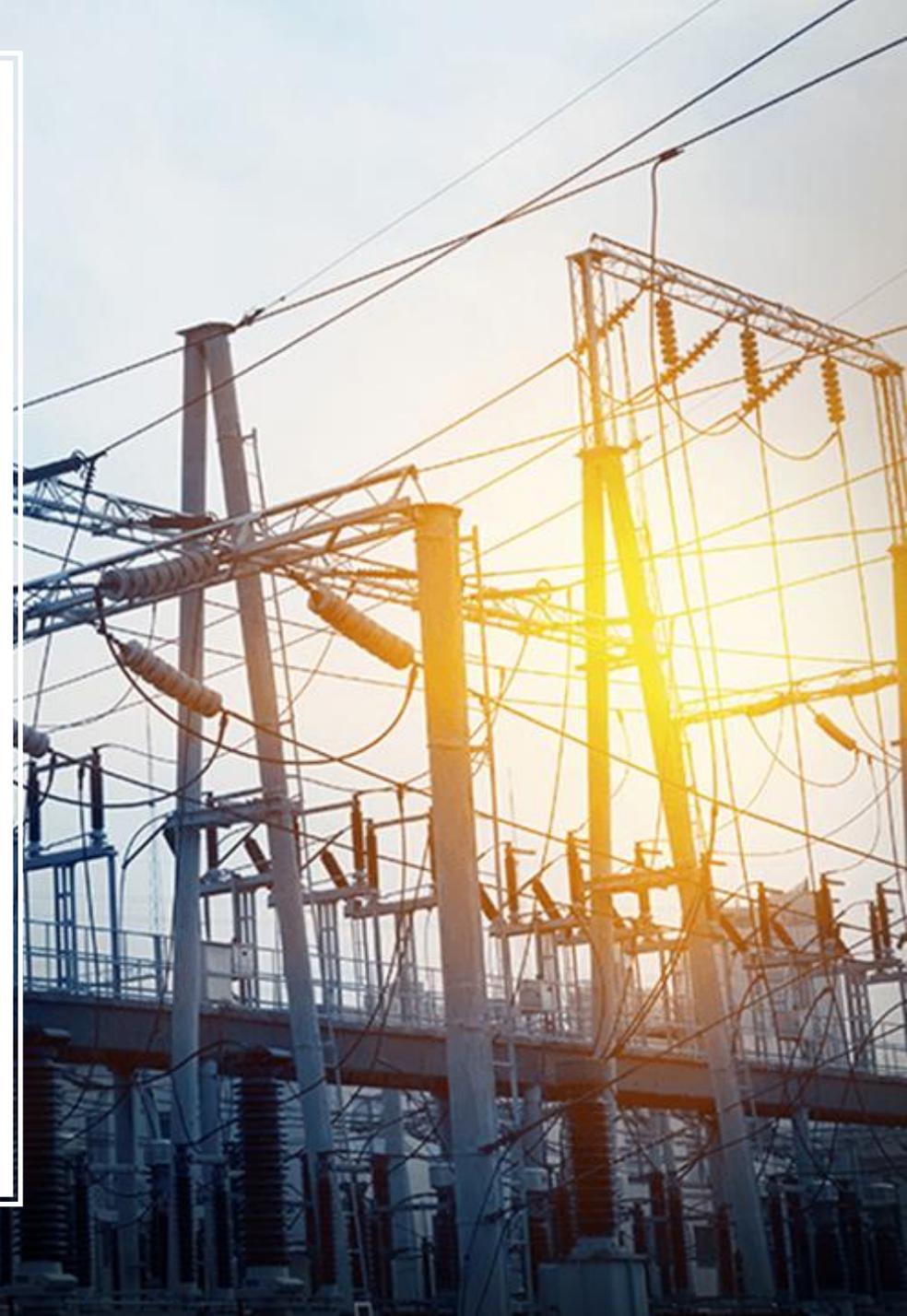


| salixfinance.co.uk

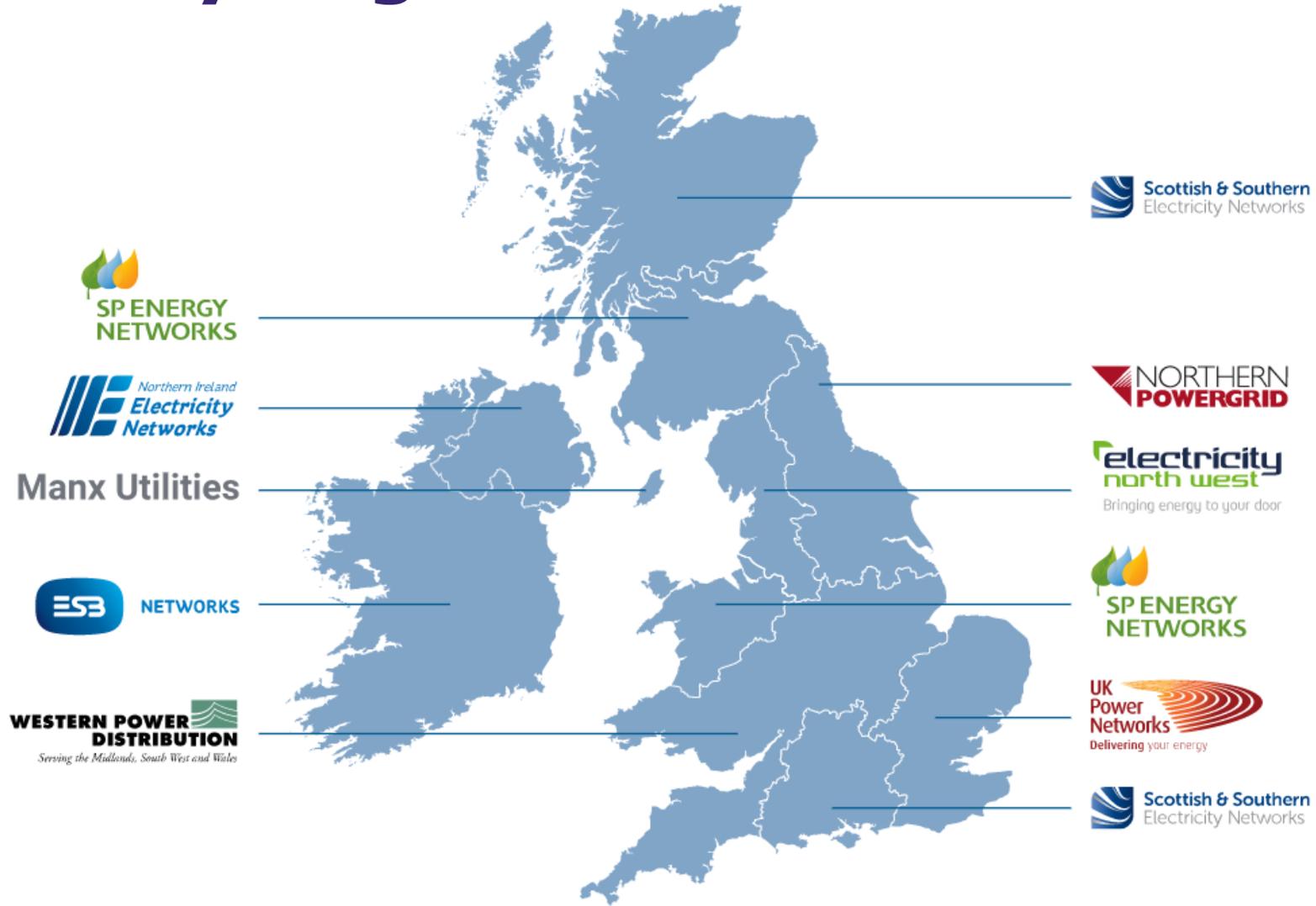


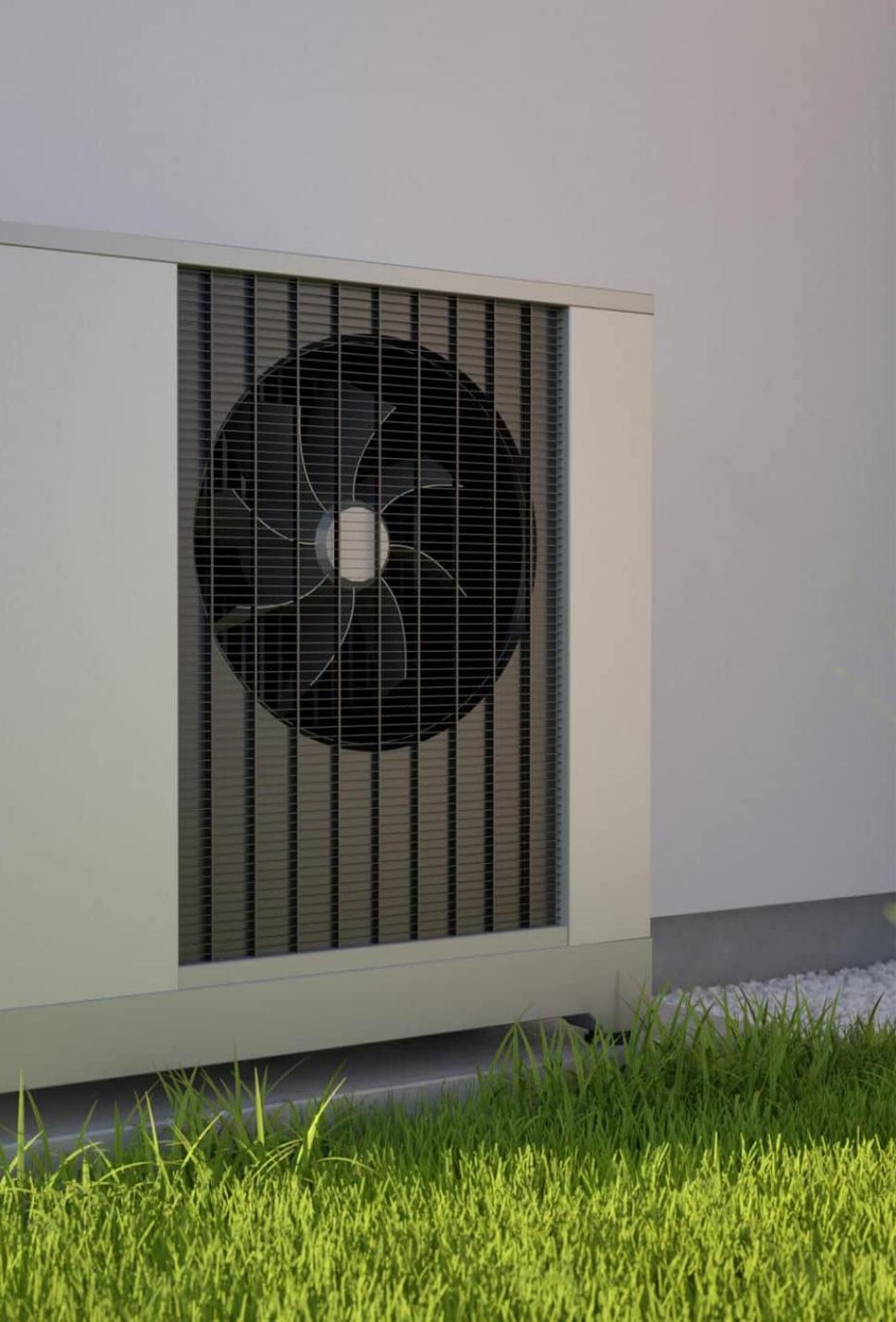
What is a Distribution Network Operator?

- Own and operate the network of towers, transformers, cables, and meters that carry electricity from the national transmission system and distribute it across Britain.
- Gatekeeper to the national transmission grid
- 11 Distribution Network Operators (DNO) across 14 regions of Great Britain.
- Who is my DNO?
<https://www.energynetworks.org/operating-the-networks/whos-my-network-operator>



Your DNO by Region

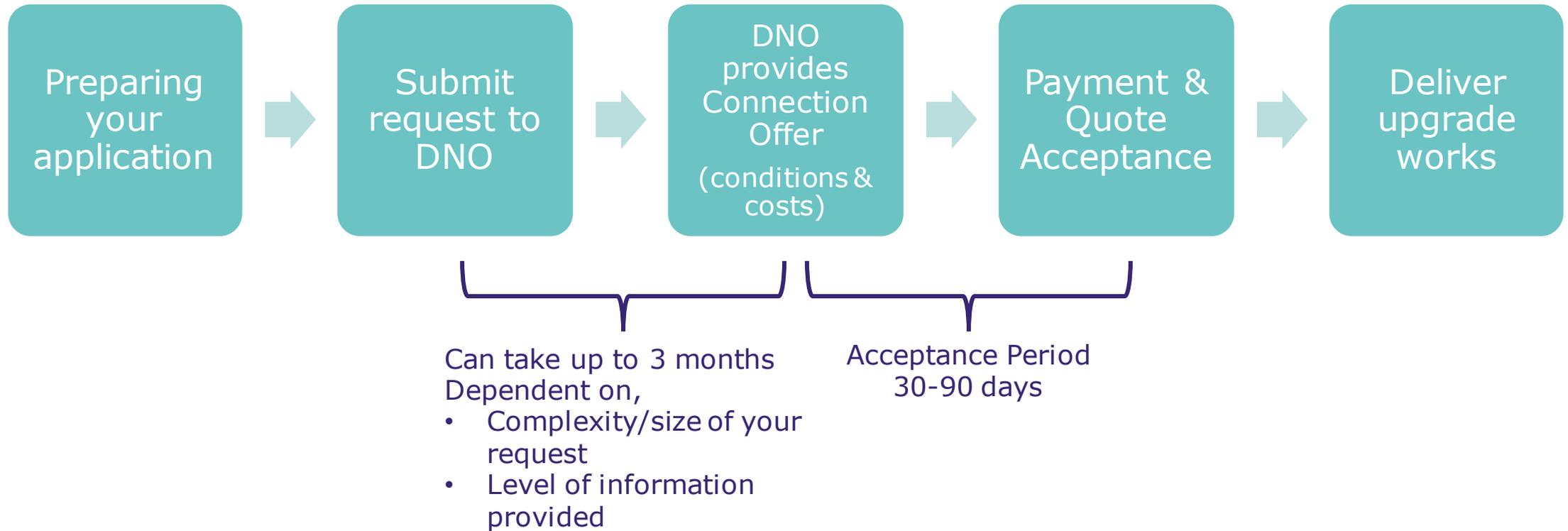




Why do I need to make an application to the DNO?

- If installing a piece of electrical equipment that will increase the electricity demand.
- To request an upgrade in your electricity supply
- Heat pumps viewed as equipment that can disturb the voltage quality of the network.
- DNO must ensure that the local grid can cope with demand of the new pump.

Process Summary



Preparing your application



| salixfinance.co.uk



Information required in the application



Your contact details



The MPAN number of the property



The full address of the site



The total current load at the property. This means the capacity already available at the address you are asking for



The total load you will need. This value represents the total capacity needed after the upgrade



A letter of authority if you do not own the land



A drawing or a plan showing the location of the property



Key Stakeholders

- DNO – ‘surgeries’
- Site manager – current load at the property
- Energy supplier – MPAN number
- Technical solution supplier – load of the new appliance
- External stakeholders
- Energy Networks Association (ENA) – approved & tested appliances database
- Net Zero Hubs



Know your Estate Portfolio

- Planning requirements
- Supply chain
- Current capacity across the estate
- Required upgrades across the estate
- **Discuss the above with your DNO**

Submitting the request



| salixfinance.co.uk



What is important to know

DETAILS: be accurate when writing contact details, make sure that the email address and phone number in your details are active and used regularly.

SITE ADDRESS: if your project is taking place at a single site, use the site address. If your project includes a series of locations, to avoid any confusion, make sure that you have a conversation with your DNO's customer service to address what is the best way to submit your request.

COMMENTS: please be very clear that your request is PSDS programme related including the date the connection is required by, so that the DNO team can give the right priority to your question.

TYPE OF QUOTATION: we recommend asking for a formal quotation; however, you will need to be very clear on how much capacity you need and where.



Submitting the request

- Each DNO has a page to submit your application on their website. You may need to register for this.
- From the menu of the DNO's website, look for the Electricity area and select "*Change an existing supply*" or, in case of a new building that never had an energy connection, please select "*Install something new*".
- Complete your request form and submit it to the address on the form.
- Once you have submitted the request for quotation, you will receive an acknowledgement email from the DNO and subsequently the details of your point of contact.
- Engage with the DNO customer service if you have any questions.
- Engage with the DNO project manager as early as possible.

Connection Offer



| salixfinance.co.uk



Point of Connection Offer

- Acceptance period of 30-90 days before expiry
- Details of works needed to increase your power
- Quotation of costs (Contestable & Non-Contestable works)
- Timeline
- List of client obligations
- **Non-Contestable works**
 - Elements of the connection work which **must be** completed by the DNO or their appointed agents (ICPs).
 - Include bringing the power to the substation.
- **Contestable works**
 - Elements of the connection work which can be undertaken by the DNO or IDNO.
 - The works to connect your property to the substation.

Payment & Quote Acceptance



| salixfinance.co.uk



Payment & Quote Acceptance

- Secure the available capacity
 - Paying amount quoted – Payment is in advance of works
 - Quote acceptance
- Maintain contact with the DNO and your DNO project manager

Project Delivery



| salixfinance.co.uk



Delivering the Project



Ensure you know what your obligations are from your DNO project manager



Schedule and carry out your obligations



Engage with other suppliers and delivery partners



Agree and begin process to agree permissions e.g. road closures or insurances



Engage with DNO/ICP/IDNO if required for contestable works



Ensure all involved parties are aware prior to 'energisation day'

Summary

- Engage and prepare with the DNO early
- Payment secures the quoted capacity
- Plan for project delivery



Q&A

Mark Edwards - Gateway & Technical Services Manager - Service Delivery - UKPN

Neil Madgwick - Head of Connections Service Delivery - UKPN

Paul Kemp - Energy Projects Manager - Greater South East Net Zero Hub

Peter Gudde - Energy Projects Manager - Greater South East Net Zero Hub

John Taylor - Energy Projects Manager - Greater South East Net Zero Hub



Thank you

Email: info@salixfinance.co.uk

Call: 020 4542 6439

Your Salix relationship manager is also on hand to support with any queries you may have on the completions process for your project.



| salixfinance.co.uk



Glossary

Term	Definition
Contestable	Works are the elements of the connection work which can be undertaken by an ICP or IDNO.
Non-Contestable	Works are the elements of the connection work which must be completed by the DNO or their appointed agents (ICPs). Non-contestable works typically include the elements of the connection which interface with the DNO's network.
MPAN - stands for Meter Point Administration Number	known as MPAN, Supply Number or S-Number, is a 21-digit reference used in Great Britain to uniquely identify electricity supply points such as individual domestic residences.
The total current load at the property	This means the capacity already available at the address you are asking for.
UPRN - Unique Property Reference Number	Unique Property Reference Number and was created by the Ordnance Survey (OS). It consists of numbers of up to 12 digits in length. Local governments in the UK have allocated a unique number for each land or property.
The total load you will need	This value represents the total capacity needed after the upgrade.
Looped service, Cut-out rating	When two properties share a single electricity service cable it's called a 'looped service'. In most cases, a single service supplies only one building.