Competition in Connections Code of Practice Reporting 2024-25 Appendices

(April 2024 – March 2025)

SP Manweb and SP Distribution

September 2025

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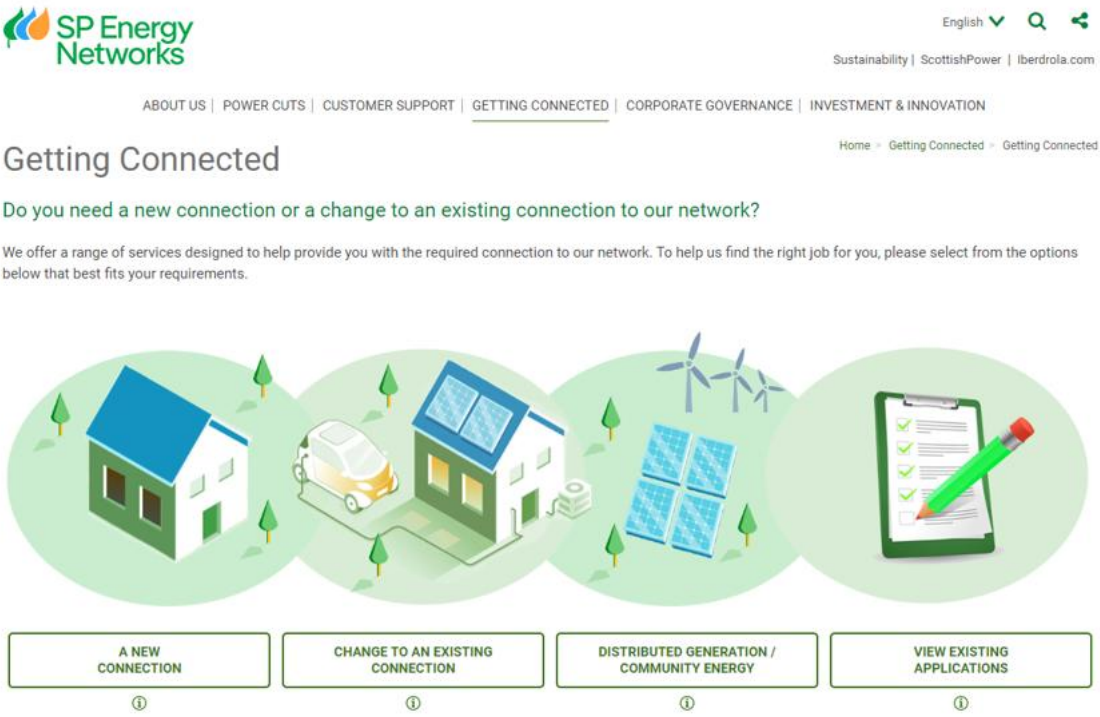
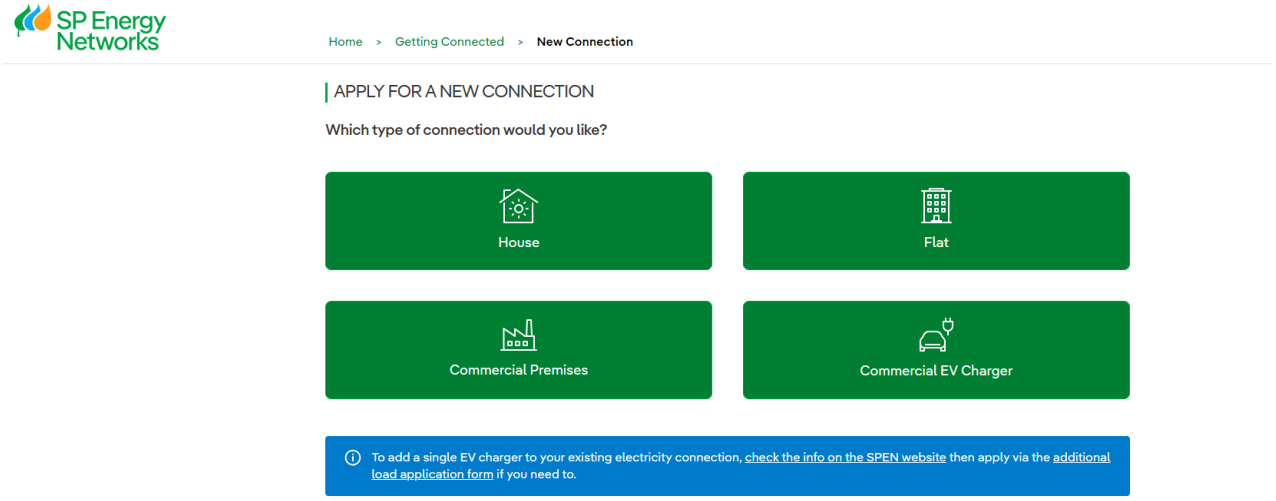
Appendix 1 – Website Pages

i) Getting Connected

https://www.spenergynetworks.co.uk/pages/which_type_of_connection.aspx

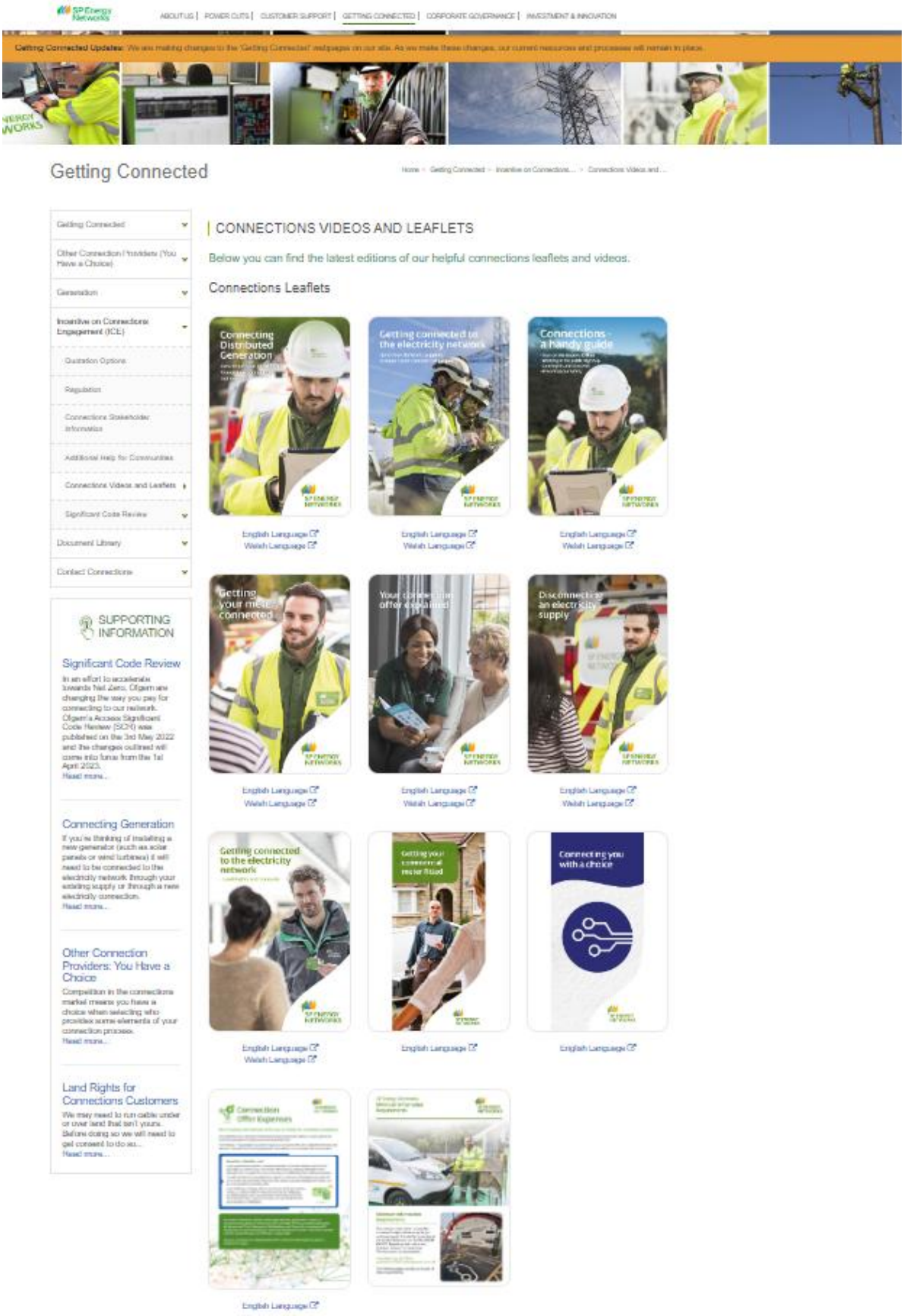


https://ccp.spenergynetworks.co.uk/new-connection/work-type

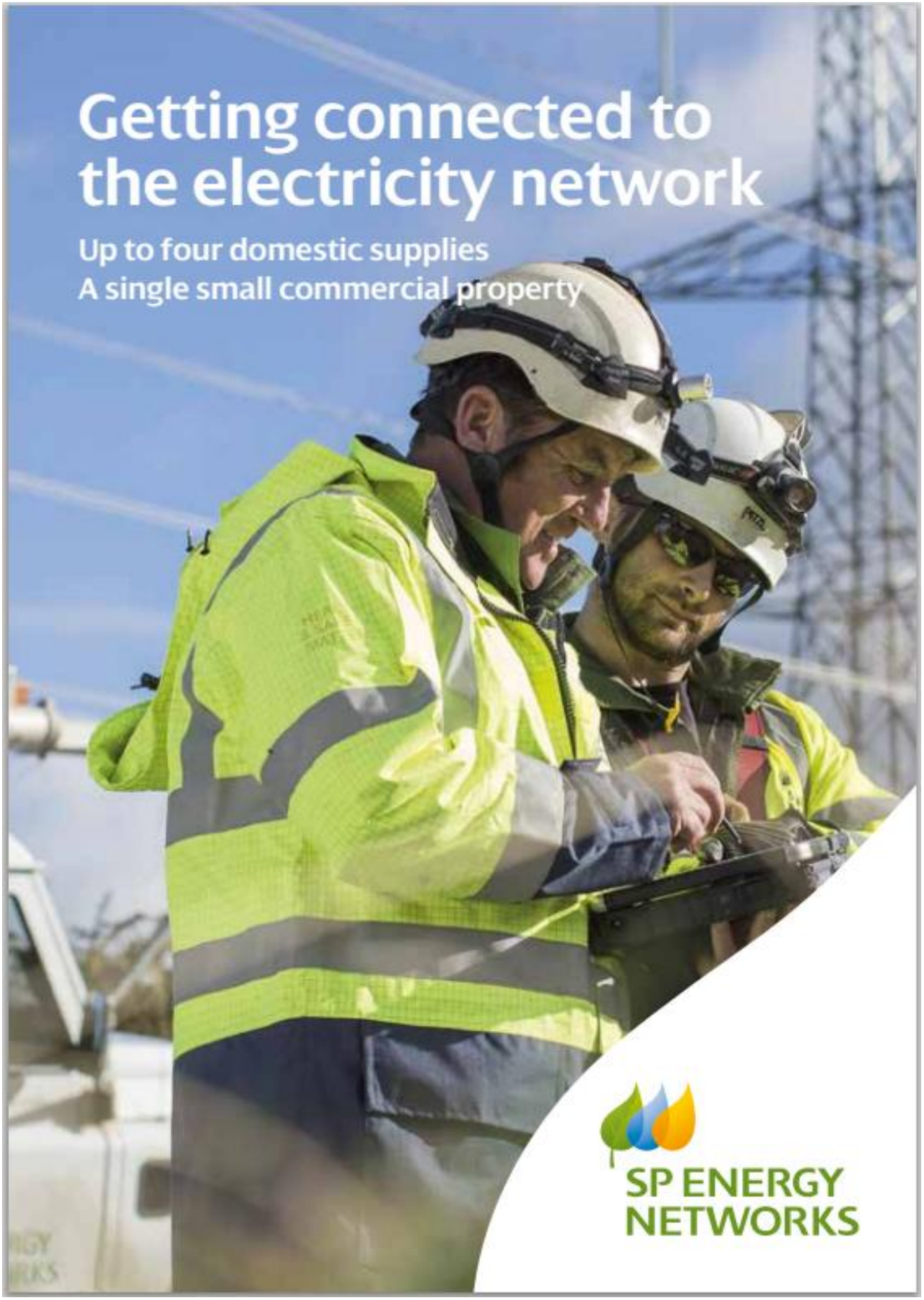


ii) Connections: Customer Process

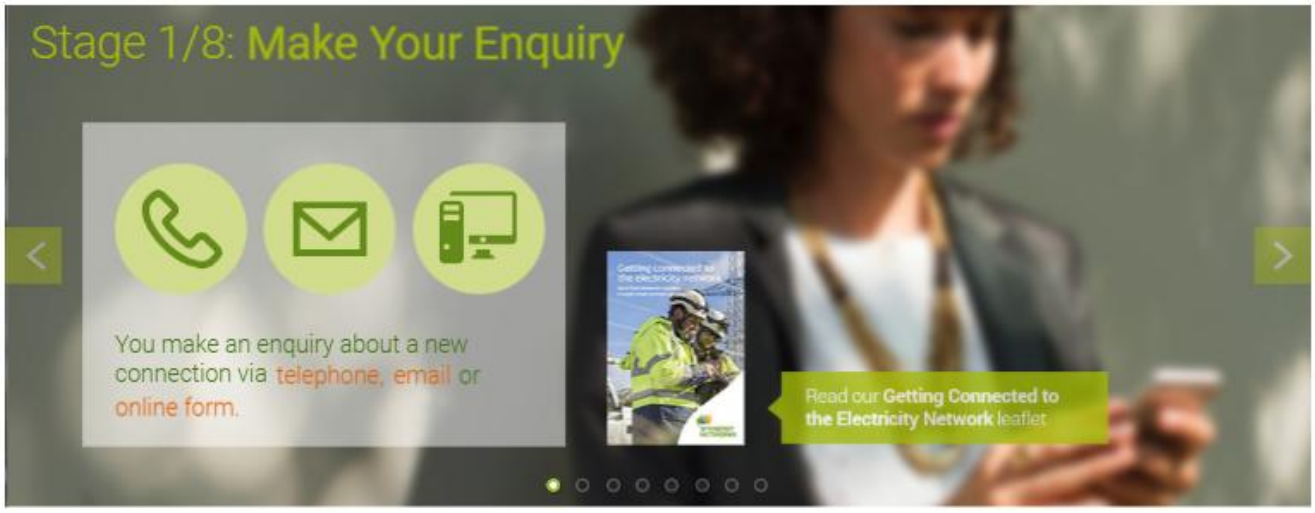
Select https://www.spenergynetworks.co.uk/pages/getting_connected.aspx and press the blue button "Connections Videos and Leaflets" which will take you to https://www.spenergynetworks.co.uk/pages/connections_videos_and_leaflets.aspx

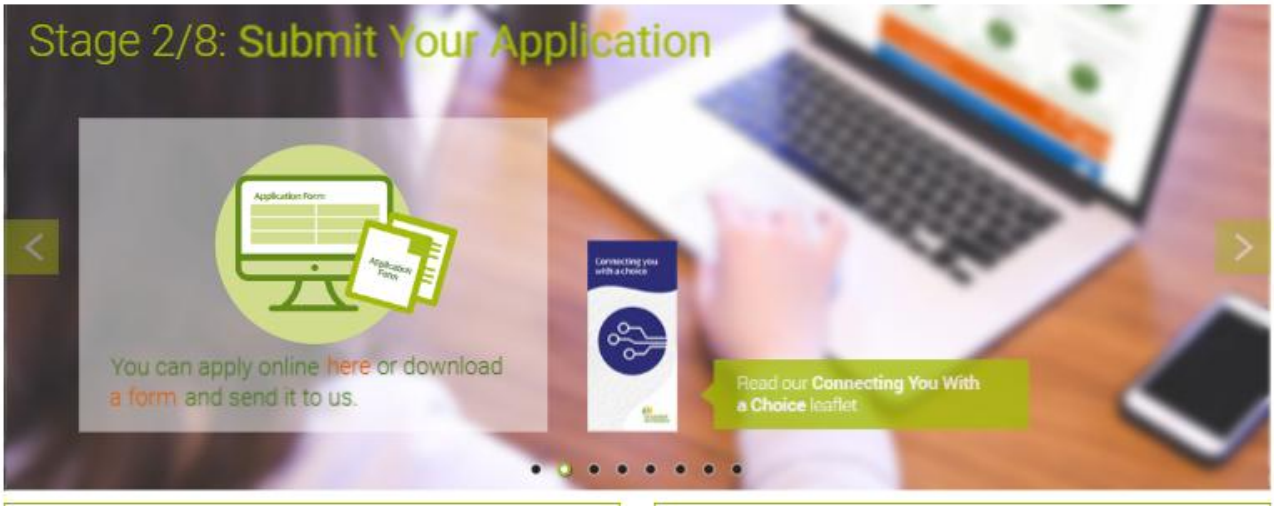


https://www.spenergynetworks.co.uk/userfiles/file/connections_getting_connected.pdf



https://www.spenergynetworks.co.uk/pages/customer_process_new_connection.aspx which will take you through an 8-step process, providing you with links to information and leaflets/documents; examples of the stages are shown below.





Not sure what **connection type** you require? We can **guide** you through the process.

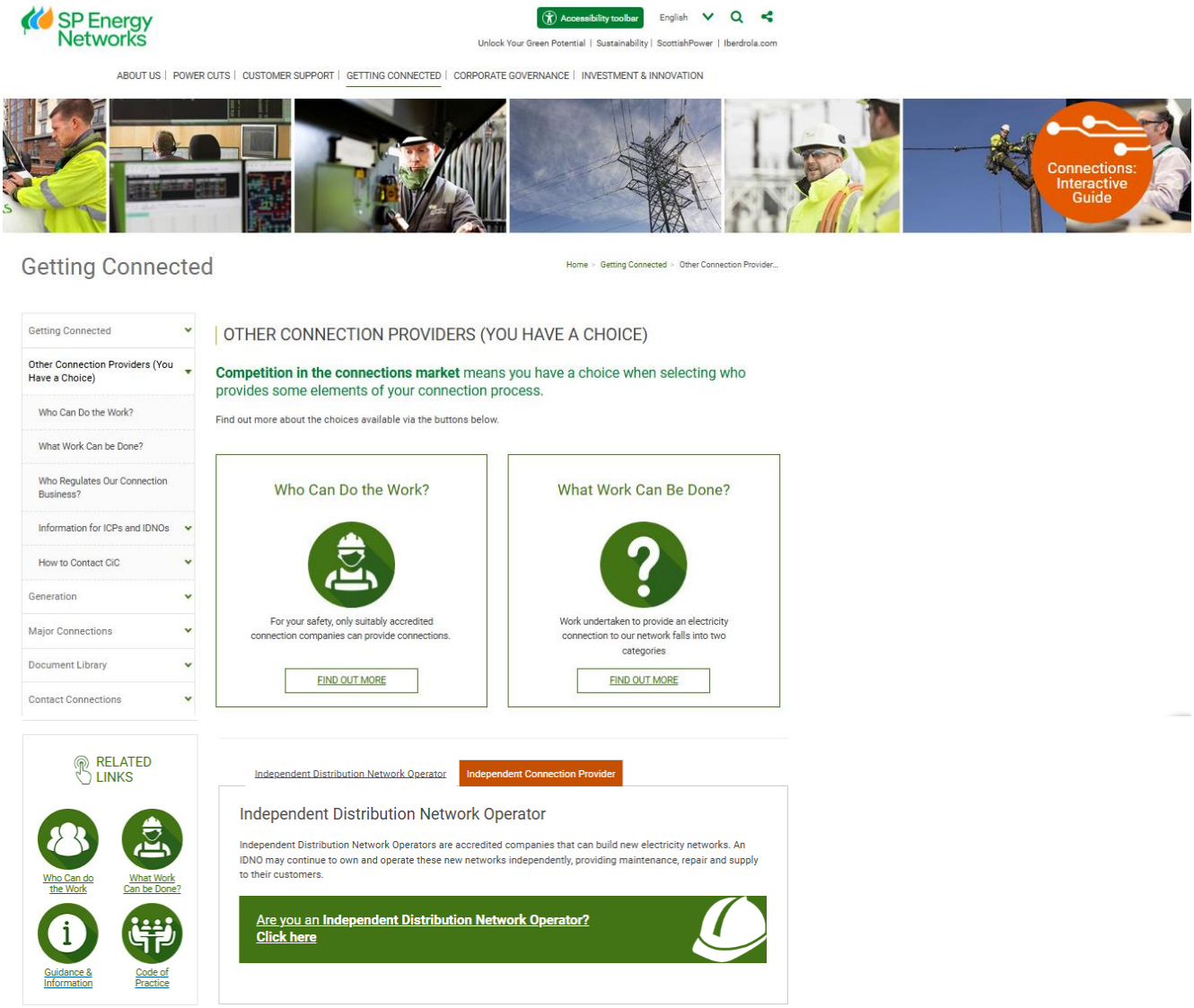
Find out more about **SP Energy Networks Connections** with our selection of information **e-leaflets** and **videos**.

Do you need to **move your electricity meter?** Find out how SP Energy Networks can help you.

We are here to **support** you. Click here to find out how to **contact us.**

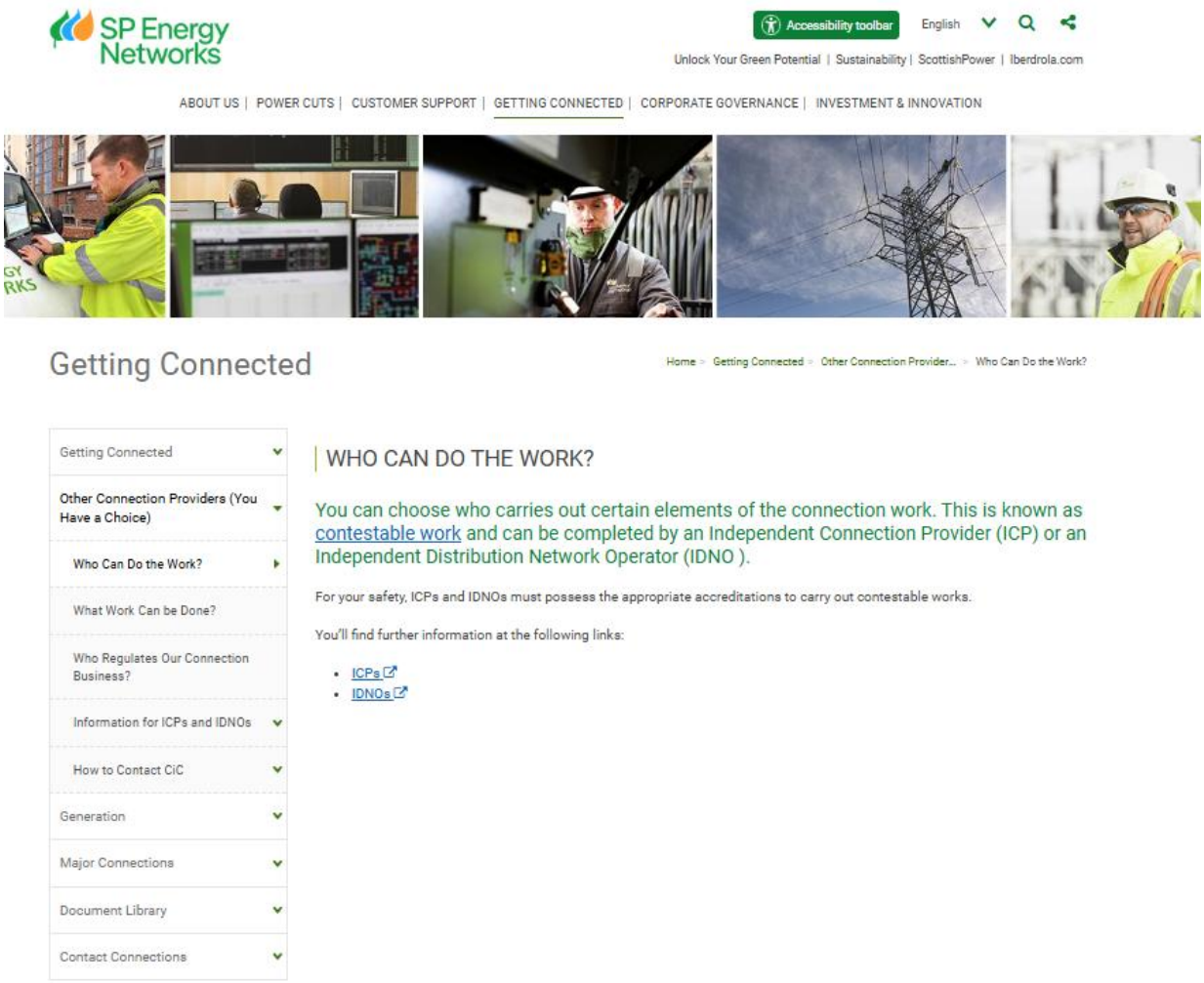
iii) Other Connection Providers (you have a choice)

https://www.spenergynetworks.co.uk/pages/competition_in_connections.aspx



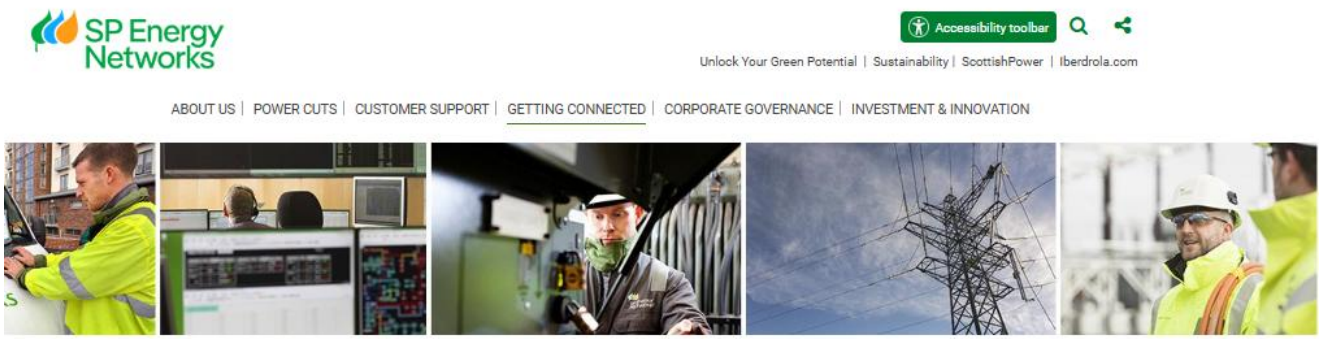
iv) Who can do the work?

https://www.spenergynetworks.co.uk/pages/who_can_do_the_work.aspx



v) Competition in Connections Code of Practice

https://www.spenergynetworks.co.uk/pages/competitions_in_connections_code_of_practice.aspx



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CODE OF PRACTICE

In June 2014 Ofgem opened their review of the market for new connections to the electricity distribution network. They subsequently published, in January 2015, their proposed solutions to the issues identified and the best way to implement them.

Distribution Networks Operators (DNOs) were tasked with developing a Code of Practice (CoP) in consultation with stakeholders and this was completed collectively with the Electricity Networks Association (ENA). The resultant Code of Practice was approved by Ofgem in July 2015, with an implementation date of October 2015.

The Competition in Connections Code of Practice can be found here.

The ENA have created an additional site specifically for the Code of Practice. For further details please go to www.connectionscode.org.uk

The Competition in Connections Code of Practice requires DNOs to publish an annual report to demonstrate their compliance with the code. Our Annual Report for the reporting period 2023-24 can be found here:

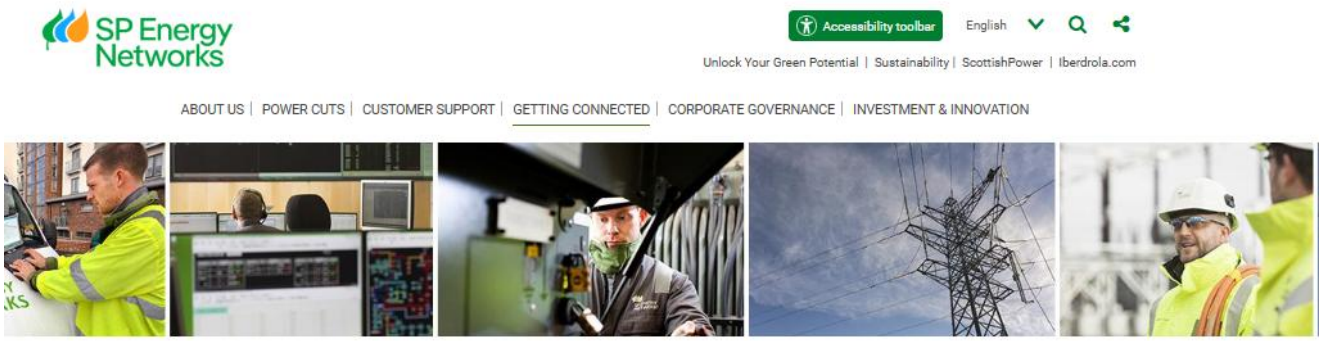
- Competition in Connections Code of Practice Report 2023-24
- Competition in Connections Code of Practice Reporting 2023-24 Appendices

Other pages in this section:

- Transformer Loadings
- Self Determination of Point of Connection
- Standard Design Matrix
- Self Design Approval
- Authorisation and Accreditation
- Workshop Presentations

vi) Self-Determination of Point of Connection

https://www.spenergynetworks.co.uk/pages/self_determination_of_point_of_connection.aspx



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SELF DETERMINATION OF POINT OF CONNECTION

Independent Connection Providers (ICPs) shall be able to self-determine the Point of Connection (POC) in the majority of circumstances, as outlined in the table below.

At this time, some market segments have been excluded due to the technical complexity and/or network constraints which result in a high incidence of interactive POCs having to be managed. We will work with ICPs to develop processes to open these market segments in the future.

Relevant Market Segment	Self-approval of designs available (Yes/No)	Comments
LV Demand	Yes*	Subject to restrictions
HV Demand	Yes*	Subject to restrictions
HV / EHV Demand	No	Currently due to technical nature, complexity of designs and significant impact on network.
EHV/132kV Demand	No	Currently due to technical nature, complexity of designs and significant impact on network.
DG LV	Yes*	Subject to restrictions
DG HV / EHV	No	Impacted by a high level of interactivity
UMS LA	Yes	
UMS Other	Yes	
UMS PFI	Yes	

*Subject to the following restrictions:

- Where the requirement for reinforcement is identified
- There exists interactivity with other quotations

Please see our process document ESDD-02-021 Guidance for Self-Determination of Point of Connection and Self-Design Approval for Independent Connection Providers.

The self-determined process in full can be seen on the high level process map.

There is a probationary period to be able to complete the self-determination which is detailed in the above document and in the table of qualifying criteria below

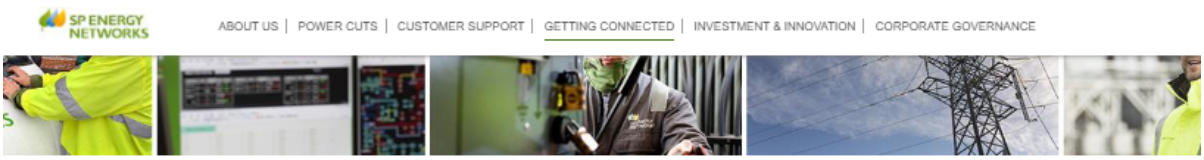
Self Determine POC Qualifying Criteria

Level	Criteria
1	Complete a briefing with SPEN and enter into a probationary period for each RMS category - complete 5 projects in parallel (normal costs apply) and if no issues move to level 2
2	ICP fully able to self-determine POC

Please see our Standard Design Matrix which supports the guidance provided within ESDD-02-021.

vii) Standard Design Matrix

https://www.spenergynetworks.co.uk/pages/standard_design_matrix.aspx



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STANDARD DESIGN MATRIX

Standard Design Matrix

Some Point of Connection designs can be determined using a Standard Design Matrix, shown below. This Matrix is also detailed within the process document ESDD-02-021, along with some guidance, and can be found here.

CRITERIA	MEASUREMENT	COMMENT
Connection capacity	<=500W (unmetered suppliers)	Need to consider the existing network can provide a suitable earth for the new connection 4mm Service cable should only be used where service cut-out is within 5mtrs of the LV mains cable with the exception of road crossing where up to 15m can be considered. Alternatively <=25m (35mm) Cable to be considered.
Distance to substation	<=500m	
Service cable length	<=5m (4mm) or <=25m (25mm)	
Transformer capacity	N/A	
Mains extensions	Cable of metric size <185mm^2	
Asset types excluded	• Cable of imperial size less than 0.1 square inch copper. • Cable of metric size <95mm² • Concentric cables look for cables marked as 2 core with imperial sizes, TCLC (SPM TRCC), (triple concentric lead covered), marked as ex dc (direct current) cables. • Three core LV cables - 2 phase and neutral. • Cables indicated as operating (Bunched) - check the various layers available on UMV for PILC LV cables marked as 3 Some cables we are unable to join live. • Belgium cables and Consac. • Interconnectors with no existing connected customers.	

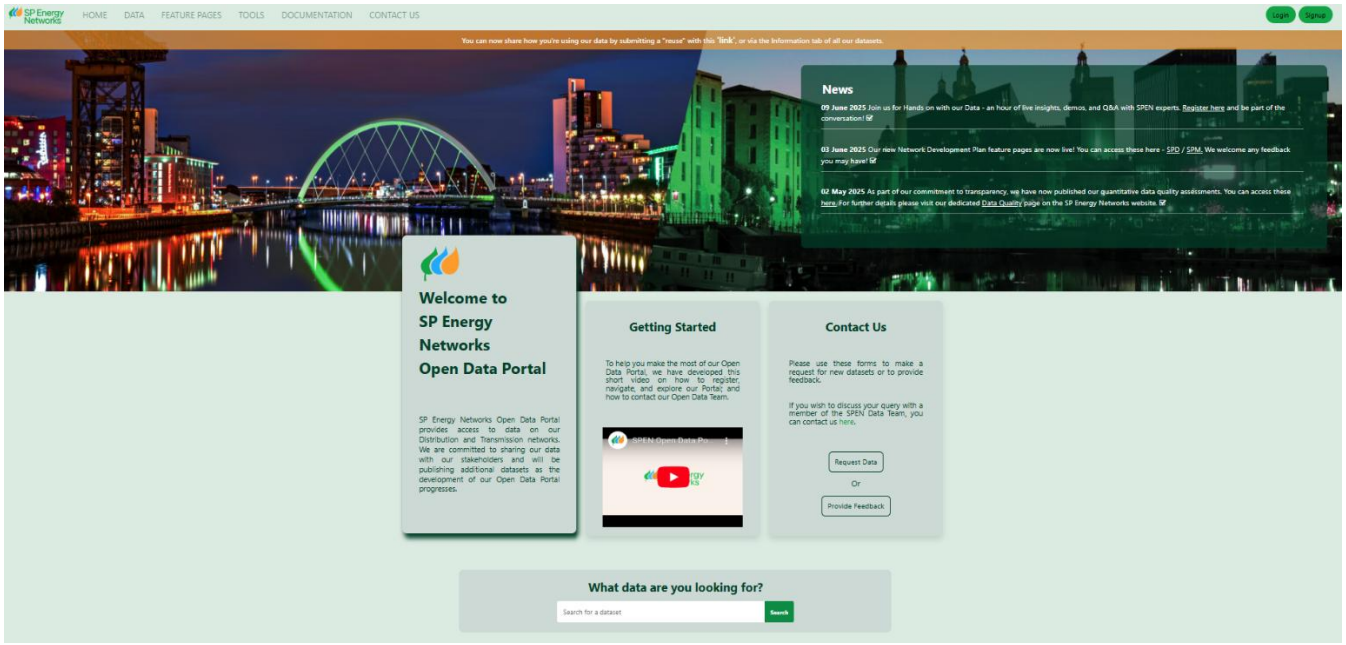
CRITERIA	MEASUREMENT	COMMENT
Connection capacity	<=6kW (non domestic only)	Need to consider the existing network can provide a suitable earth for the new connection. A Full Network modelling analysis is required if: • The Distance from the Substation exceeds 250mtrs • Embedded generation enquiries above 16 Amps per phase (Generation subject to the requirements of ENA G98/multiple connections or ENA G99 (previously ENA G83/multiple connections or ENA G59).
Distance to substation	<=250m	
Service cable length	<=25m	
Transformer capacity	N/A	
Mains extensions	Cable of metric size <185mm^2	
Asset types excluded	• Cable of imperial size less than 0.1 square inch copper. • Cable of metric size <95mm² • Concentric cables look for cables marked as 2 core with imperial sizes, TCLC (SPM TRCC), (triple concentric lead covered), marked as ex dc (direct current) cables. • Three core LV cables - 2 phase and neutral. • Cables indicated as operating (Bunched) - check the various layers available on UMV for PILC LV cables marked as 3 Some cables we are unable to join live: • Belgium cables and Consac. • Interconnectors with no existing connected customers.	

CRITERIA	MEASUREMENT	COMMENT
Connection capacity	Up to 4 Domestic (<=2kW ADMD each)	Require a system check for all pole mounted transformers. Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections. Consideration to be undertaken to check that the volume of new connections does not exceed 75 customers on the feeder. Where this is the case alternative feed required as per ESDD-02-012. Need to consider the existing network can provide a suitable earth for the new connection. A Full Network modelling analysis is required if: • The Distance from the Substation exceeds 250m; • If the proposed new load includes starting currents in excess of 15A; • Embedded generation enquiries above 16 Amps per phase (Generation subject to the requirements of ENA G98/multiple connections or ENA G99 (previously ENA G83/multiple connections or ENA G59);
Distance to substation	<=250m	
Service cable length	<=25m	
Transformer capacity	N/A for ground mounted substation. System checks required for PTE (Pole Mounted Transformers)	
Mains extensions	Cable of metric size <185mm^2	
Asset types excluded	• Cable of imperial size less than 0.1 square inch copper. • Cable of metric size <95mm² • Concentric cables look for cables marked as 2 core with imperial sizes, TCLC (SPM TRCC), (triple concentric lead covered), marked as ex dc (direct current) cables. • Three core LV cables - 2 phase and neutral. • Cables indicated as operating (Bunched) - check the various layers available on UMV for PILC LV cables marked as 3 Some cables we are unable to join live: • Belgium cables and Consac. • Interconnectors with no existing connected customers.	

CRITERIA	MEASUREMENT	COMMENT
Connection capacity	Single Connection <=69kW	Need a system check for all transformer types. Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections. Consideration to be undertaken to check that the volume of new connections does not exceed 75 customers on the feeder. Where this is the case alternative feed required as per ESDD-02-012 Need to consider the existing network can provide a suitable earth for the new connection. A Full Network modelling analysis is required if: • the maximum length of any Service Cable Exceeds 10m. Note no services to exceed 25m; • there are 50 or more customers already on the LV feeder; • the assessed loading is 50% or greater than the existing capacity of the circuit; • the proposed new load includes starting currents in excess of 15 Amps; • Embedded generation enquiries above 16 Amps per phase (Generation subject to the requirements of ENA G98/multiple connections or ENA G99 (previously ENA G83/multiple connections or ENA G59);
Distance to substation	<=200m	
Service cable length	<=10mtrs (No Study required), >10 <=25m (Study required)	
Transformer capacity	System checks required for PTE (Pole Mounted Transformers) and ground mounted substations	
Mains extensions	Cable of metric size <185mm^2	
Asset types excluded	• Cable of imperial size less than 0.1 square inch copper. • Cable of metric size <95mm² • Concentric cables look for cables marked as 2 core with imperial sizes, TCLC (SPM TRCC), (triple concentric lead covered), marked as ex dc (direct current) cables. • Three core LV cables - 2 phase and neutral. • Cables indicated as operating (Bunched) - check the various layers available on UMV for PILC LV cables marked as 3 Some cables we are unable to join live: • Belgium cables and Consac. • Interconnectors with no existing connected customers.	

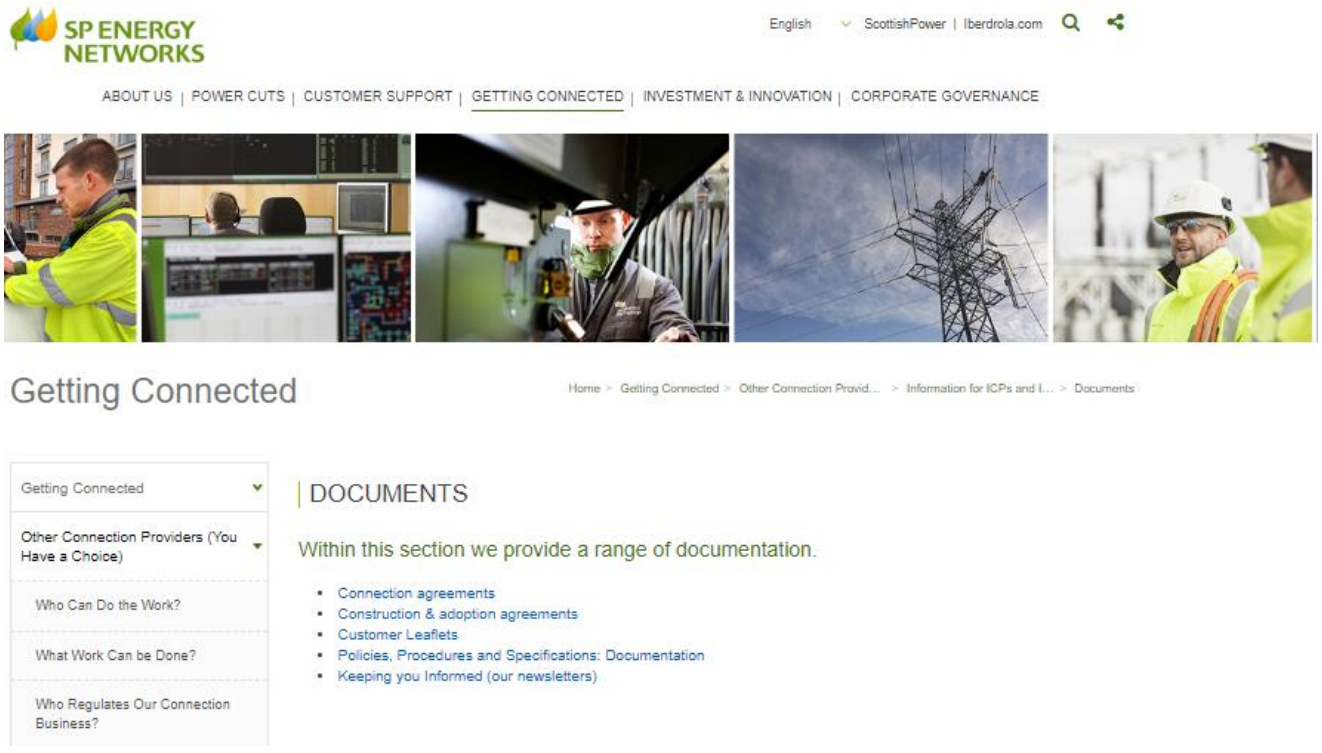
viii) Open Data Portal

https://spenergynetworks.opendatasoft.com/pages/home/

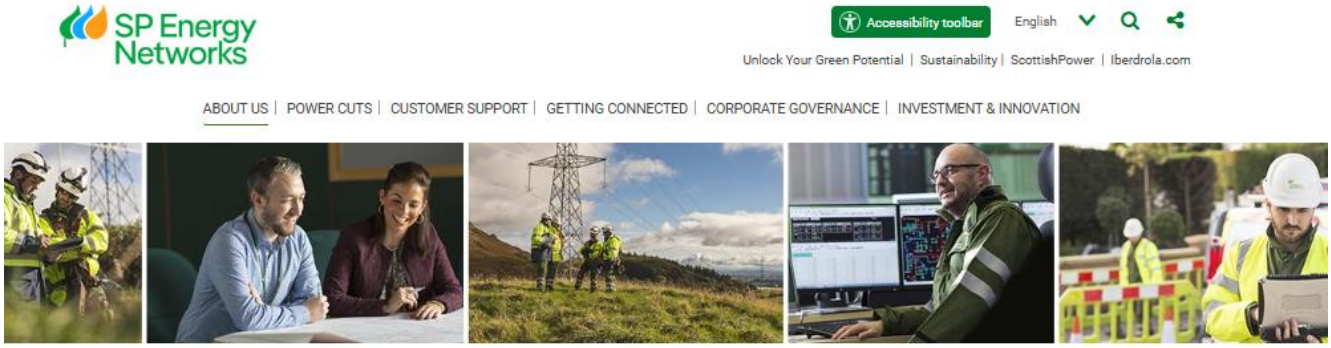


ix) Documents

https://www.spenergynetworks.co.uk/pages/competition_in_connections_documents.aspx



https://www.spenergynetworks.co.uk/pages/documents.aspx



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@

POLICIES PROCEDURES & SPECIFICATIONS Should you be

Online Request Form

unable to locate the required document from the responsible SPEN Project Manager, Contract Manager or point of contact in Purchasing, or if the document you are looking for is not listed on this page, please complete the form.

POLICIES, PROCEDURES AND SPECIFICATIONS: DOCUMENTATION

In this area of our website you will find our most regularly requested and downloaded policies, procedures and specifications. Please click on the x to list the documents. If the document you are looking for is not listed, please complete the Online Request Form

For specifications and standards related to the design of Projects / Tenders, please liaise in the first instance with the responsible SPEN Project Manager, Contract Manager or point of contact in Purchasing who will be able to provide the required documents.

We continually update this page by adding, replacing or removing documents. Please check back regularly to ensure you are using the most current version.

⚠ IMPORTANT: When you open the document, please press Ctrl F5 to refresh in case your device holds a cached version.

- Approved Equipment +
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- Underground Cables +
- Connection Process +
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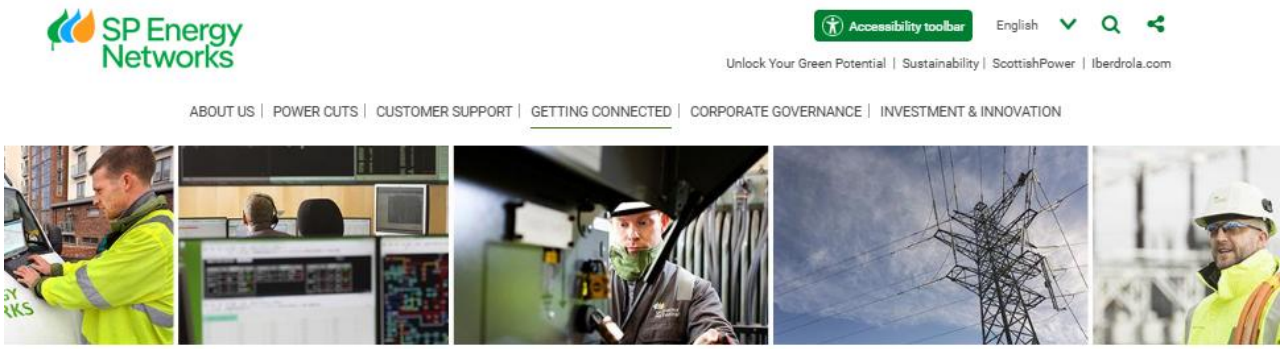
x) Self-Design Approval

https://www.spenergynetworks.co.uk/pages/self_design_approval.aspx



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SELF DESIGN APPROVAL

Independent Connection Providers (ICPs) shall be able to complete self-design approval in the majority of circumstances, as outlined in the table below.

At this time, some market segments have been excluded due to the technical complexity and/or network constraints. We will work with ICPs to develop processes to open these market segments in the future.

Relevant Market Segment	Self-approval of designs available (Yes/No)	Comments
LV demand	Yes*	Subject to restrictions
HV demand	Yes*	Subject to restrictions
HV/EHV demand	No	Currently due to technical nature, complexity of designs and significant impact on network.
EHV/132kV demand	No	Currently due to technical nature, complexity of designs and significant impact on network.
DG LV	Yes*	Subject to restrictions
DG HV/EHV	No	Currently due to technical nature, complexity of designs and significant impact on network.
UMS LA	Yes	
UMS Other	Yes	
UMS PFI	Yes	

*** Subject to the following restrictions:**

- Where Contestable design requires incorporation of a constraint and monitoring scheme
- Diversion of Existing Assets (affecting existing Substation assets)

Please see our process document ESDD-02-021 Guidance for Self-Determination of Point of Connection and Self-Design Approval for Independent Connection Providers. There is a probationary period to be able to complete the self-design approval which is detailed in the above document and in the table of qualifying criteria below.

The self-determined process in full can be seen on the high level process map.

Self-Design Approval Qualifying Criteria

Level	Criteria
1	Complete a briefing with SPEN and enter into a probationary period for each RMS category - complete 5 projects in parallel (normal costs apply) and if no issues move to level 2
2	ICP fully able to self-approve contestable designs

xi) Requesting a Meter Point Administration Number

https://www.spenergynetworks.co.uk/pages/mpan_request.aspx

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REQUESTING A METER POINT ADMINISTRATION NUMBER

The process for the provision and registering of MPANs for premises that will connect to Connection Works that the DNO will adopt is detailed in the process map below:

Before proceeding to the MPAN request form please ensure that you read the guidance document on the link below.

- Please click here to open the MPAN request form guidance

See Email Information +

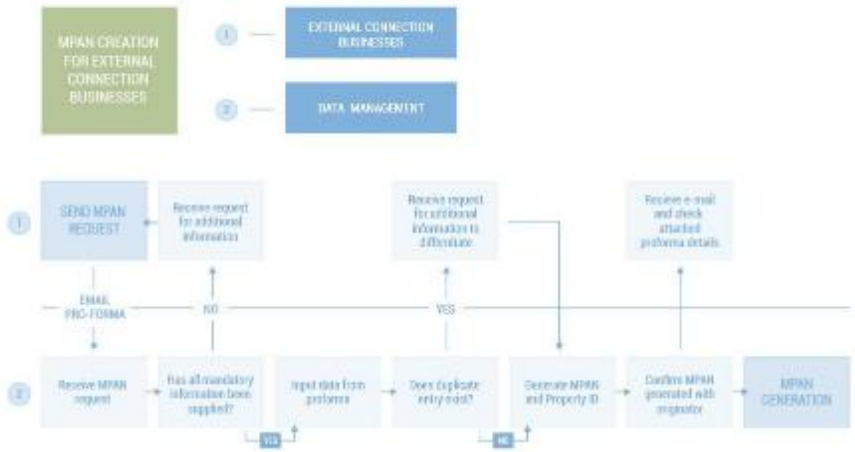
The MPAN request document below provides you with the request form, guidance information, plus examples of completed application forms.

- Please click here to open the MPAN request form

Notification of all MPANs generated will be issued to the requestor once completed.

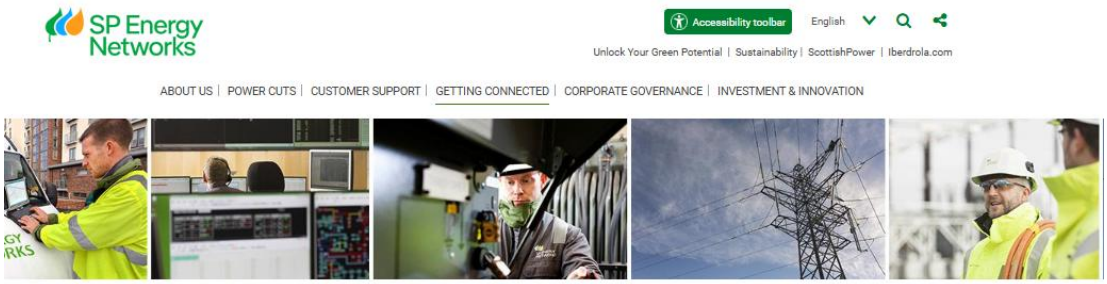
Please be advised that there is a phased approach for issue, e.g. if a builder requests one hundred MPANs for a new housing site these would be provided in phases, i.e. 20 MPANs to begin and once those houses are built a further 20, etc.

MPAN PROCESS MAP



xii) Authorisation and Accreditation

https://www.spenergynetworks.co.uk/pages/authorisation_and_accreditation.aspx



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AUTHORISATION AND ACCREDITATION

Accreditations

- Accreditation means accreditation awarded to an ICP under the National Electricity Registration Scheme (NERS).
- ICPs accredited under NERS to undertake specific contestable activities shall be deemed to be competent to undertake such activity normally.
- In all cases where NERS accreditation is not available SPEN will work with the scheme administrator to implement a scope change to cover the relevant activity consistent with the Relevant Objectives which are detailed within Section 2.3 of the Code of Practice which can be found here.

Authorisations

SPEN accept that ICPs administer and control their own Safety Management systems (SMS) and to enable more flexibility and control within the ICP, SPEN allows all ICPs to work under their own safety rules. The details of which can be found within document CON-04-002 Process for LV and HV connections activities under SPEN and ICP's DSRs, which is available on our website here.

Under the changes that have been implemented for the Code of Practice SP Energy Networks (SPEN) is committing to the 3 options that are available and would ask any ICP that is interested to contact us directly and we will work together to enable their access to their preferred option.

Please see our guide to gaining Authorisation to SPEN here.

The 3 options are detailed below:

Option 1 - ICP authorisation of ICP Employees and Contractors

- ICPs shall operate under their own SMS, including the ICP's Safety Rules, which shall be of an equivalent relevant standard to SPEN's (in all cases the SMS should align to OHSAS18001 or equivalent).
- ICPs are responsible for determining the relevant competence requirements for the work to be undertaken and for the issue of an appropriate authorisation to their employees or contractors. The relevant competence requirements shall include any network specific issues identified by the ICP following consultation and communication with SPEN.
- ICPs shall provide, if requested, details of their SMS to SPEN before first accessing SPEN's Distribution System.
- ICPs shall thereafter provide, when required, reasonable information regarding their ongoing SMS to SPEN.
- SPEN will be entitled to carry out reasonable checks on the application of the relevant SMS to demonstrate so far as reasonably practicable to the Health and Safety Executive (or other interested parties) that safety assurance is in place for any ICP working on its Distribution System.
- Either party shall make available to the other relevant policies, operational processes, local information and procedures as required to facilitate safe working on SPEN's Distribution System. This may be in writing or by personal briefing as may be appropriate, but in all cases the information exchanged shall be recorded and such records must be held for future reference by each party.

Option 2 - DNO authorisation of ICP Employees

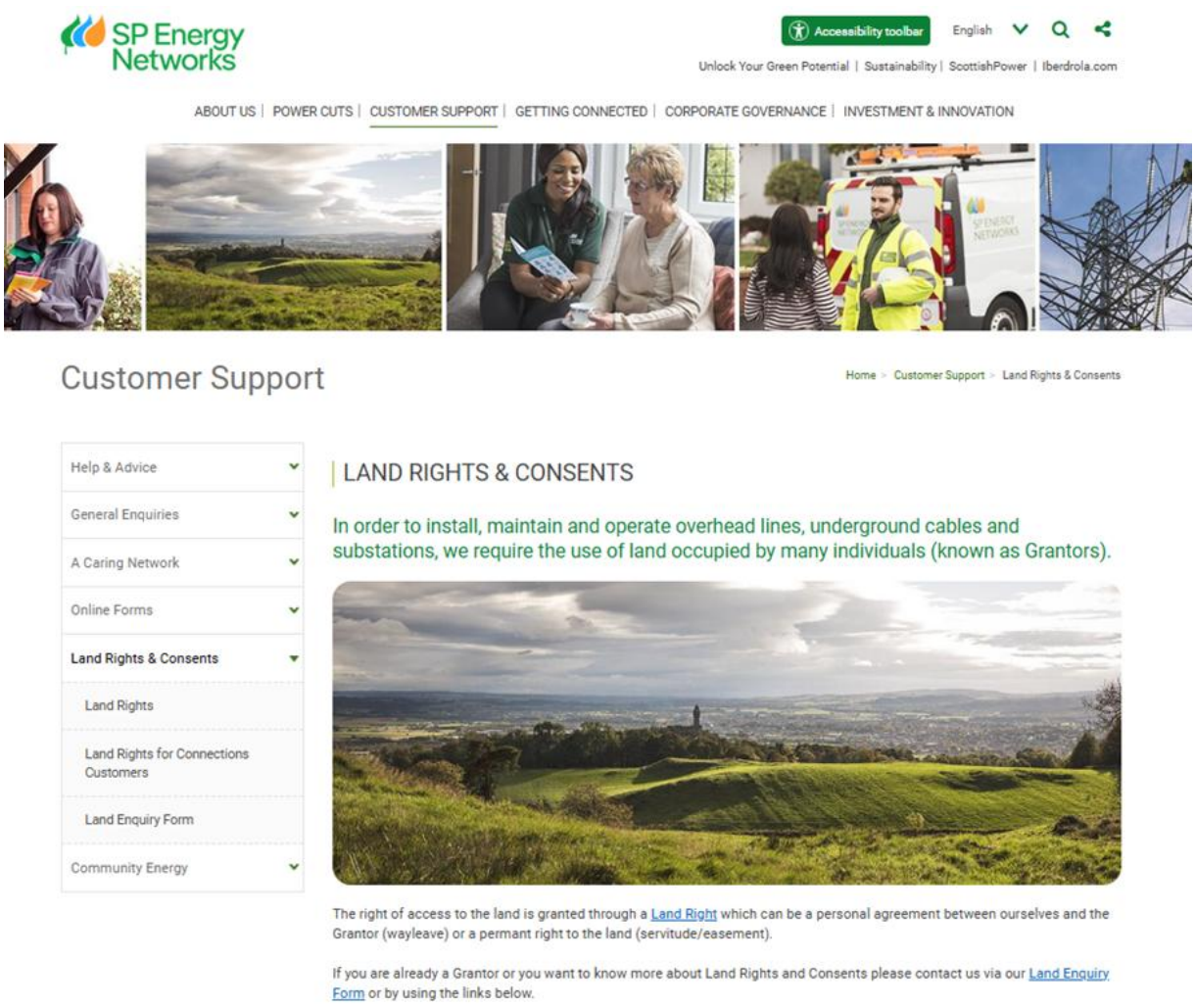
- ICPs shall operate under SPEN's SMS, including SPEN's version of the Model Distribution Safety Rules.
- SPEN will determine the relevant competence requirements and issue authorisations to the ICP's employees or contractors.
- SPEN will be entitled to undertake appropriate checks to demonstrate, so far as is reasonably practicable, that the ICP's employee or contractor has an appreciation of network hazards and local procedures.
- SPEN shall take account of authorisations issued by other DNOs in order to minimise circumstances where repeat authorisation assessments are required for work on different DNOs' Distribution Systems.
- The charges to get authorised must be cost-reflective and opportunities to be authorised must be available on a sufficiently frequent basis.
- Each party shall make available to the other the relevant policies, operational processes, local information and procedures as required to facilitate safe working on SPEN's Distribution System. This may be in writing or by personal briefing as may be appropriate, but in all cases the information exchanged shall be recorded and such records must be held for future reference by each party.

Option 3 - Transfer of Control

- SPEN shall transfer control of a specified part of its Distribution System for the purposes of the ICP's activity.
- The ICP shall have full control of the specified part of SPEN's Distribution System and shall carry out the work in accordance with its own SMS, including its Safety Rules.
- Each party shall make available to the other the relevant policies, operational processes, local information and procedures as required to facilitate safe working on SPEN's Distribution System. This may be in writing or by personal briefing as may be appropriate, but in all cases the information exchanged shall be recorded and such records must be held for future reference by each party.

xiii) Land Rights & Consents

https://www.spenergynetworks.co.uk/pages/land_rights_consents.aspx



Land Rights

Find out how right of access to the land is granted

FIND OUT MORE

Land Rights for Connections Customers

To get you connected to our network, we often need to secure appropriate land rights

FIND OUT MORE

Land Rights Information Leaflet for Transmission Projects

Our approach to the acquisition of Land Rights in relation to Transmission projects

VIEW PDF

Land Enquiry Form

Our quick and easy-to-use online enquiry form

FIND OUT MORE

Works on Your Land

Our agreement with you is underpinned by our commitment to working with you with courtesy and consideration.

VIEW PDF / WELSH VERSION

Land Code of Conduct

Our agreement with you is underpinned by our commitment to working with you with courtesy and consideration.

VIEW PDF / WELSH VERSION

Fee Scale

Our rate of payment to you for apparatus on your land (ENA)

VIEW PDF

https://www.spenergynetworks.co.uk/pages/land_rights_for_connections_customers.aspx

SP ENERGY NETWORKS

English | ScottishPower | Iberdrola.com

ABOUT US | POWER CUTS | CUSTOMER SUPPORT | GETTING CONNECTED | INVESTMENT & INNOVATION | CORPORATE GOVERNANCE

Customer Support

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- General Enquiries
- A Caring Network
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  - Land Rights
  - Land Rights for Connections Customers
  - Land Enquiry Form
- Community Energy

LAND RIGHTS FOR CONNECTIONS CUSTOMERS

To get you connected to our network, we often need to secure appropriate land rights in order to locate our equipment or cables on your land or a third parties land.

Our stakeholder feedback of the Land Rights process is improving and we are continuing to implement initiatives to enhance the customer experience, please take a look at our latest stakeholder update!

- Land Rights Stakeholder Update June 2019

The term land rights is used as a collective term to cover the acquisition of property rights, such as freehold and leasehold interests, a lease or purchase or servitudes, easements or wayleaves, that SP Energy Networks will require to be in place before we can make a connection for you to our network. In order to ensure the works are undertaken in a lawful manner we may also require 'statutory planning' consents such as a section 37 consent to install an overhead line or a planning consent to construct a substation. Other environmental consents, licences or permits may also be required for work in or around certain sensitive ecological habitats or species, water bodies or cultural heritage sites, some of which may have significant statutory protection.

We would ask you to take the following key factors into consideration when planning your project:

- We require the consent of the land owner prior to beginning any works
- The timescales associated with obtaining third party agreement may affect your project's delivery
- We do not seek such consents until you have accepted our quotation
- The price on our quotation is given subject to all consents being agreed
- Where consents are refused a new design and quotation will be required
- We cannot undertake any works on third party land until all consents have been agreed

More information is available in our Land Rights for Connections Customers guidance document which contains information on our process and requirements.

- Land Rights for Connection Customers

To further assist, we have provided the associated lease and servitude templates which may be required as part of your connection. See the links to these below:

- Windfarm Lease
- Substation Lease (Whole Substation Building)
- Substation Lease (Internal Parts Only)
- Standard Servitude (Overhead and Underground)
- Standard Deed of Grant (easement) (Underground and Overhead)
- Windfarm Servitude

Incorporated Rights (SP Manweb)

Where an IDNO is installing a new electricity connection, they will retain ownership of the network and therefore have their own land rights with the landowner. In order to better facilitate the land rights required for the IDNO's network to connect into SP Manweb's network, we can incorporate SPM's rights required into the agreement between the IDNO and the landowner. This allows the IDNO to secure SPM's land rights directly with the landowner. Please see our Incorporated Rights customer process map for more detail and contact waylesvessouth@spenergynetworks.co.uk for enquiries.

How long will it take to obtain the Land Rights and Other Consents?

The time to achieve Land Rights and other necessary Consents will be depending upon the individual circumstances and the ability to reach agreements with the various parties involved. Timescales for the successful negotiations vary greatly but we will try to complete these as efficiently as possible to meet overall project timescales.

Any Statutory or Environmental Consent needed will be, where possible, progressed in parallel to the Land Rights. The timescales for these are in the main out with our control and will also depend on the specifics of the works and the third parties we will have to engage with.

Based on our past experience and the functional processes of both obtaining Land Rights and Statutory Consents we have developed a range of indicative lead times. These lead times factor in such elements set out above and are primarily dependent on the type of Land Right being sought. For example Wayleaves or Servitudes/ Easements and if any, what Statutory or other Consents are required.

Other factors may include where a third party Land Right is required from an organisation. These organisations could be a local Authority or a Rail Operator who may have set processes and timescales to deal with specific matters.

- A simple underground connection on your land may take approximately **5 weeks** from the point of the Land Team having all the necessary information. We may seek a Way leave for this. Should you not own the land you are wanting the underground connection for may take as long as **10 weeks**. If the land is owned by an Infrastructure Operator or Local Authority the timescale can be extended to 10 weeks.
- Where permission is required from third party Landowners the timescale can be any time between **18 and 22 weeks**. Third party Landowners can be including an Infrastructure Owner or Local Authority. This timescale also applies in a case where Licence and Permits are required in relation to an environmental site.
- An overhead line that is less that 33kV required involving third party Landowners and is requiring a section 37 Consent with an environmental Licence or Permit, it can take up to **20 weeks**.
- A more complex connection requiring an overhead line of a significant length, involves a variety of third party Landowners and requires section 37 Consents with sensitive environmental aspects, it may take up to **50 weeks** for the consents to be granted.

The Project Manager appointed to your connection will keep you fully informed about progressing towards gaining any consents.

FIND OUT MORE ABOUT GETTING CONNECTED

Land Rights - https://www.spenergynetworks.co.uk/pages/land_rights.aspx

SP ENERGY NETWORKS

English | ScottishPower | Iberdrola.com

ABOUT US | POWER CUTS | CUSTOMER SUPPORT | GETTING CONNECTED | INVESTMENT & INNOVATION | CORPORATE GOVERNANCE

Customer Support

Home > Customer Support > Land Rights & Consents > Land Rights

- Help & Advice
- General Enquiries
- A Caring Network
- Online Forms
- Land Rights & Consents
  - Land Rights
  - Land Rights for Connections Customers
  - Land Enquiry Form
- Community Energy

LAND RIGHTS

The right of access to the land is granted through a Land Right which can be a personal agreement between ourselves and the Grantor (wayleave) or a permanent right to the land (servitude/easement).

The different types of Land Right obtained by SP Energy Networks are:

LAND RIGHTS FOR OVERHEAD LINES AND UNDERGROUND CABLE	
WAYLEAVE AGREEMENT	• A Personal Agreement between SPD/SPM and the individual/company granting the right. • Used to gain consent for Overhead Line and Underground Cable Apparatus. • An annual payment or one off payment is usually paid to the grantor as long as they are not the sole beneficiary of the apparatus. • Payment Rate is reviewed annually. • Wayleaves are not registered against the land therefore if the land is subsequently sold the right will not automatically transfer to the new owner.
SERVITUDE/ EASEMENT	• Provides greater security than a Wayleave Agreement. • Executed as a Deed therefore it is registered against the property on HM Land Registry and is permanently affixed to the land. • A Servitude/Easement forms a contract between SPD/SPM and the landowner and will include a right of access for inspection, maintenance and future operations. • Servitude/Easements are processed through solicitors and this reflects the greater security of tenure afforded to us and also the timescales involved.
FREEHOLD TRANSFER (SALE)	• SPD/SPM would prefer a freehold interest in the land where a Sub-Station is to be built for a major project, for example a Housing Development. • The land would then be owned by SPD/SPM and the Title would be registered at HM Land Registry. • The transfer would also include associated rights of access and appropriate for underground cables etc.

LEASE	• SPD/SPM would be prepared to enter into a lease for a Sub-Station site for commercial/industrial developments. • The landowner would grant us the right to occupy their land/building over a mutually agreed time period. • The lease will include rights for access to the sub-station 24/7, together with the rights for underground cable and associated apparatus.

What if a voluntary agreement cannot be reached?

In some cases a voluntary agreement will not be reached and we may require to rely on our statutory powers to compulsorily secure the relevant land rights. In such circumstances where agreement cannot be reached and no alternative design solution exists. Prior to entering into the use of statutory powers, the circumstances and how to proceed should be reviewed by the SPEN Project Manager, Land Offer and the customer. The costs relating to the use of statutory powers will be in addition to your connection costs.

COMPULSORY PURCHASE	We can acquire ownership of, rights in, and rights to, land by way of the compulsory acquisition process set down under schedule 3 of the Electricity At 1989 (as amended).
	A "start to finish" compulsory acquisition can take between 9 months to 3 years. As such, the process is only effective in projects where there are sufficiently defined timescales. Furthermore, a compulsory purchase order can only be proposed where there is a sufficient "needs case" justification for doing so.
NECESSARY WAYLEAVE	We can acquire a necessary wayleave for overhead line and cable apparatus under Schedule 4 of the Electricity Act. A necessary wayleave offers more protection than a voluntary wayleave in that it binds the land covered by the necessary wayleave for a stated term and does not fall as a result of a change of owner. The process can take between 6-12 months.

Other types of consents

As well as land rights, other consents may be required as part of your connection. These may relate to:

- Statutory planning consents for the construction of an overhead line or substation.
- Other environmental consents, licences or permits which may be required for:
- Work in or around water bodies;
- Work in or around certain sensitive ecological habitats or species, some of which may have significant statutory protection.
- Work in or around buildings and sites of historic importance
- In cases where such 'sensitives sites' are encountered these may trigger the need for particular environmental evaluation or the need for full Environmental Impact Assessment (EIA).

The requirement for such consents is obviously dependent on the development type and its location and as such requires to be considered on a case by case basis. Different types of consents will have different programme implications.

These consents will require various levels of engagement with statutory authorities and interested parties.

SECTION 37 CONSENT	The Electricity Act contains certain provisions for planning relating to the construction or alteration of overhead lines. Consent relating to 33kV overhead lines and below are required under section 37 of the Act.
	Section 37 consent is granted by the Scottish Ministers in Scotland and the Secretary of State in England and Wales. Whilst applications are made to The Scottish Government / DECC, these consents requires consultation with the relevant local authorities and other statutory bodies. The Secretary of State Scottish Ministers may take in to account the number of land rights that have been granted prior to the granting of the section 37 consent.
	The Land Officer appointed to your connection will keep you fully informed as to any consent that may be required to construct the connection.
PLANNING CONSENT BY A CUSTOMER	If a substation is required as part of the customer's connection arrangements, typically for development such as housing or commercial, we expect you to obtain planning permission for the new substation. Before a lease or transfer for a new substation site can be concluded, you must provide evidence to our solicitor that planning permission has been obtained for the new substation.

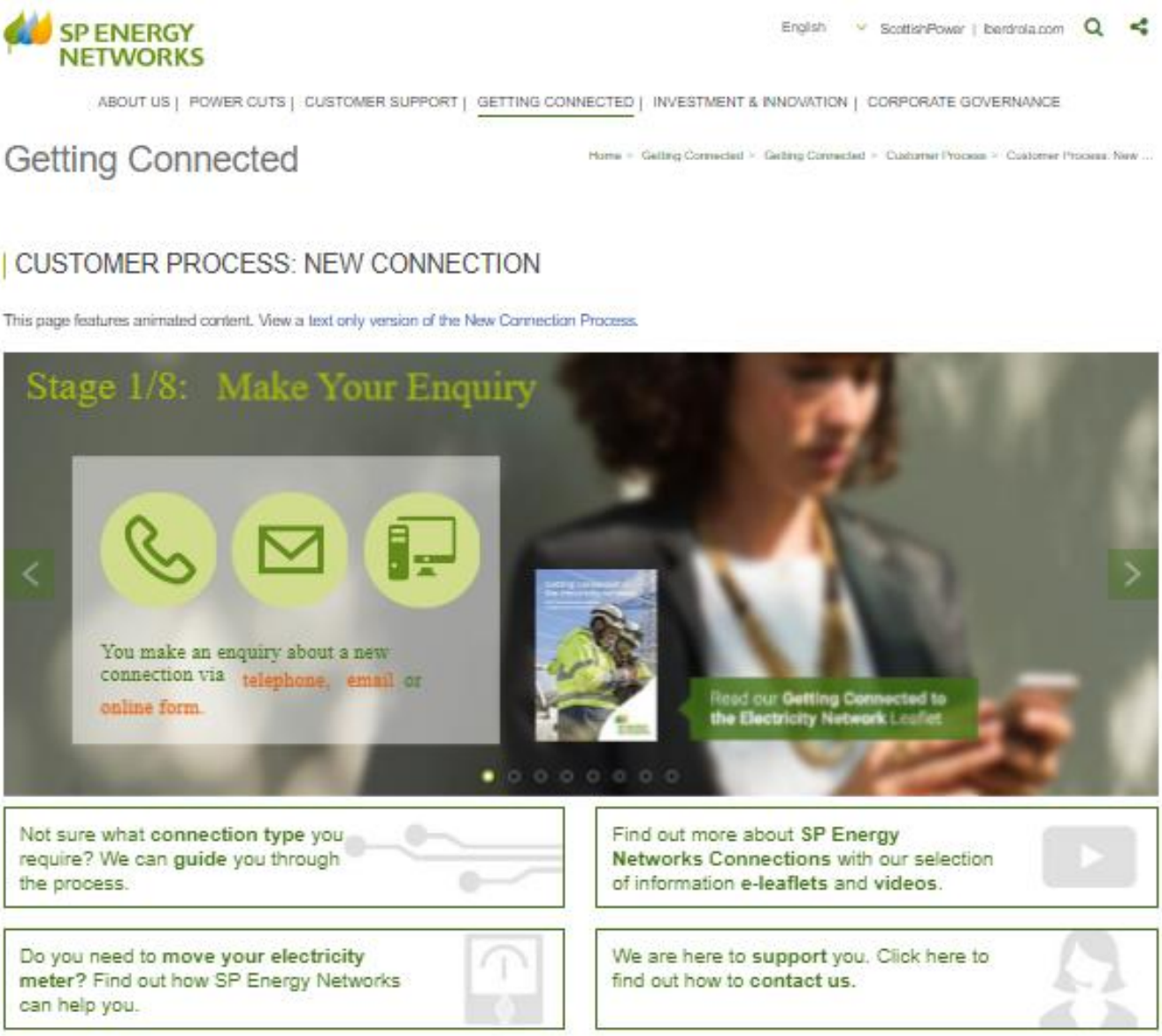
Our Land Rights and Works on Your Land documents can be viewed by selecting the links below.

- Land Code of Conduct
- Land Code of Conduct (Welsh)
- Works on Your Land
- Works on Your Land (Welsh)

If you are already a Grantor or you want to know more about Land Rights and Consents please contact us via our Land Enquiry Form or by using the contact details below:

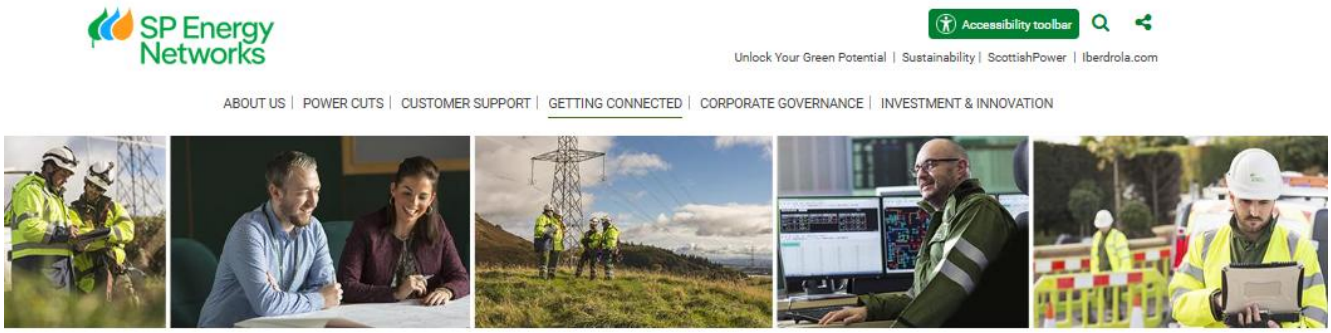
CENTRAL & SOUTHERN SCOTLAND	CHESHIRE, MERSEYSIDE, N. WALES & N.SHROPSHIRE
Telephone: 0845 301 0014	Telephone: 0845 030 3053
CONTACT US VIA EMAIL:	
Wayleaves North	Wayleaves South
WRITE TO US:	
Wayleaves SP Energy Networks 55 Fullerton Drive Cambuslang Glasgow G32 8FA	Wayleaves SP Energy Networks Wrexham Road Pentre Bychan Wrexham LL14 4DU

Customer Process –
https://www.spenergynetworks.co.uk/pages/customer_process_new_connection.aspx



xiv) Connection Agreements

https://www.spenergynetworks.co.uk/pages/connection_agreements.aspx



Getting Connected

Home > Getting Connected > Other Connection Provider... > Information for ICPs and I... > Documents > Connection Agreements

- Getting Connected
- Other Connection Providers (You Have a Choice)
  - Who Can Do the Work?
  - What Work Can be Done?
  - Who Regulates Our Connection Business?
  - Information for ICPs and IDNOs
    - Extending the Scope of ICP Work
    - Guidance & Information
    - Code of Practice
    - Documents
      - Connection Agreements
      - Construction & Adoption
      - Keeping You Informed
      - Customer Leaflets
      - Policies, Procedures and Specifications: Documentation
  - How to Contact CiC
  - Generation
  - Major Connections
  - Document Library
  - Contact Connections

CONNECTION AGREEMENTS

Prior to the completion/energisation of a new connection :

- The appropriate Bespoke/Bilateral Connection Agreement **MUST BE COMPLETED** and **SIGNED** by both parties
- The FON Template **MUST BE COMPLETED** and **SIGNED** by both parties
- If required, the EON, ION Template **MUST BE COMPLETED** and **SIGNED** by both parties
- Any works required to reinforce an existing connection or SPD/SPM agreeing to modify existing connection terms i.e. increasing/reducing a customer's maximum capacity, the appropriate Bespoke/Bilateral Connection Agreement **MUST BE MODIFIED** and that Modification **SIGNED** by both parties

Under no circumstance should a new or reinforced connection be energised or modified connection terms agreed without there being a signed and up-to-date Bespoke/Bilateral Connection Agreement in place.

A **BESPOKE CONNECTION AGREEMENT** is required for any connection metered at HV or above, or any site that has generation installed.

Each IDNO connection will require an appropriate **Bilateral Connection Agreement** to be put in place.

Please find below a list of the connection templates and the link for each for SPD and SPM.

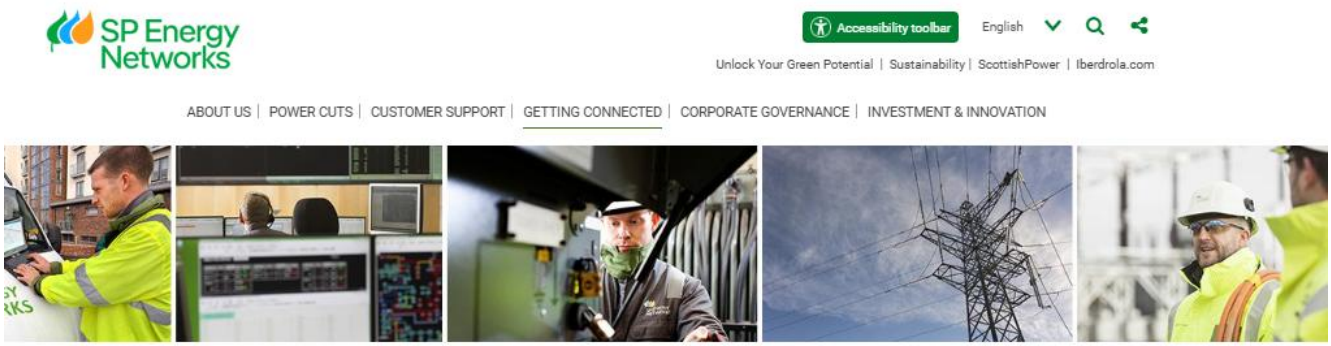
Connection Agreemment Template	Link	
	SPM	SPD
Bespoke Connection Agreement Template - LV Generation(G99)	COM-20-010	COM-20-001
Bespoke Connection Agreement Template - 11kV and above. No Generation	COM-20-011	COM-20-002
Bespoke Connection Agreement Template - 11kV and above. Generation No Export	COM-20-012	COM-20-003
Bespoke Connection Agreement Template - 11kV and above. Generation Import Export	COM-20-013	COM-20-004
Bilateral Connection Agreement Template - LV Standard (230V/400V)	COM-20-014	COM-20-005
Bilateral Connection Agreement Template - HV Standard (11kV)	COM-20-015	COM-20-006
Bilateral Connection Agreement Template - HV Close Coupled (11kV)	COM-20-016	COM-20-007
Bilateral Connection Agreement Template - LV Link Box (230V/400V)	COM-20-017	COM-20-008
Bilateral Connection Agreement Template - LV NO Link Box (230V/400V)	COM-20-020	COM-20-019
Bilateral Connection Agreement Template - 11kV and above. Generation Import Export		COM-20-028

To provide you with some assistance in the completion of these forms please click here for an example of a completed Bilateral Connection Agreement (COM-20-015).

EON, ION, FON Template	Link
	Doc. Number
Energisation Operational Notification (EON)	COM-20-025
Interim Operational Notification (ION)	COM-20-026
Final Operational Notification (FON)	COM-20-027

xv) Construction and Adoption Agreements

https://www.spenergynetworks.co.uk/pages/construction_adoption_agreements.aspx



Getting Connected

Home > Getting Connected > Other Connection Provider... > Information for ICPs and I... > Documents > Construction & Adoption

- Connection Agreements
- Construction & Adoption
- Keeping You Informed
- Customer Leaflets
- Policies, Procedures and Specifications: Documentation

CONSTRUCTION & ADOPTION

New & Modified Connections

If you have appointed an accredited Independent Connection Provider (ICP) to undertake some or all contestable works, they are required to work in accordance with the terms and conditions of our Construction and Adoption Agreement.

The Construction and Adoption Agreement can either be bilateral between you and us or us and your appointed ICP, or on a tripartite. It sets out the terms and conditions under which we will agree to adopt the assets installed. Once adopted, they will become part of our network following satisfactory inspection and testing.

Agreements

- SP Distribution (SPD) Bilateral Adoption Agreement
- SP Distribution (SPD) Tripartite Adoption Agreement
- SP Manweb (SPM) Bilateral Adoption Agreement
- SP Manweb (SPM) Tripartite Adoption Agreement

Framework agreements are also available for those organisations who complete a significant volume of projects within our network area. This provides the option of initially signing an over-arching agreement and then only completing a site specific schedule for each project.

If you are interested in this option please contact the relevant Account Manager who will be able to assist, details of which can be found here.

Terms & Conditions

- SPD - General Bilateral Terms & Conditions for Adoption of Contestable Works
- SPD - General Tripartite Terms & Conditions for Adoption of Contestable Works
- SPM - General Bilateral Terms & Conditions for Adoption of Contestable Works
- SPM - General Tripartite Terms & Conditions for Adoption of Contestable Works

Street Lighting & Street Furniture

For any assets installed in relation to street furniture or street lighting, you — or in the case of street lighting — a street lighting authority, can appoint an accredited ICP to undertake the work.

The appointed ICP will be required to carry out the works in accordance with the terms and conditions of our Construction & Adoption Agreement. The agreement will be between you, us and your appointed ICP.

The terms upon which we will adopt the new assets are set out within the agreement and, once the assets have been adopted, will be operated and maintained by us.

Agreements

- SP Distribution - Street Lighting & Street Furniture C&AA
- SP Manweb - Street Lighting & Street Furniture C&AA

Terms & Conditions

- SP Distribution General Conditions for Street Furniture
- SP Manweb General Conditions for Street Furniture

xvi) Escalation Process

https://www.spenergynetworks.co.uk/pages/escalation_process.aspx

Getting Connected

Home > Getting Connected > Other Connection Provider... > How to Contact CiC > Escalation Process

- Getting Connected
- Other Connection Providers (You Have a Choice)
  - Who Can Do the Work?
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  - Who Regulates Our Connection Business?
  - Information for ICPs and IDNOs
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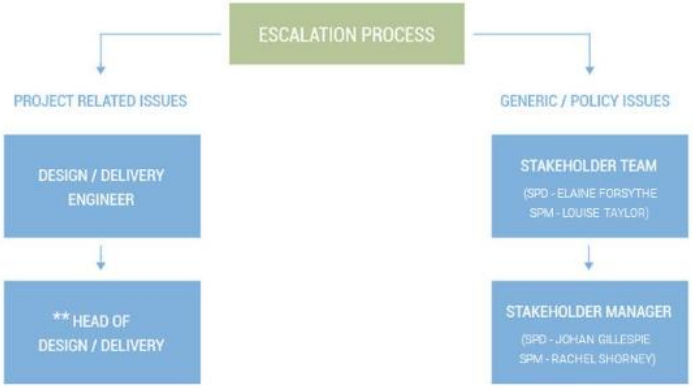
- Generation
- Major Connections
- Document Library
- Contact Connections

ESCALATION PROCESS

We are committed to providing you with excellent customer service, first time every time. However, if you have any concerns or issues then please follow the process outlined below.

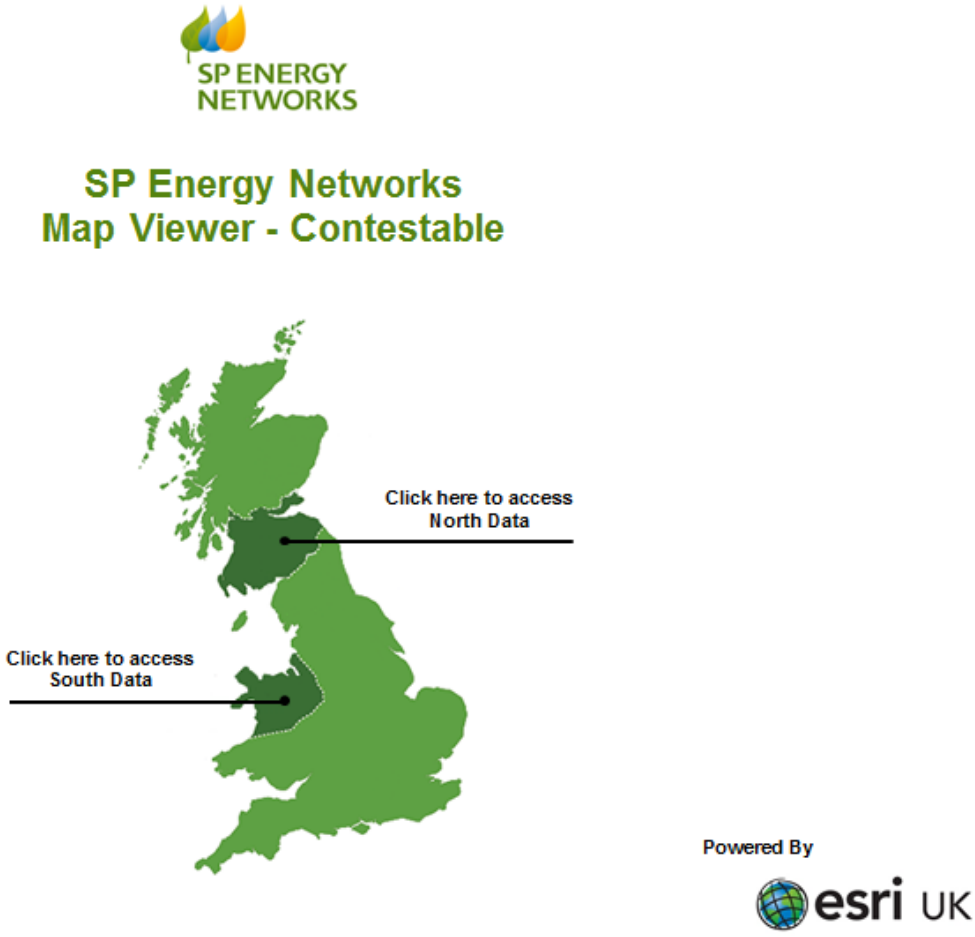


** Please use our contacts page to find the specific details of the manager for each district.

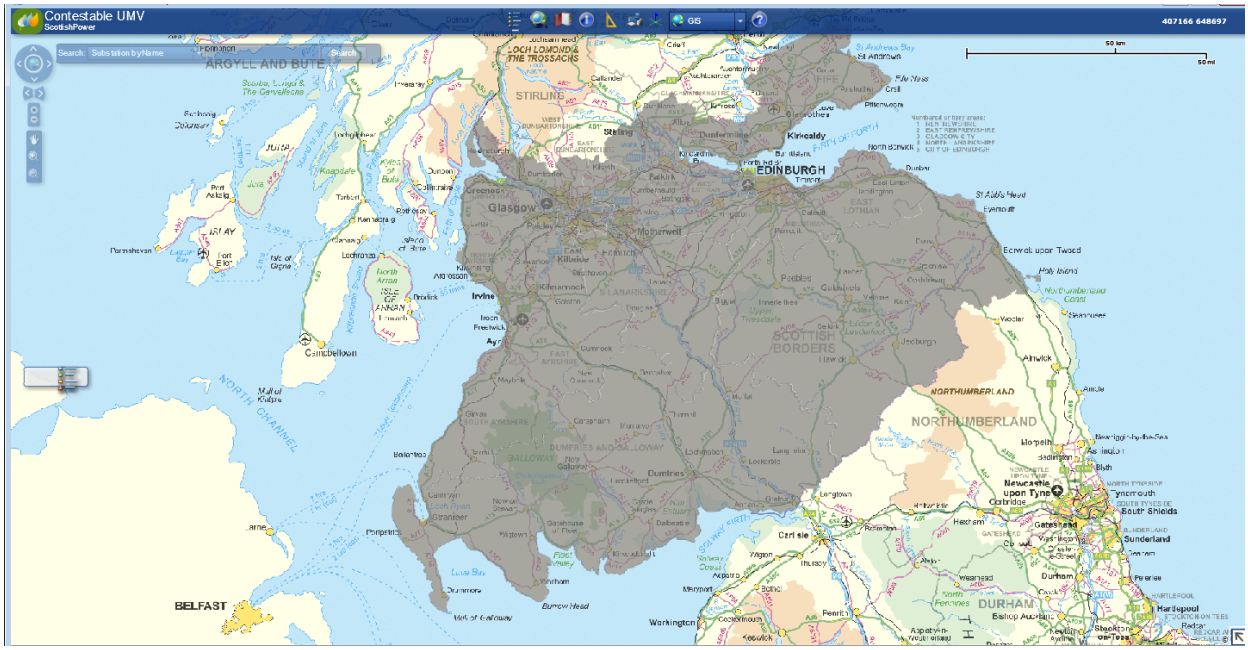
Please note if you have followed the process above and are not happy with the resolution and want to make a complaint, then you should follow our complaints procedure.

Appendix 2 – UMV and Open data Portal screenshots

i) UMV/GND/Power On Portal Screen



ii) UMV Mini Scale



iii) UMV Landranger

iv) UMV Master Map

v) Open Data Portal