Competition in Connections Code of Practice Reporting 2017-18 Appendices

(April 2017 – March 2018)

SP Manweb and SP Distribution

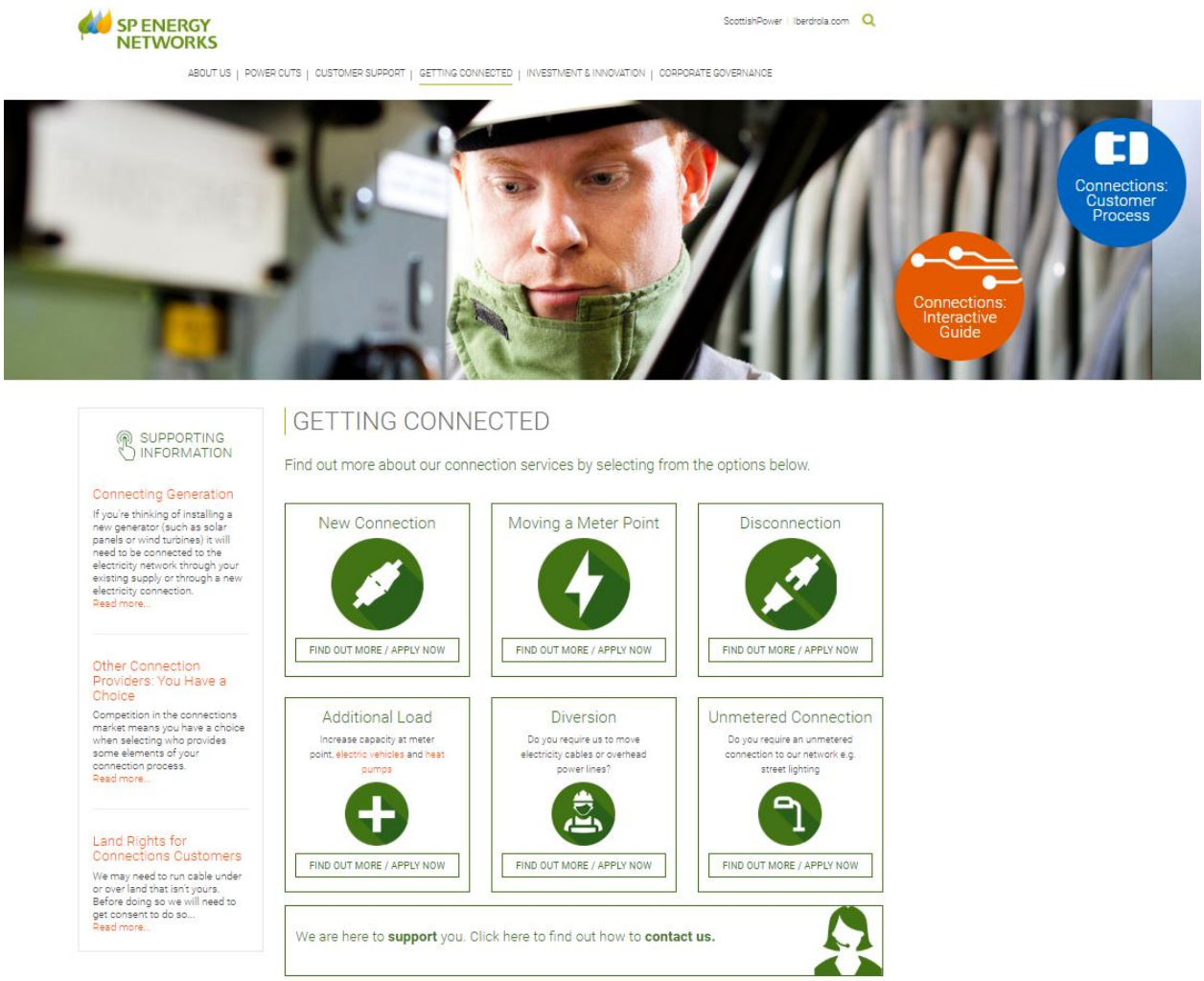
September 2018

Contents

Appendix 1 – Website Pages

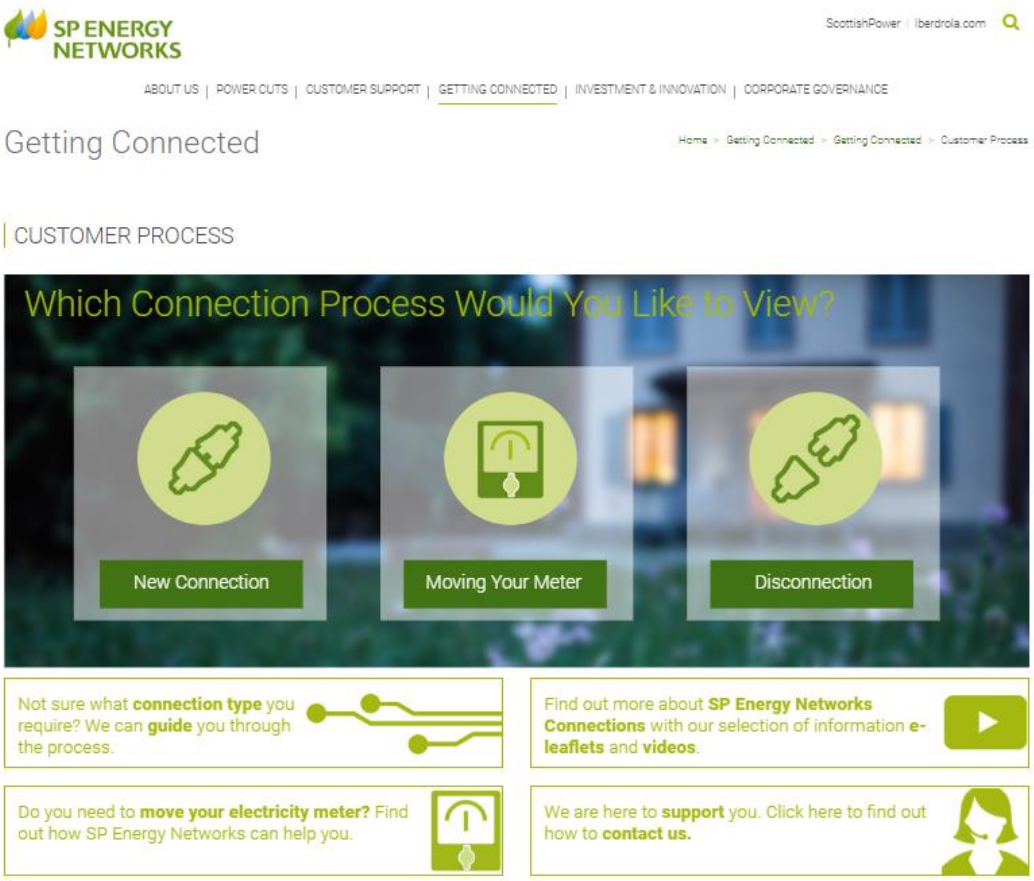
i) Getting Connected

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

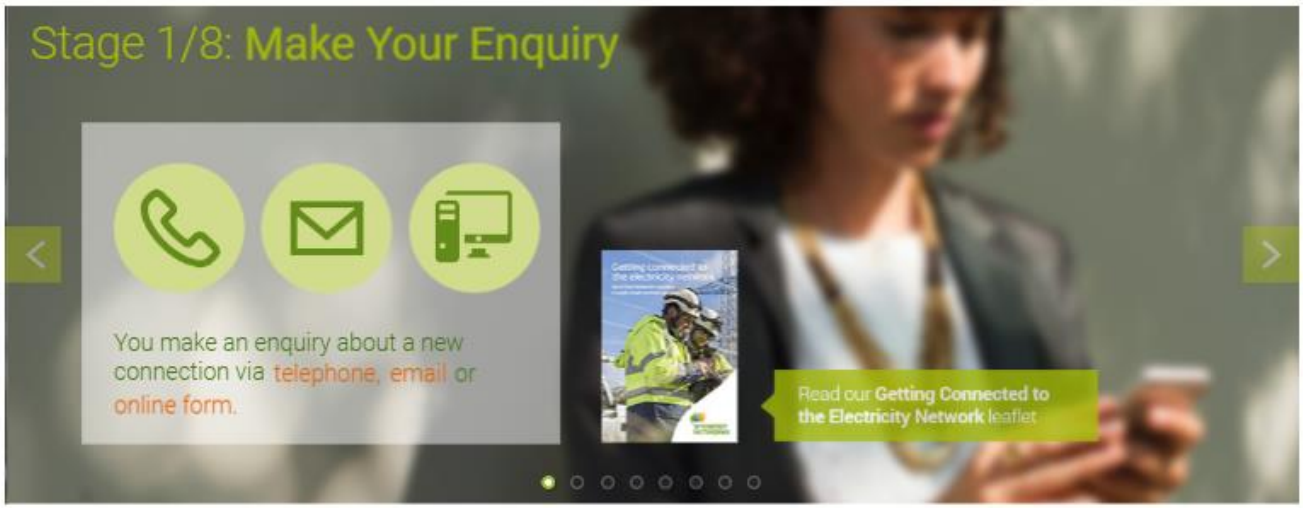


ii) Connections: Customer Process

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

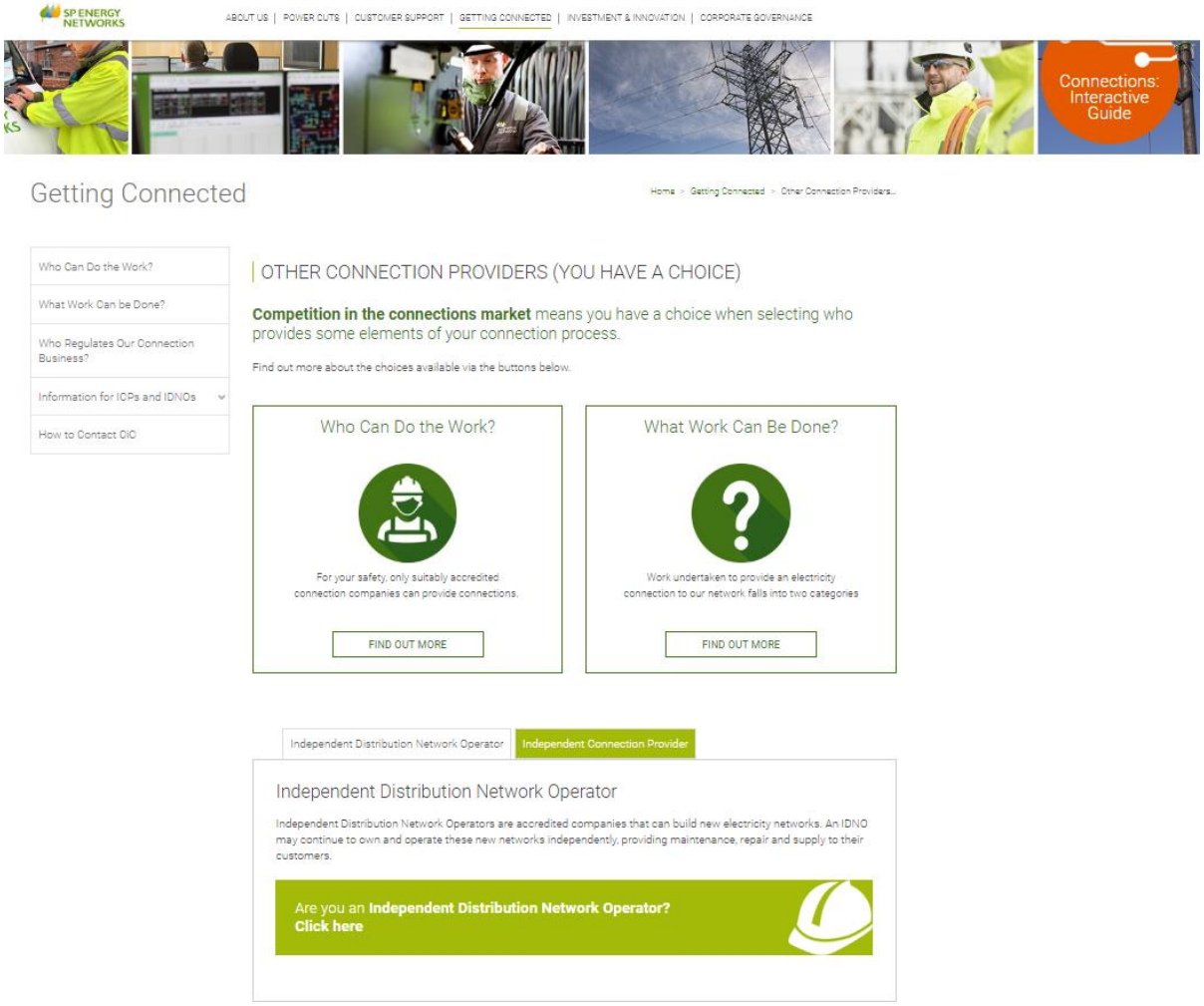


You then choose "New Connection" which will then take you through an 8 step process, providing you with links to information and leaflets/documents; examples of the stages are shown below.



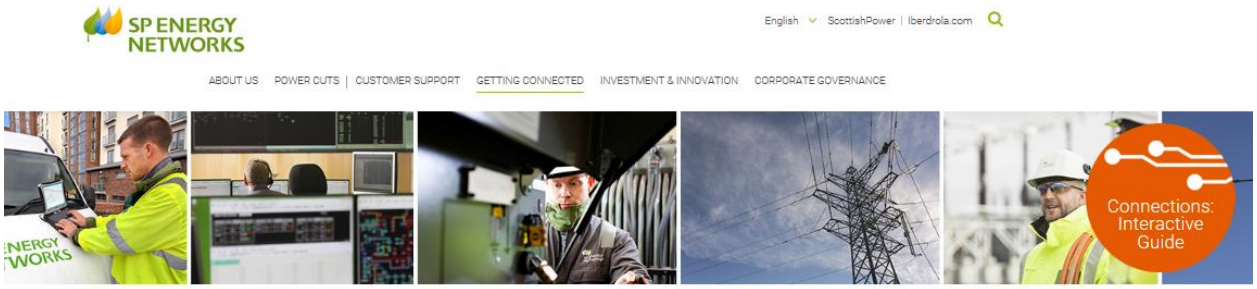
iii) Other Connection Providers (you have a choice)

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



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Home > Getting Connected > Other Connection Provider... > Who Can Do the Work?

- Who Can Do the Work?
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- Who Regulates Our Connection Business?
- Information for ICPs and IDNOs
- How to Contact CiC

WHO CAN DO THE WORK?

You can choose who carries out certain elements of the connection work. This is known as contestable work and can be completed by an Independent Connection Provider (ICP) or an Independent Distribution Network Operator (IDNO).

Alternative Connection Providers

There are a number of Alternative Connection Providers active in the SP Distribution (SPD) and SP Manweb (SPM) areas.

- Click here to view the list

For your safety, ICPs and IDNOs must possess the appropriate accreditations to carry out contestable works.

You'll find further information at the following links:

- ICPs
- IDNOs

A list of accredited ICP and IDNO companies can be found on the Lloyds Register website.

If you are a Connections Provider and would like your company to be listed, please email gettingconnectedupdate@spenergynetworks.co.uk

v) Competition in Connections Code of Practice

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

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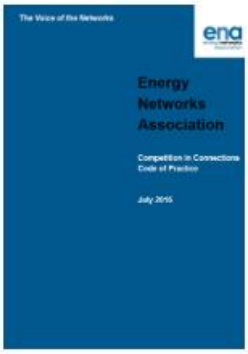
CODE OF PRACTICE

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 2016-17 can be found here:

- Competition in Connections Code of Practice Report 2016-17
- Competition in Connections Code of Practice Reporting 2016-17 Appendices

Other pages in this section:

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

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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Home > Getting Connected > Other Connection Providers... > Information for ICPs and ID... > Code of Practice > Standard Design Matrix

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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 supplies)	
distance to substation	<=500m	
service cable length	<=5m (4mm) or <=25m (25mm)	
transformer capacity	N/A	
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 joint live: Belgium cables and Consac. Interconnectors with no existing connected customers.	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 15mtrs can be considered. Alternatively <=25m (25mm) Cable to be considered

Criteria	Measurement	Comment
connection capacity	<=6kW (non domestic only)	
distance to substation	<=250m	
service cable length	<=25m	
transformer capacity	N/A	
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 joint live: Belgium cables and Consac. Interconnectors with no existing connected customers.	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 G83/multiple connections or ENA G59)

Criteria	Measurement	Comment
connection capacity	Up to 4 Domestic (<=2kW ADMD each)	
distance to substation	<=250m	
service cable length	<=25m	
transformer capacity	N/A for ground mounted substation. System checks required for PTE (Pole Mounted Transformers)	Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections
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 joint live: Belgium cables and Consac. Interconnectors with no existing connected customers.	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 G83/multiple connections or ENA G59)

Criteria	Measurement	Comment
connection capacity	Single Connection <=69kW	Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections
distance to substation	<=200m	
service cable length	<=10mtrs (No Study required), >10 <=25m (Study required)	A Full Network modelling analysis is required if:
transformer capacity	system checks required for PTE (Pole Mounted Transformers) and ground mounted substations	The maximum length of any Service Cable Exceeds 10mtrs. Note no services to exceed 25mtr
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 joint live: Belgium cables and Consac. Interconnectors with no existing connected customers.	- 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 G83/multiple connections or ENA G59)

Criteria	Measurement	Comment
connection capacity	Up to 4 Domestic (<=2kW ADMD each)	
distance to substation	<=250m	
service cable length	<=25m	
transformer capacity	N/A for ground mounted substation. System checks required for PTE (Pole Mounted Transformers)	Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections
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 joint live: Belgium cables and Consac Interconnectors with no existing connected customers.	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 G83/multiple connections or ENA G59)

Criteria	Measurement	Comment
connection capacity	Single Connection <=69kW	Existing 5kVA pole mounted transformers will not provide sufficient capacity to cater for additional connections
distance to substation	<=200m	A Full Network modelling analysis is required if:
service cable length	<=10mtrs (No Study required), >10 <=25m (Study required)	The maximum length of any Service Cable Exceeds 10mtrs. Note no services to exceed 25mtr
transformer capacity	system checks required for PTE (Pole Mounted Transformers) and ground mounted substations	- there are 50 or more customers already on the LV feeder
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 joint live: Belgium cables and Consac Interconnectors with no existing connected customers.	- 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 G83/multiple connections or ENA G59)

viii) Transformer Loadings

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

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TRANSFORMER LOADINGS

To facilitate the self-determination of POCs information of transformer loading is required which is detailed below. Document ESDD-02-021 details the process for self-determination (reference Section 11).

Please see below the Zip files for SPM and SPD and the associated instructions for use:

Click here for instructions.

- Transformer Loading 2016 South
- Transformer Loading 2016 North

ix) Documents

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

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    - Construction & Adoption
    - Keeping You Informed
    - Customer Leaflets
    - Policies, Procedures and Specifications: Documentation
- How to Contact CIC

DOCUMENTS

Within this section we provide a range of documentation.

- Connection agreements
- Construction & adoption agreements
- Customer Leaflets
- Policies, Procedures and Specifications: Documentation
- Keeping you Informed (our newsletters)

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

@ POLICIES PROCEDURES & SPECIFICATIONS

Online Request Form

If the document you are looking for is not listed, 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 + to list the documents. If the document you are looking for is not listed, please complete the Online Request Form

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

- Approved Equipment +
- Overhead Lines +
- Policy & System Design +
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- Underground Cables +
- Authorisation Procedure +
- Connection Process +

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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  - Metered and Unmetered Connections Guides
  - Adopted Distributed Generation
  - Gaining Authorisation to our Network
  - Utility Map Viewer
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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

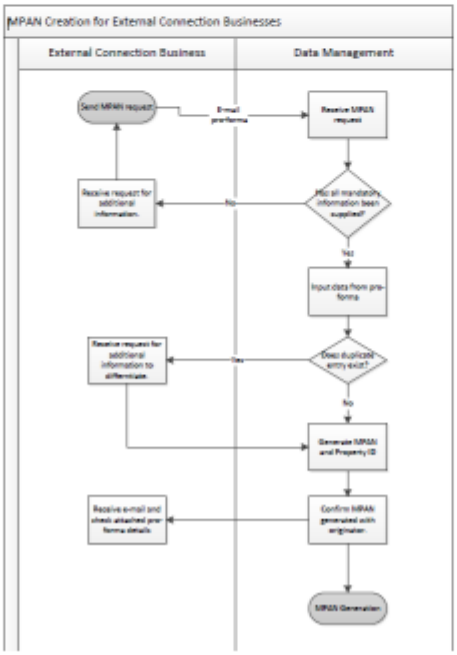
Click here to open the email information

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.



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

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

Customer Support

Land Rights
Land Rights for Connections Customers
Land Enquiry Form

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.

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

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:

- Land Rights for Connection Customers
- Windfarm Lease
- Substation Lease (Whole Substation Building)
- Substation Lease (Internal Parts Only)
- Standard Servitude (Overhead and Underground)
- Windfarm Servitude

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.

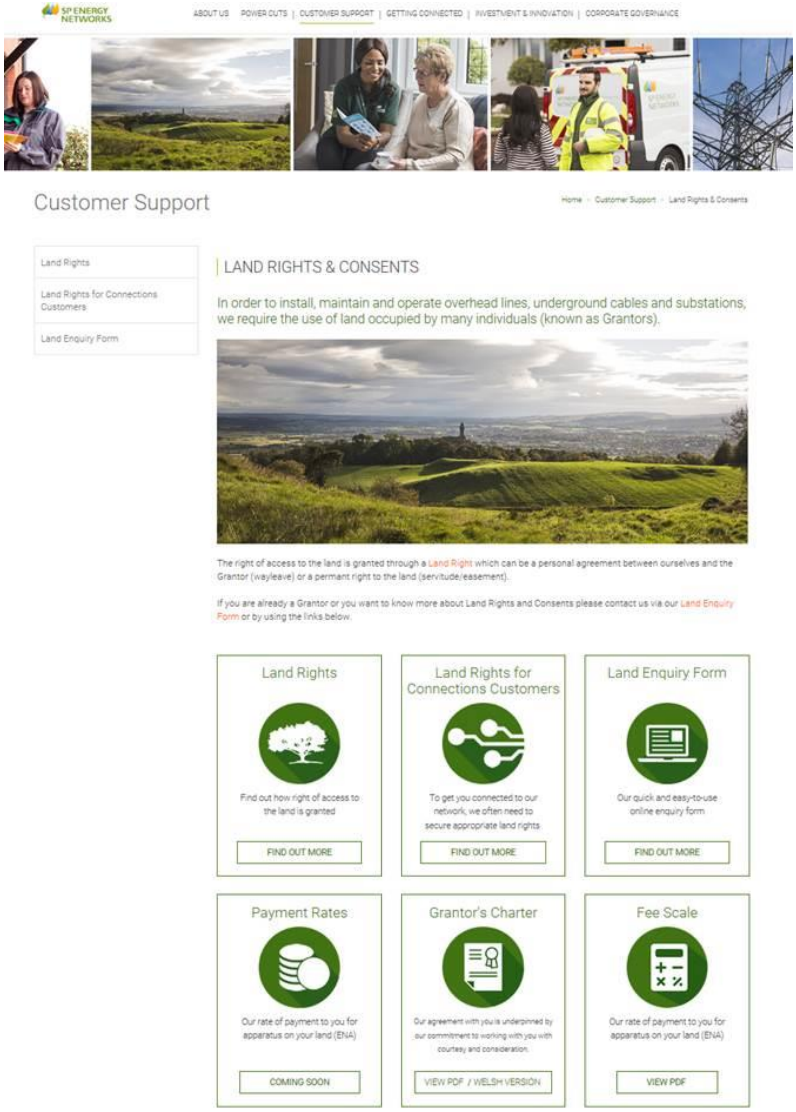
Other factors may include where a third party Land Right is required from an organisation. These organisations could be a local Authority or a Rail Operator who may have set processes and timescales to deal with specific matters.

- 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

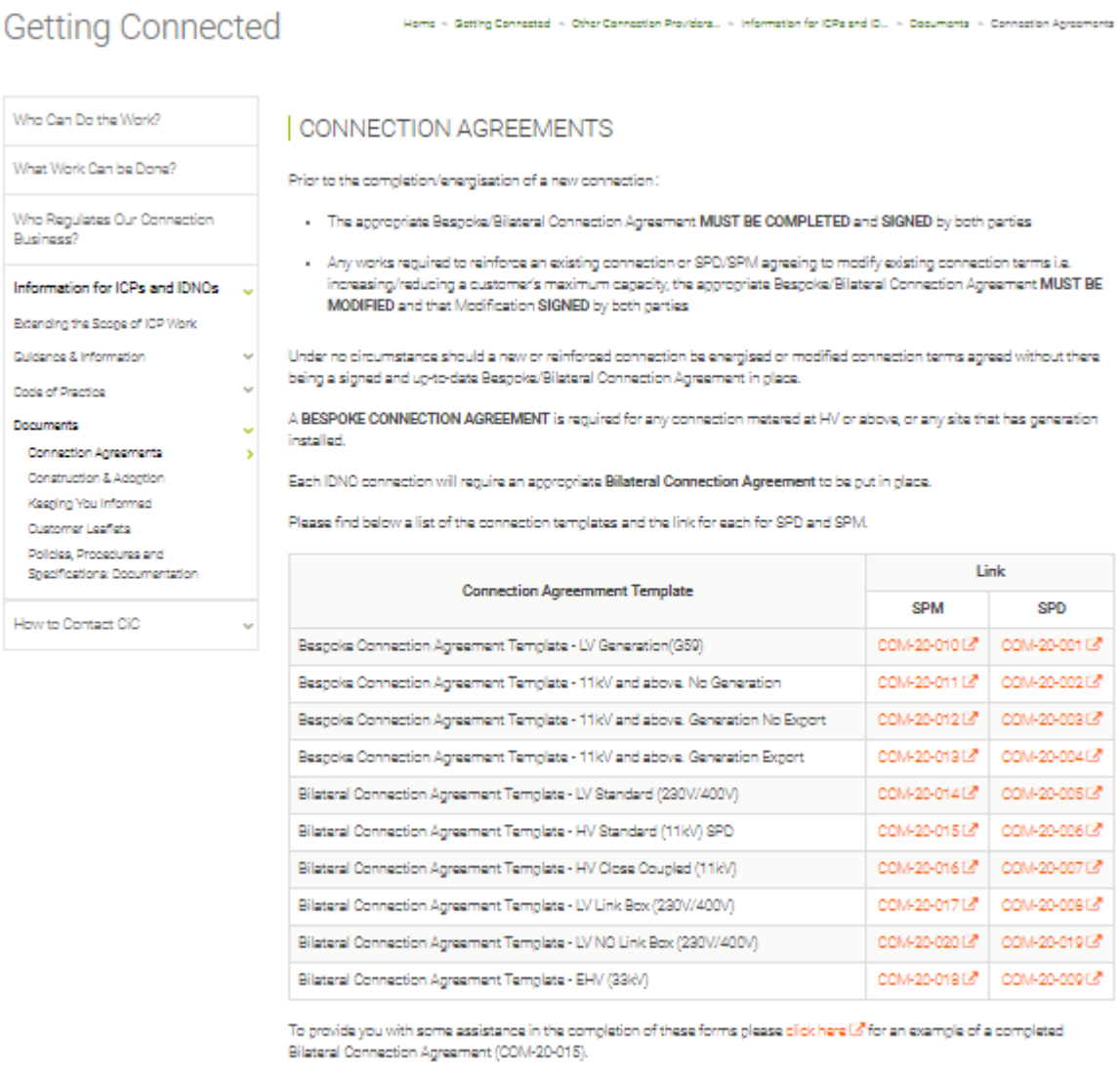
Land rights & Consents - https://www.spenergynetworks.co.uk/pages/land_rights_consents.aspx



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 Providers... » Information for ICPs and IC... » Documents » Connection Agreements

- 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

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
- 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(G59)	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 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) SPD	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 - EHV (33kV)	COM-20-018	COM-20-009

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).

xv) Construction and Adoption Agreements

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

Getting Connected

Home > Getting Connected > Other Connection Providers... > Information for ICPs and ID... > Documents > Construction & Adoption

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- How to Contact CiC

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

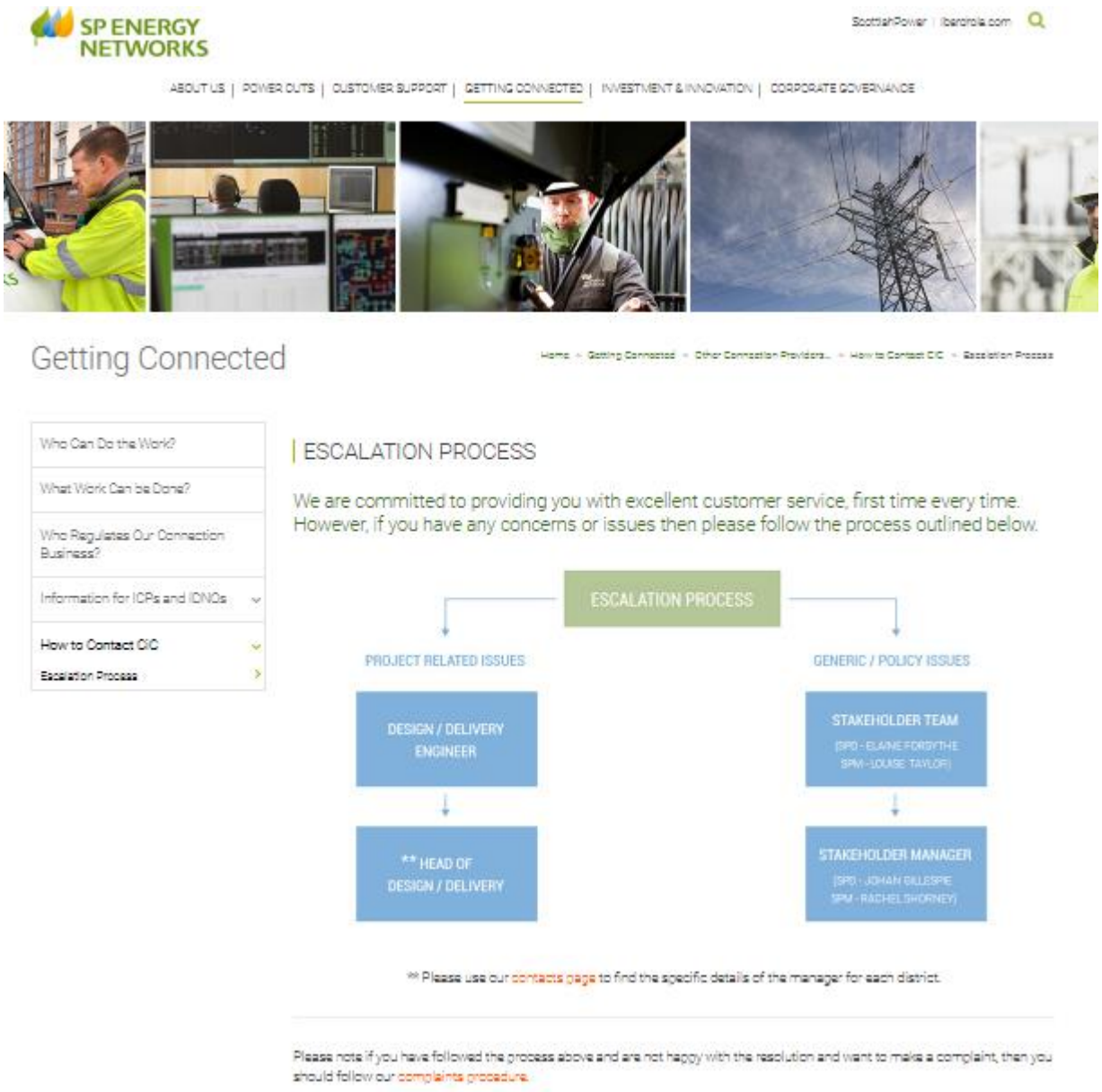
- SP Distribution - Street Lighting & Street Furniture C&AA
- SP Manweb - Street Lighting & Street Furniture C&AA

Terms & Conditions

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

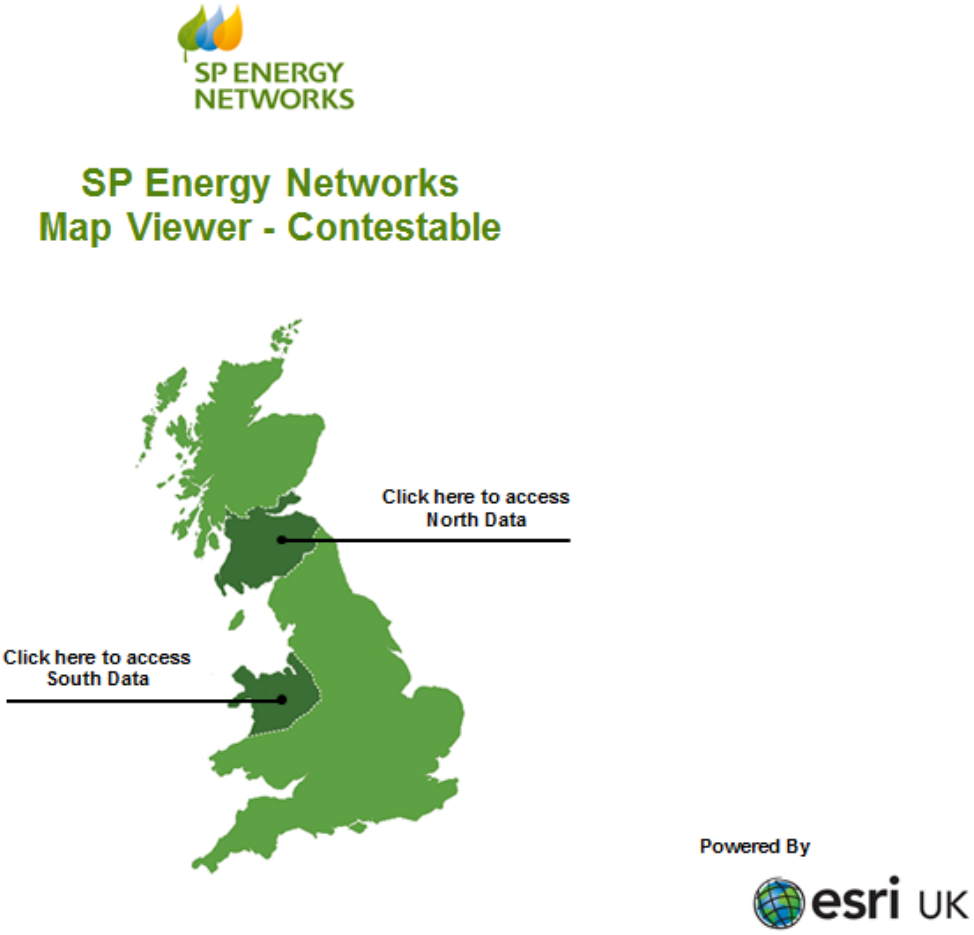
xvi) Escalation Process

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



Appendix 2 – UMV and Transformer Loading Database screenshots

i) UMV/GND/Power On Portal Screen

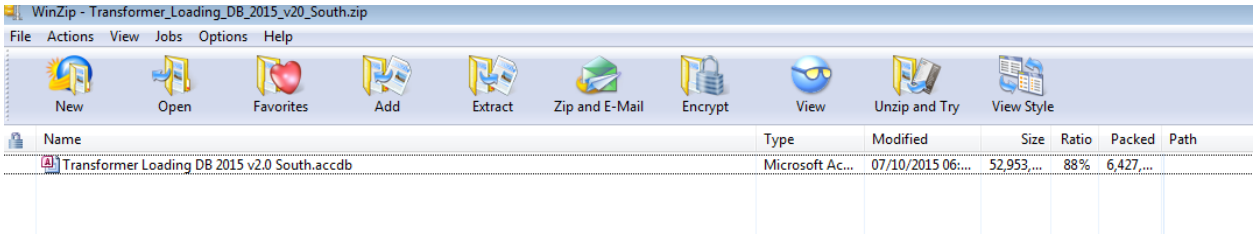


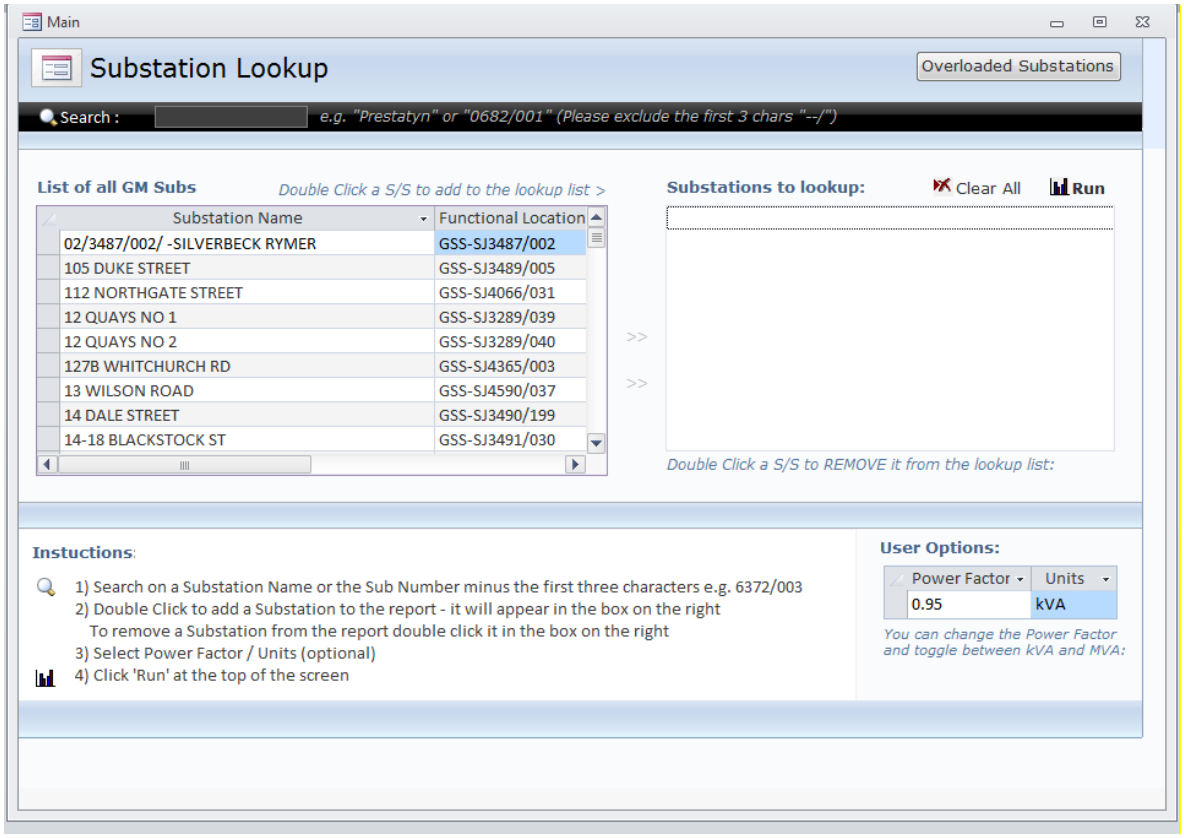
ii) UMV Mini Scale

iii) UMV Landranger

iv) <u>UMV Master Map</u>

v) <u>Transformer Loading Database Portal screen</u>





vi) <u>Transformer Loading Database example screen</u>