

## Appendix 2 Glossary of Terms

Term	Definition
Accreditation	The appropriate assessment of technical skills as defined by the National Electricity Registration Scheme (NERS) to allow alternative connection providers to carry out specific works associated with the installation of electrical connections.
Adoption Agreements	Legal documents that outline the terms and conditions for which we will adopt assets which have been installed by any third party. The document outlines the responsibilities, liabilities and indemnities of parties involved.
After Diversity Maximum Demand (ADMD)	The combined maximum demand for one or multiple customers when a diversity factor has been applied.
Appendix G	The appendix in the Connection and Use of System Code (CUSC) offer that summarises the contracted generation connected to a GSP. This information forms the basis of the new SoW process whereby DNOs can work within materiality limits set by National Grid reducing the timescale for a decision on transmission impacts for DG offers.
Budget Estimate	A budget estimate is provided to aid customers with up front planning of projects and is a simple review of the network within the vicinity of the proposed development and does not include detailed modelling of the system. A budget estimate cannot be contracted.
BMCS	Broader Measures of Customer Service
CCCM	Common Connection Charging Methodology
CIC	Competition in Connection; ability for a customer to seek connection to the network using a Lloyds accredited ICP of your choice.
CIC Code of Practice (CoP)	This is an industry standard which was developed jointly by DNOs, Ofgem and stakeholders. The code is aimed at making it easier for alternative connection providers to get their customers connected and better inform customer of their choices.
Collaborative/ Consortium Connections	These are connections where multiple customers are brought together to benefit from shared connection costs and shared assets to maximise the amount of generation connected in any part of our network.
Contestable	Refers to type of work that can be completed by either a Distribution Network Operator or a Lloyds accredited Independent Connection Provider of your choice.
Competition tests	A series of tests carried out between 2011 and 2014 across all Distribution Network Operators to assess the level of competition in connection market segments.
Competency Accord	A collaborative approach geared towards agreeing sector training and assessment standards. The collective aim is to reduce the large amount of duplicated training and assessments currently being experienced, without compromising the existing high standards of safety.
Customer	A customer is defined as someone who is interested in, or has applied for a connection to our network.
DG	Distributed Generation; this is the connection of generation to any point of the distribution system, from 230V up to 33,000V in Scotland or 132,000V in England & Wales.

Term	Definition
DNO	Distribution Network Operators; responsible for owning operating, and maintaining the electrical network in their licensed geographical area.
DSO	Distribution System Operator' means 'a natural or legal person responsible for operating, ensuring the maintenance of and, if necessary, developing the distribution system in a given area and, where applicable, its interconnections with other systems and for ensuring the long-term ability of the system to meet reasonable demands for the distribution of electricity.
DUoS	Distribution Use of System Charges are charges are levied by the UK's regional DNOs (Distribution Network Operators) and go towards the operation, maintenance and development of the UK's electricity distribution networks.
Easements	An easement (or Deed of Grant) is a permanent legal right granted by the landowner in favour of the DNO to install, keep installed, repair and maintain electricity equipment on, over or under private land. Solicitors usually act for the land owner in the process of agreeing and completing an easement to ENWL which will be registered at the Land Registry against the land. Easements place restrictions upon the land to ensure future development does not interfere with the equipment.
ENA	Energy Networks Association is the voice of the networks, representing the 'wires and pipes' transmission and distribution network operators for gas and electricity in the UK and Ireland.
Export Management/ Limiting Device	These are devices which seek to manage the local demand alongside any generator, essentially restricting export to our network.
Expert Stakeholder Panel	A dedicated panel made up of representative stakeholders, to give you more influence over our connection services and decisions.
Feasibility Study	A feasibility study is a chargeable service to run a number of network models and advise what capacity is available where on parts of our network. This does not facilitate a connection offer, and does not carry any contractual link to a formal connection offer.
Flexible or constrained connection	A Connection Offer that is based on certain conditions to avoid the need for network reinforcement. The conditions relate to the time of export or amount of generation exported back to the network.
Formal Connection Offer	A formal Connection offer facilitates a contract between us and the applicant to accept our offer and progress the construction works with the connection.
Full Metering Settlement Option	Enables clients to share a point of connection without a boundary meter. The point of supply is separated on the customer side of the connection providing two or more customer meters with full settlement (e.g. shared connection for community and commercial Photovoltaic (PV) site / shopping centre with multiple outlets).
G59	G59 is the industry standard for generators greater than 16 amp per phase.
G83	G83 is the industry standard for small scale embedded generators for connections up to 16 amp per phase, 3.68kW single phase connection or when multiple generators are to be connected.
Gen+	A quote option that provides costs for our customers quickly whilst maintaining queue position.
GRP Enclosures	'Glass Reinforced Plastic' enclosures. Our traditional solution for a substation which requires a battery set is a brick building, GRP solutions utilise glass reinforced plastic technologies to provide substation enclosures that can provide similar environments to brick-built substations.
GSP	A Grid Supply Point is the point at which electricity enters the distribution network, leaving the transmission network.

Term	Definition
GSOP	Guaranteed Standards of Performance are set by our regulator Ofgem and refer to the standards of customer service all Distribution Network Operators should provide. They include expected timescales for contact, quotations and completed connections as well as penalties the Distribution Network Operator must pay customers if the standards are not met.
Heat-maps	These are maps of our HV network, colour coded based on the available capacity on any given circuit.
ICE	Incentive on Connections Engagement (ICE) is a regulatory incentive for all Distribution Network Operators to engage with connections' stakeholders.
ICP	Independent Connection Provider is a third party that is accredited to carry out specific works associated with the installation of electrical connections.
IDNO	Independent Distribution Network Operators are licensed to own, operate and maintain local electricity distribution networks.
Intertrip	An intertrip will automatically disconnect a generator or demand from the network when a specific event occurs.
Jointing	Jointing is a method of connecting two sections of cable together.
KPI	Key Performance Indicator.
Link boxes	A link box provides a point of isolation at the interface of an IDNO (Independent Network Operators) and DNO network.
Materiality analysis	Analysis that determines the relevance and significance of an issue/topic to a company and its stakeholders.
Market Segment	This is the regulatory terminology which defines the connections market.
Meter Point Administration Number (MPAN)	A 21-digit reference used in Great Britain to uniquely identify electricity supply points.
Metering	This is the mechanism for recording the flow of electricity to (an Import) or from (an Export) a site or property. The data from metering is used as a key part of the balancing and settling arrangements, which are laid down in the Balancing and Settlement Code (BSC), and is administered by ELEXON.
Milestones	Defined stages expressed in our Terms and Conditions indicating progress for projects over 200kW following acceptance of a Connection Offer.
NERS	National Electricity Registration Scheme, perform technical assessment of the service providers who elect to be assessed for accreditation for contestable works associated with the installation of electrical connections.
Non-Contestable	Refers to type of work that can only be completed by a Distribution Network Operator.
NMS	Network Management System; a management system that provides improved visibility and functionality of our network. The technology installed as part of the system will enable generators to connect in constrained areas on a commercially un-firm basis.
On-Site	On-site works are typically within either the customers land boundaries or the boundary within which a principle contractor operates.

Term	Definition
PILC	A paper insulated, lead covered high voltage mains power cable
PPA	Power purchase agreement, is a contract between two parties, one which generates electricity (the seller) and one which is looking to purchase electricity (the buyer).
Pseudo MPANs	Enables clients to sub-meter behind a single point of supply making individual bills available (e.g. shared connection for community and commercial pv site / shopping centre with multiple outlets). This option requires a common meter operator and a boundary meter.
POC	Point of Connection for the electrical network
RIIO ED1	(Revenue = Incentives + Innovation + Outputs) price control set the outputs that the 14 electricity Distribution Network Operators (DNOs) need to deliver for their consumers and the associated revenues they are allowed to collect for the eight-year period from 1 April 2015 to 31 March 2023.
SoW	The Statement of Works process should be followed when it is identified that a generator seeking a connection to a DNO's network may have an impact on the transmission network.
Substation	A part of our network where we transfer power across boundaries, either by voltage level or a customer's point of common coupling.
Surgeries	These are held for any customers who wish to discuss a project with us or have a general enquiry.
Training passports	An industry scheme developed by EU Skills where basic level awareness and training for a specific topic are recorded centrally to facilitate easier working across companies. The content for these schemes is developed by the Energy & Utility Skills Group in collaboration with industry experts.
Virtual Private Network	A Virtual Private Network refers to a solution to defer reinforcement, where customers can directly connect generation and demand via a privately owned micro grid.
Wayleaves	This is the process which secures the legal right for apparatus to be installed on any given location and secures the connection to your site for a defined period of times.
Webinar	Web conferencing
Witness test	Witness testing is where we, the distribution network operator, attend the site of your generator to witness your commissioning engineer test the protection systems associated with your generator and ensure they operate correctly.