

Hello



Welcome to Electricity North West and thank you for choosing us to provide you with your electricity connection. Yearly we complete 20,000 connections. Within Electricity North West our main focus is to deliver world class customer service. Included in this booklet you will find an introduction to our Business Connections team who will be assisting you with your project and a summary of the connections process that will be applicable in the early stages of the development phase of your project. I hope you find the information in this pack useful and I look forward to delivering the best possible service for you.

Martin Edmundson

Head of Business Connections



We are **ADAPTABLE**

We take **PRIDE**





Business Connections - Meet the team



Head of Business Connections

Martin Edmundson

Sales and Design Managers

NORTH

SOUTH

NORTH

SOUTH

Simon Taylor

Matt Savka

Construction and Delivery Managers

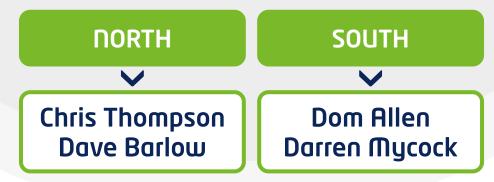
NORTH

SOUTH

Tracey Taylor

Peter McKenzie

Design Engineers





What happens next



Generation Connection (no Construction Work)

Thank you for your acceptance, your appointed Design Engineer will be in touch shortly.....

Customer to provide:

- Anticipated 'power on date'
- <u>Submit G99 Forms</u> appropriate to the size/ type of generator
- Project Milestones as detailed in your T & C https://www.enwl.co.uk/get-connected/ourservices/terms-and-conditions/
- Return signed Connection Agreement,
 this will include the generation technical operating requirements
- Single Line Diagram
- For HV Supplies:
 - Transformer Specification
 - Protection Settings (preferred)

Electricity North West to complete:

- Post Acceptance Studies (if applicable):
 - Earthing Study
 - Fault Level Analysis
 - Harmonic Study
 - Protection settings (for HV Metered Connections)
- Appendix G (if applicable)

Appendix G process

- If your Connection is greater than 1MVA then your data will be passed on to National Grid for them to consent to your connection
- What is <u>Appendix G</u>

Engineering Recommendation G99

Which G99 forms do I need to complete? Please refer to the G99 Summary Guide

Please refer to our <u>website</u> for up to date information regarding G99



What happens next



Generation Connection (with Construction Work)

Electricity North West will:

- Confirm your designated Construction Co-Ordinator
- Provide a Developer Pack detailing the Construction Work
- Provide regular updates regarding:-
 - Legal Consents (https://www.enwl.co.uk/advice-and-services/land-rights-and-consents/)
 - Traffic Management ie Road Closures, permits etc
- Provision of a 'Programme of Work'
- Deliver your connection

Customer responsibilities:

- Complete 'On Site' Construction activities
- Progress Legal Consents (as required)

Using an ICP?

- <u>Information for</u> <u>Customers</u>
- <u>Information for ICPs/</u> IDNO

Wayleaves

- We need land rights to install and maintain our equipment on privately owned land.
 All land rights must be in place before we install and energise a connection to our network.
- What are <u>Land Rights and</u> Consents.



G99 Form Summary





Guidance Table for G99 Applications	Less than 50kW	Integrated Micro-generation & storage (each up to & including 16 A per phase)	Greater than 50kW & less than 1MW (Type A)	1MW to less than 10MW (Type B)	10MW to <50MW (Type C)	Greater than or equal to 50MW or >110kV (Type D)
Applicable Standard	G 99	G99	G 99	G 99	G99	
Application	Form A1-1	Form A1-2	SAF	SAF	SAF	
Notification	Form A3-1	Form A3-2	Form A3-1			
Evidence	If not type tested - Form A2-1 synchronous <50kW Form A2-2 synchronous >50kW or Form A2-3 inverter connected gen	If not type tested - Form A2-1 synchronous <50kW Form A2-2 synchronous >50kW or Form A2-3 inverter connected gen	If not type tested - Form A2-2 synchronous G Form A2-3 inverter connected gen	PGMD Form B2-1	PGMD Form C2-1	
Compliance & Commissioning Checks			Form A2-4 if the Interface Protection is not Type Tested or for other site compliance tests	Form B2-2 if the Interface Protection is not Type Tested or for other site compliance tests	Form C2-2 if the Interface Protection is not Type Tested or for other site compliance tests	
Installation				Form B3	Forr	n C3

