

# GRID CONNECTION APPLICATIONS

## RENEWABLE ENERGY & ENERGY EFFICIENCY ENGINEERS

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## APPLICATION SERVICES

### APPLICATION TYPES

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We prepare and submit grid connection applications for submission to Distribution Network Operators (DNO) and Independent DNOs (iDNO) for the following:

- + Multiple G83/2
- + G59/3 LV and HV Connected
- + G100 Export Limiting

We prepare electrical SLDs, point of connection mapping and export constraint modelling.



## ADDED VALUE TO APPLICATIONS

### SPECIALIST ADVICE AND DESIGN

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All the calculations and parameters required for rotating machinery can be undertaken, and we use a nominal factor of 1.4 or peak output for solid state inverter technology.

In addition to electrical grid connection applications, we can also prepare and submit Stage 1 and Stage 2 sustainable gas connection applications to local Gas Network Operators (GNO).

LHW Partnership represent the Distributed Generation industry at the Energy Networks Association and DNO generation technical work groups and are familiar with each DNO's particular and individual connection requirements.



## SERVICES

### APPLY FOR A RANGE OF TECHNOLOGIES

- + Solar PV
- + Wind Turbines
- + Rotating Generation (Diesel, Gas, Combined Heat & Power)
- + Ground Source Heat Pumps
- + Battery Storage
- + Anaerobic Digesters

