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SOLUTIONS



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CASE STUDY

# DELIVERING RELIABLE CONNECTION ACROSS THE UK

## Overview

**BRUSH Power Solutions were tasked with delivering a reliable 33kV ICP connection for a new battery storage farm in Barnsley, South Yorkshire—an essential part of the UK's transition to low-carbon energy.**

This complex project required coordinating key infrastructure components and collaborating closely with stakeholders to meet tight deadlines and regulatory standards, enabling the battery facility to support grid stability and regional decarbonisation.

## At a glance



Safety



Renewable  
energy



Efficiency

Low carbon  
project

## Project profile

### Location:

Barnsley,  
South Yorkshire,  
United Kingdom

### Solution:

33kV ICP  
connection for a  
battery storage farm

### Delivered by:

aprenda

## Solution

The project included the full design and implementation of contestable elements such as civil works and a protection and control system, all in accordance with NPG G81 specifications to ensure compliance, resilience, and long-term reliability. A bespoke prefabricated unit was installed, housing integrated 33kV Siemens NX-Plus switchgear to maximise performance. Delivered with minimal disruption, the solution reflects BRUSH Power Solutions' continued commitment to safety, quality, and sustainability in the renewable sector.



## Result

The battery storage farm is now efficiently and securely connected to the grid, enhancing local energy storage capabilities and reinforcing BRUSH Power Solutions' reputation for delivering high-quality grid connection solutions.

## More information

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**FOR MORE  
INFORMATION  
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From concept, through to design, build, connection and everything in between, our end-to-end engineering solutions offering provides network solutions across the energy management landscape.

