

Case Study: Perimeter Deer Fencing Installation – High Park Foot Solar Farm, Carlisle

(April 2025)

Client: Belectric

Location: Carlisle, Cumbria

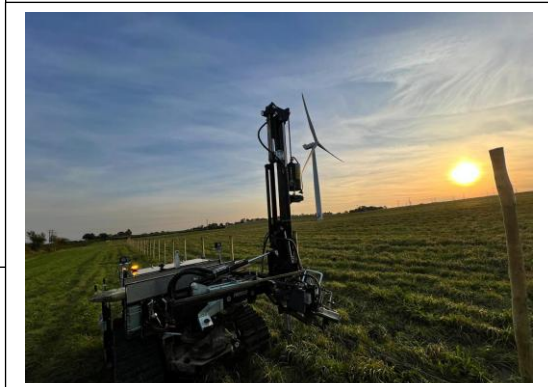
Project Duration: 3 Weeks

Completion Date: April 2025

Scope of Work: 5.5 km of Deer Fencing & Installation of 6 Green-Coated Mesh Access Gates

Project Overview

In April 2025, our team successfully completed the installation of 5.5 kilometres of high-specification deer fencing around the perimeter of a newly constructed solar farm in Carlisle, Cumbria. The project was commissioned to protect the solar infrastructure from wildlife interference, ensuring uninterrupted energy generation while maintaining environmental responsibility.



Objectives

- Protect critical solar infrastructure from deer and other large wildlife
- Define and secure the boundary of the solar farm
- Provide durable and low-visibility access points for maintenance personnel
- Deliver the project within a strict 4-week schedule to align with solar array commissioning

Challenges & Solutions

- **Challenging Terrain:** The site featured varied ground conditions, including uneven and marshy areas. Our team conducted a detailed pre-installation survey and used tracked post-drivers and multi terrain vehicles to ensure minimal ground disturbance.
- **Environmental Sensitivity:** The solar farm is situated near ecologically sensitive zones. We used eco-conscious methods, ensuring that the fence line avoided nesting zones and wildlife corridors, while still maintaining effectiveness.
- **Time Constraints:** With the solar farm project running on a tight schedule, coordination with other on-site contractors was critical.



Solution Delivered

- **Fencing:** 5.5 km of high-tensile wire deer fencing, standing at 2.4 metres, designed to resist impact and prevent climbing or breaching by wildlife.
- **Gates:** Six green powder-coated mesh access gates were installed at strategic locations around the perimeter. The gates provide secure and discreet entry points for farm maintenance vehicles and personnel while blending seamlessly with the environment.

Results

- Project delivered on schedule (within 3 weeks) and within budget
- Fence line fully secured with robust wildlife protection
- Gates installed with lockable hardware to meet site security requirements
- Zero environmental incidents or complaints from local stakeholders

Client Feedback

Robert Lamb – Head of Site Management Belectric