

Our ref: 00230

Date: 19 December 2025

Hinckley & Bosworth Borough Council
Hinckley Hub
Rugby Road
Hinckley
Leicestershire
LE10 0FR

Hodge House
114-116 St Mary Street
Cardiff
CF10 1DY

Via Planning Portal Ref: PP-14569013

Dear Sir / Madam,

On Behalf of Elgin Energy EsCo Ltd

Town and Country Planning Act 1990 (as amended) - Application for the Approval of Details Reserved by Condition.

Discharge of Condition 6 of Planning Permission 22/00739/FUL - Land North and South of Lychgate Lane, Aston Flamville.

On behalf of our client, Elgin Energy EsCo Ltd, we enclose herewith an application to discharge Condition 6 of planning permission 22/00739/FUL at Land North and South of Lychgate Lane, which was granted on the 11 July 2024. The description of the approved development is as follows:

'Ground mounted photovoltaic solar farm (approximately 20MW) together with associated equipment, infrastructure and ancillary works. (Cross boundary with Blaby District Council).'

The application has been submitted via the Planning Portal under reference number PP-14569013.

Condition 6

Condition 6 relates to external materials, and requires the following:

'Prior to the commencement of development full details of the final location, design, materials (including colour) and construction methods for the panel arrays, substations, inverters, fencing, access tracks and CCTV cameras shall be submitted and approved by the Local Planning Authority. The development shall be implemented and maintained in strict accordance with the approved details.'

Details of External Materials & Finishes

The following summarises final design details to discharge condition 6.

Client Substation

The Client substation is a pre-assembled, container-type unit with a corrugated metal exterior with a green finish, a light-grey roof, and matching steel access doors, stairs, and platforms. The unit measures approximately 12.19 m long, 2.44 m wide, and is 3.9 m above ground level. All equipment is fully enclosed with front access only, meaning no components are exposed outside the housing.

PV Panel Details

The proposed solar panels are located across the site. Each module uses a dual-glass construction with a slim anodised aluminium frame and has a dark, low-reflectivity appearance, typically with black or dark grey cell colouring and a matching back-glass finish. Each module is approximately 2.3–2.4 m long, 1.1–1.2 m wide and around 30–35 mm thick, with non-reflective glass surfaces designed to minimise glare. Panels are certified for outdoor use and are designed to withstand harsh environmental conditions, including high wind and snow loads in the range of +4000 to +5400 Pa (front) and –2000 to –2400 Pa (rear). All cabling and junction boxes are positioned on the rear side of the modules, maintaining a clean and uniform appearance from the front.

Panel Mounting Structure / Frame Details

The mounting structures across the site are fixed tilt steel post and rail frames that support the solar modules. They are constructed from cold-formed, hot-dip galvanised steel, giving them a consistent silver-grey, non-reflective finish. The system consists of driven steel piles, horizontal rails, and bracing members, as shown in the site photographs, with all further technical details provided in the accompanying engineering datasheet.

DNO Substation Building

The DNO substation is a prefabricated steel-clad building raised on a galvanised steel base, as shown in the submitted elevations and floor plan. The building has a corrugated metal exterior with a green finish, a light-grey roof, and matching steel access doors, stairs, and platforms. It is supported on concrete foundation pads with open undercroft ventilation. The structure includes safety features such as explosion vents, perimeter handrails, and PIR lighting, all of which form part of the building's standard design. The substation measures approximately 7.7 m in length and 3.85 m in width, with a roof height of around 5.3 m above ground level. Further technical construction details, including the steel subframe, galvanised decking, and cable entry provisions, are provided within the accompanying engineering drawings.

Inverters

The Inverter units measure approximately 6 m × 2.9 m × 2.4 m and are built with a hot-dip galvanised steel enclosure and a double-layer powder-coated finish, giving it full C5-M corrosion resistance.

Boundaries (fencing, gates)

The site boundary is formed using standard agricultural-style stock-proof fencing with a galvanised (silver-grey) wire mesh. The fencing includes small wildlife access points and is designed to bridge over existing hedgerows where the boundary intersects with vegetation. Standard access gates are placed at the designated entry points, following the same style and finish as the main fence. All existing trees and hedgerows are incorporated into the overall boundary design.

The compound fencing consists of palisade fence and gate in a hot-dip galvanised steel finish.

Aux. Transformer

The auxiliary transformers measure a width of approximately 1.25m, height of 1.5 m and depth of 1.2. The external finish is hot-dip galvanised steel.

CCTV Cameras

CCTV cameras will be installed to enhance site security and monitor access points within the solar farm. CCTV poles will be installed at designated locations, either driven directly into the ground or set in small concrete foundations depending on soil conditions and equipment load.

Cameras and associated fixtures will be mounted on the poles and adjusted to the required viewing angles. The cameras have a white finish.

Internal Access Tracks

The access tracks measure a width of 3.5 m.

The tracks are based on a 130mm permeable hard core aggregate base (type 1) and 250mm of aggregate sub-base layer above 150mm of compacted soil. These layers are separated by geotextile membranes. In the case of typical internal access tracks, the aggregate sub-base layer and compacted soil are positioned into the existing ground. For non-intrusive tracks located over tree root protection areas, these layers of aggregate sub-base and compacted soil are positioned above ground.

Application Submission

The application consists of the following:

- Completed Application Form
- This Covering Letter
- Construction Method Statement
- Drawings and supporting information as detailed in **Table 1** at the end of the letter.

The statutory application fee of **£383** (£298 plus £85 portal service charge) has been paid via the Planning Portal.

We trust the enclosed will enable the prompt registration and favourable determination of the application. However, should you have any queries please do not hesitate to contact me.

Yours sincerely,
for Tetra Tech RPS



Simon Chapman

Technical Director

simon.chapman@tetratech.com

Encs

Table 1

Equipment	Drawing	Data Sheet / Photo	Material / Finish / Colour
General Layout	- UK-ASF 300-11 - Site proposed Layout-DD-S4-REV00	N/A	N/A
Client Substation	- P04003-G2E-XX-DR-C-3401-Client Substation-V1 - P04003-G2E-XX-DR-C-3402-Client Substation-V1 - P04003-G2E-XX-DR-C-3405- Client Substation-V1 - P04003-G2E-XX-DR-C-3410- Client Substation-V1 - P04003-G2E-XX-DR-C-3421- Client Substation-V1 - P04003-G2E-XX-DR-C-3422- Client Substation-V1	-	Corrugated metal exterior with a green finish (RAL 6002), a light-grey roof (RAL 7001), and matching steel access doors, stairs, and platforms
DNO (NGED) Substation	- P04052-G2E-XX-DR-C-3402-NGED Substation-V1 - P04052-G2E-XX-DR-C-3403-NGED Substation-V1		Corrugated metal exterior with a green finish (RAL 6002), a light-grey roof (RAL 7001), and matching steel access doors, stairs, and platforms
Aux. Transformer	202/EM15037		Hot-dip galvanised steel (RAL 7035)
Inverter	- MVS6400-LV - Dimensions_and_Layout & Foundation	MVS6400-LV	Built with a hot-dip galvanised steel enclosure and a double-layer powder-coated finish, giving it full C5-M corrosion resistance. (RAL 7035)
Inverter	- MVS8960-LV - Dimensions_and_Layout & Foundation	MVS8960-LV	Built with a hot-dip galvanised steel enclosure and a double-layer powder-coated finish, giving it full C5-M corrosion resistance. (RAL 7035)
Solar Panels	N-type i-TOPCon bifacial dual glass (drawing and datasheet)	Picture & picture 2	Anodised aluminium frame and has a dark, low-reflectivity appearance, dark grey (RAL 7010)
Frame / mounting structure	S20240627 - 03	Picture & picture 2	Constructed from cold-formed, hot-dip galvanised steel, giving them a consistent silver-grey, non-reflective finish (RAL 7035)
Fence (Perimeter)	JPW1425-013	-	Standard agricultural-style stock-proof fencing with a galvanised (silver-grey) wire mesh (RAL 7035)
Fence (Compound)	P04002-G2E-XX-DR-C-3110		Palisade fence and gate. Hot-dip galvanised steel (RAL 7035)

CCTV Cameras	• Site proposed Layout-DD-S4-REV00 • P04053-G2E-XX-DR-C-2106-CCTV & Lighting Column Clearances-DD-S4-REV00	DS-2TD2628/QA CCTV Picture	Standard white Thermal & Optical Bi-Spectrum Network Bullet Camera. CCTV poles are a metal finish (RAL 7035).
Internal Access track	• ELGIN-ACCESSTRACKS-001		Varying details for typical access track and non-intrusive access track. Contained in the drawing.