

SUMMARY OF ENGINEERING EVIDENCE

24 JULY 2026

**THE NATIONAL GRID ELECTRICITY TRANSMISSION PLC (WEST BURTON TO RATCLIFFE-
ON-SOAR REFURBISHMENT PROJECT)
COMPULSORY PURCHASE ORDER 2026**

SUMMARY OF STATEMENT OF EVIDENCE

**WILLIAM KIRBY
SENIOR DESIGN ENGINEER (OHL ENGINEERING)
LSTC GROUP**

1. SUMMARY AND CONCLUSIONS

- 1.1 I am a Senior Design Engineer within the Overhead Line Engineering team at LSTC Group. LSTC joined the West Burton to Ratcliffe-on-Soar Refurbishment Project (the "**Project**") in April 2026 to support National Grid Electricity Transmission plc ("**NGET**") in securing the National Grid Electricity Transmission (West Burton to Ratcliffe-on-Soar Refurbishment Project) Compulsory Purchase Order 2026 (the "**Order**"), providing engineering advice in relation to the use of the Order Land for the Project works and through partaking in discussions with objectors with a view to resolving outstanding issues.
- 1.2 The Project encompasses a variety of works across its sections, including: reconductoring works (replacement of conductors, fittings, insulators and associated pylon furniture); pylon works (steelwork refurbishment and replacement, foundation refurbishment); maintenance works (asset health inspections and repair of existing cables/overhead lines); cable works (construction, laying, maintenance and decommissioning of underground electric cables and associated infrastructure); and enabling works (construction compounds, access, vegetation clearance, utility mitigation and crossing protection).
- 1.3 The extent of the Order Land is underpinned by NGET's considerable engineering experience in undertaking works of this nature. The general approach includes: OHL swathes typically 50m either side of the conductor centreline; pylon work areas typically 50m x 50m; bow-tie shaped stringing areas at angle pylons; underground cable swathes at West Burton and Cottam substations; access swathes typically 5m wide with passing places at 10m width; temporary construction compounds; scaffold crossing protection areas; and utility undergrounding works.
- 1.4 No objector has taken issue with the overall engineering approach to the proposed works and overall land take. A number of objections raise concerns regarding the interface between the Order and existing, consented or proposed developments, namely: the Cottam Solar Project DCO, Gate Burton Energy Park DCO, Great North Road Solar and Biodiversity Park DCO, Steeple Renewable Project DCO, Staythorpe Power Station, Tillbridge Solar Project DCO, Trent BESS II, and West Burton Solar Project DCO. In each case, the Order Land overlaps in certain areas with the relevant development's order limits or operational land, and the developments interact with various aspects of the Project.
- 1.5 NGET's position is that the Project is compatible with each of those developments. NGET is engaging with the relevant objectors to discuss the extent of the overlap, the works to be undertaken by both parties and the likely timing of such works, with a view to agreeing appropriate measures (including through side agreements which are currently being negotiated) to ensure that the interfaces are appropriately managed to allow co-existence and that any impact upon those developments is minimised. NGET anticipates these interactions being limited, as the Project works relate to existing assets which have been, or should have been, accounted for in the design of those developments, with NGET's asset protection requirements secured via protective provisions within the relevant DCOs where applicable.

2. CONCLUSIONS

- 2.1 The engineering scope of the Project encompasses reconductoring works, pylon works, maintenance works, cable works and enabling works. The extent of the Order Land is underpinned by NGET's considerable engineering experience, and the general approach to the Order Land required for each category of works is appropriate and proportionate to enable the safe and efficient delivery of the Project works and future maintenance.
- 2.2 No objector has taken issue with the overall engineering approach. Where objections concern the interface with existing, consented or proposed developments, NGET's position is that the Project is compatible with each and is engaging with the relevant objectors accordingly.
- 2.3 In my professional opinion, the Order Land is required for the purposes of the Project and the engineering approach adopted is appropriate and justified.

3. DECLARATION

This statement of evidence has been prepared and provided for this inquiry. I confirm that the opinions expressed are true and professional opinions.

William Kirby

A handwritten signature in black ink, appearing to read 'W Kirby', with a long horizontal flourish extending to the right.

24.07.2026