

YG-DCO-033-5.3.4B

Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.3.4B ES Chapter 4 Appendix 4B - Transboundary
Screening Matrix

Final Issue A

November 2022

Planning Inspectorate Reference: EN020024

Infrastructure Planning (Applications: Prescribed Forms and
Procedure) Regulations 2009 Regulation 5(2)(a)

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Transboundary screening for the purposes of Regulation 32 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations)

Project name:	Yorkshire Green Energy Enablement Project
Address/Location:	Yorkshire
Planning Inspectorate Ref:	EN020024
Date(s) screening undertaken:	24 October 2022
EEA States identified for notification:	None identified

TRANSBOUNDARY SCREENING	
Document(s) used for transboundary Screening:	Environmental Statement (Volume 5) No Significant Effects Report: Habitats Regulations Screening Assessment, Volume 6, Document 6.4
Screening Criteria:	Completed by applicant
Characteristics of the Development	<p>The Project is divided into six sections for ease of reference as indicated in Figure 1.2, Document 5.4.1, Volume 5. The Project will comprise both new infrastructure and works to existing transmission infrastructure and facilities as follows.</p> <ul style="list-style-type: none"> • Section A (Osbalwick Substation): Minor works at the existing Osbalwick Substation comprising the installation of a new circuit breaker and isolator along with associated cabling, removal and replacement of one gantry and works to one existing pylon. All substation works would be within existing operational land. • Section B (North west of York Area): Works would comprise: <ul style="list-style-type: none"> ○ reconductoring of 2.4km of the 400kV Norton to Osbalwick (2TW/YR) overhead line and replacement of one pylon on this overhead line; ○ the new 400kV YN overhead line (2.8km), north of the proposed Overton Substation; ○ the new Shipton North and South 400kV cable sealing end compounds (CSECs) and 230m of cabling to facilitate the connection of the new YN 400kV overhead line with the existing Norton to Osbalwick YR overhead line; ○ a new substation (Overton 400kV/275kV Substation)

approximately 1km south of Shipton by Beningbrough;

- two new sections of 275kV overhead line which would connect into Overton Substation from the south (the 2.1km XC overhead line to the south-west and the 1.5km SP overhead line to the south-east);
- works to 5km of the existing XCP Poppleton to Monk Fryston overhead line between Moor Monkton in the west and Skelton in the east comprising a mixture of decommissioning, replacement and realignment. To the south and south-east of Moor Monkton the existing overhead line would be realigned up to 230m south from the current overhead line and the closest pylon to Moor Monkton (340m south-east) would be permanently removed. A 2.35km section of this existing overhead line would be permanently removed between the East Coast Mainline (ECML) Railway and Woodhouse Farm to the north of Overton.
- Section C (Moor Monkton to Tadcaster): Works proposed to the existing 275kV Poppleton to Monk Fryston (XC) overhead line comprise replacing existing overhead line conductors, replacement of pylon fittings, strengthening of steelwork and works to pylon foundations.
- Section D (Tadcaster Area): Two new CSECs (Tadcaster East and West 275kV CSECs) and approximately 350m of cable would be installed approximately 3km south-west of Tadcaster and north-east of the A64/A659 junction where two existing overhead lines meet. One pylon on the existing 275kV Tadcaster Tee to Knaresborough (XD) overhead line would be replaced.
- Section E (Tadcaster to Monk Fryston): Works proposed to the existing 275kV Poppleton to Monk Fryston (XC) overhead line would comprise replacing existing overhead line conductors, replacement of pylon fittings, strengthening of steelwork and works to pylon foundations.
- Section F (Monk Fryston Area): A new substation would be constructed to the east of the existing Monk Fryston Substation which is located approximately 2km south-west of the village of Monk Fryston and located off Rawfield Lane, south of the A63. A 1.45km section of the 275kV Poppleton to Monk Fryston (XC) overhead line to the west of the existing Monk Fryston Substation and south of Pollums House Farm would be realigned to connect to the proposed Monk Fryston Substation. East of the existing Monk Fryston Substation the existing 4YS 400kV Monk Fryston to Eggborough overhead line, which currently connects to the existing substation, would be reconfigured to connect to the proposed Monk Fryston Substation.

Construction is expected to take 4.5 years (2024 to 2028).

Seven locations are considered for construction compounds within

	<p>the Order Limits. For further information on construction activities please refer to ES Chapter: Description of the Project (Volume 5, Document 5.2.3)</p>
<p>Location of Development (including existing use) and Geographical area</p>	<p>The Project is sited within Yorkshire, with the most northerly components approximately 1.5km north-east of the village of Shipton by Beningbrough and approximately 10km north-west of York city centre, and the most southerly components at Monk Fryston Substation, located to the east of the A1 and immediately south of the A63. The Project currently falls within six local authority boundaries: Hambleton District Council; City of York Council; Harrogate Borough Council; Selby District Council; Leeds City Council; and North Yorkshire County Council.</p> <p>The existing land uses comprise agricultural land and existing electricity infrastructure (overhead lines, Monk Fryston Substation, Osbaldwick Substation as per description above).</p> <p>Closest EEA state is France (approximately 245 miles south)</p> <p>No impacts on EEA states are expected.</p>
<p>Environmental Importance</p>	<p>There is a Locally Important Landscape Area, a non-statutory local landscape designation, within which the Tadcaster Area and Monk Fryston Substation Study Areas.</p> <p>The ES Study Area contains three Scheduled Monuments, two of which are medieval moated sites, at Nether Poppleton and Red House, with the third being a medieval manorial complex at Lead. The ES Study Area includes five Conservation Areas, at Osbaldwick, Murton, Skelton, Nether Poppleton and Upper Poppleton. There are a total of 76 Listed Buildings within the ES Study Area, including the Grade I listed Church of St Giles, Skelton, and Grade II* listed St Mary's Chapel, Lead. Two Registered Battlefields are located within the ES Study Area, at Marston Moor and Towton. There are no World Heritage Sites within the ES Study Area.</p> <p>There are no sites within the National Site Network or Sites of Special Scientific Interest (SSSIs) within the Order Limits. There are 44 non-statutory biodiversity sites of importance at the county level within 2km of the Order Limits. Of these, two sites are located fully or partially within the Order Limits, with a further five sites within approximately 100m.</p> <p>There are no sites within the National Site Network located within the 2km of the Order Limits. There is one Ramsar Site (the Lower Derwent Valley Ramsar Site) and one Special Protection Area (the Lower Derwent Valley SPA) within the 20km of the Order Limits. The River Derwent Special Area of Conservation also lies approximately 5.70km from the Order Limits. Likely Significant Effects for all three sites have been screened out (refer to the No Significant Effects Report: Habitats Regulations Screening Assessment, (Volume 6, Document 6.4)).</p> <p>There are no European Sites belonging to any other EEA states which could be potentially affected by the Project.</p>
<p>Potential impacts and</p>	<p>Potential impact pathways include transport of contaminants by air</p>

Carrier	(dust, and vehicle emissions, construction activities), land and water (rivers and groundwater), and disturbance to protected species (noise, vibration and emissions). However, no potential impact pathways by which another EEA State could be affected have been identified in the ES (refer to Environmental Statement, Chapters 6 to 18, Volume 5, Documents 5.2.6 to 5.2.18 and No Significant Effects Report: Habitats Regulations Screening Assessment, (Volume 6, Document 6.4))
Extent	The likely geographical extent of the impact comprises the Order Limits (Project boundary) and Study Areas as identified in the ES (Environmental Statement, Chapters 6 to 18, Volume 5, Documents 5.2.6 to 5.2.18). No significant effects are expected for receptors beyond 2km of the Project. The size of the local population within these areas is limited to individual scattered residential properties and local villages and settlements in the surrounding area.
Magnitude	No impacts identified which would be likely to have significant effects on the environment in another EEA State.
Probability	No impacts identified which would be likely to have significant effects on the environment in another EEA State.
Duration	No impacts identified which would be likely to have significant effects on the environment in another EEA State.
Frequency	No impacts identified which would be likely to have significant effects on the environment in another EEA State.
Reversibility	No impacts identified which would be likely to have significant effects on the environment in another EEA State.
Cumulative impacts	Other developments considered in the cumulative effects assessment are outlined in Chapter 18: Cumulative Effects (Volume 5, Document 5.2.18) . Also refer to the No Significant Effects Report: Habitats Regulations Screening Assessment, (Volume 6, Document 6.4) . No cumulative impacts identified which would be likely to have significant effects on the environment in another EEA State.
<p><u>Transboundary screening undertaken by the Inspectorate on behalf of the SoS</u></p> <p>Under Regulation 32 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the EIA Regulations) and on the basis of the current information available from the Applicant, the Inspectorate is of the view that the Proposed Development is not likely to have a significant effect on the environment in an EEA State.</p> <p>In reaching this view the Inspectorate has applied the precautionary approach (as explained in its Advice Note Twelve: Transboundary Impacts), and taken into account the information currently supplied by the Applicant.</p> <p><u>Action:</u></p> <p>No further action required</p> <p>Date: 24 October 2022</p>	

Note: The SoS' duty under Regulation 32 of the EIA Regulations continues throughout the application process.

Note:

The Inspectorate's screening of transboundary issues is based on the relevant considerations specified in the Annex to its Advice Note Twelve, available on our website at <http://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/>

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