



# Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.2 ES Figure 12-17:  
Barrier Viewshed –  
Cumulative Overhead  
Line Development

APFP Regulation 5(2)(a)

Infrastructure Planning (Applications:  
Prescribed Forms and Procedure)  
Regulations 2009

March 2026

**NOTES:**

1. The Zone of Theoretical Visibility (ZTV) is based upon points along the external boundary of the following cumulative schemes:

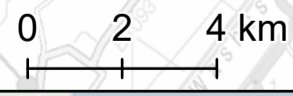
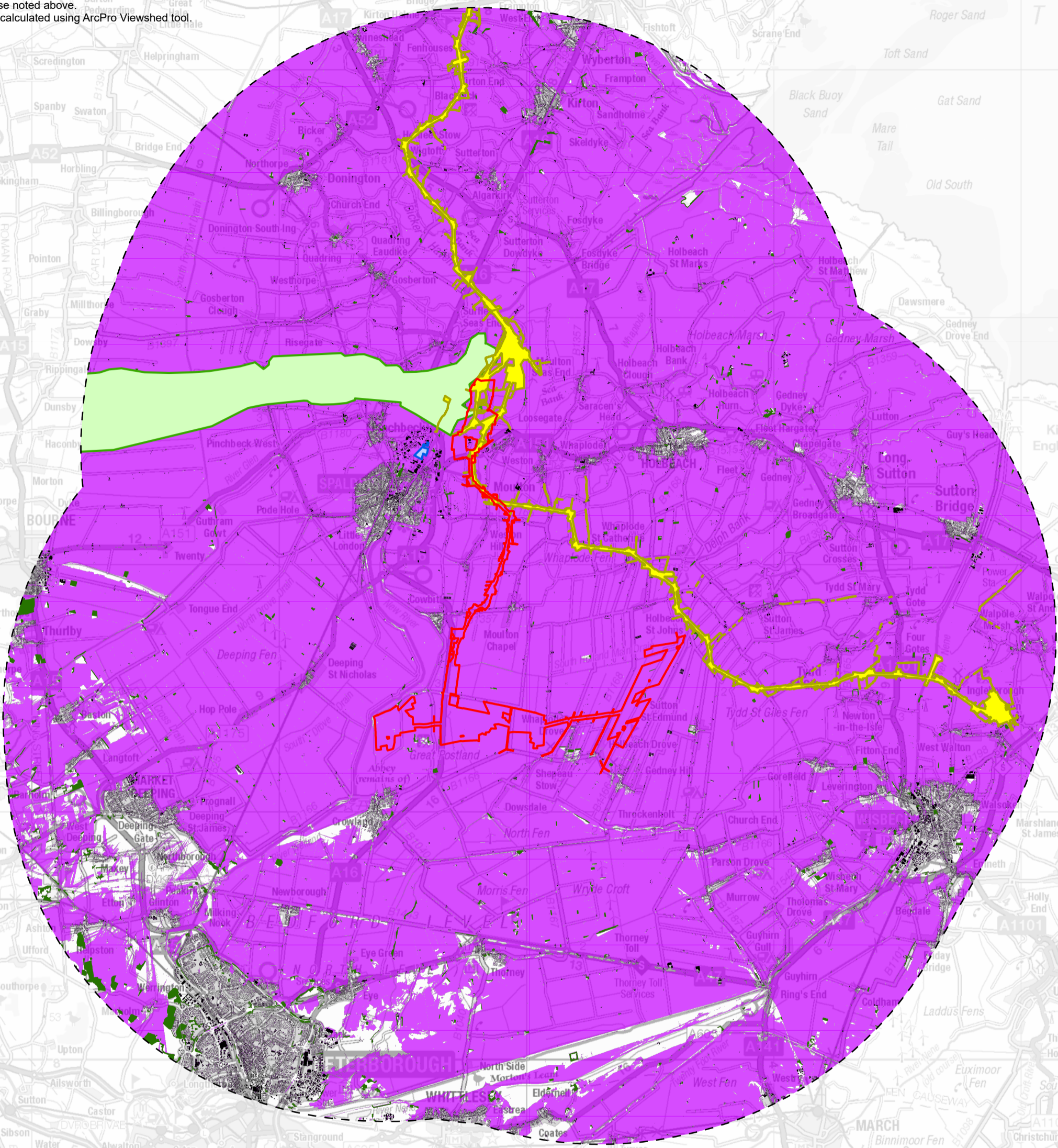
- Grimsby to Walpole, with an anticipated height of 66m.
- Weston Marsh to East Leicestershire, with an anticipated height of 66m.
- Spalding Energy Expansion, with an anticipated height of 85m.

An observer height of 1.6m has been assumed along all OHL Development cumulative schemes.

2. The ZTV has been generated using Environment Agency Digital Terrain Model (DTM) with a 2m resolution. To provide evidence of theoretical screening, two additional databases have been included: OS Open Data with assumed height for buildings of 8m; and the Forestry Commission National Forestry Inventory (2025) and Ancient Woodland, with an assumed height of 12m.

3. The ZTV has been produced in order to inform 'on the ground' visual assessment and does not include effects of screening derived from hedgerows or trees not included within the woodland database noted above.

4. ZTV calculated using ArcPro Viewshed tool.



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**Project Title**  
Meridian Solar Farm

**Map Title**  
Environmental Statement  
Figure 12-17: Barrier Viewshed -  
Cumulative Overhead  
Line Developments

|           |         |       |          |
|-----------|---------|-------|----------|
| Scale     | Version | Drawn | Reviewed |
| 1:160,000 | 1.0     | LL    | AK       |

**Legend**

- Order Limits
- Order Limits - 15km Buffer
- Grimsby to Walpole
- Spalding Energy Expansion
- Weston Marsh to East Leicestershire
- Woodland
- Building

**Barrier Viewshed for the Overhead Line Developments**

- Visible
- Not Visible

Date: 20/03/2026

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Contains data from OS Zoomstack, Contains OS data © Crown copyright 2025. Reproduced from Ordnance Survey digital map data © Crown copyright 2025. All rights reserved. Licence number AC0000808122. Cumulative scheme boundaries are indicative only digitised indicatively by AECOM based on publicly available information. Grimsby to Walpole boundary provided by National Grid.

