



# Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.2 ES Figure 12-11: Bare  
Earth Viewshed –  
Combined Full Scheme

APFP Regulation 5(2)(a)

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

March 2026

**NOTES:**

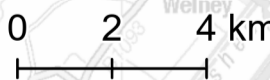
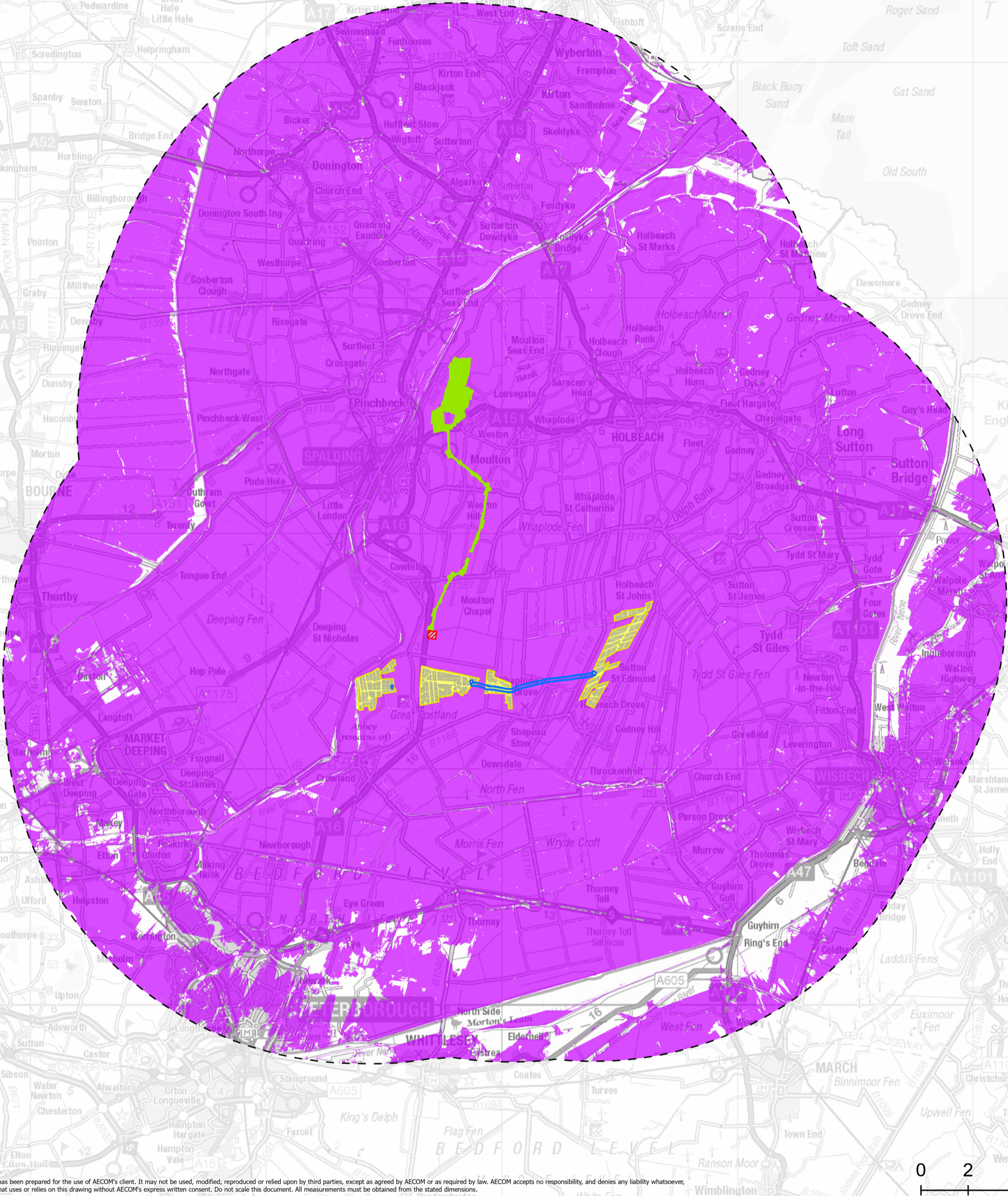
1. The Zone of Theoretical Visibility (ZTV) is based upon the following points:

- Along the external boundary to the Solar PV Modules Area, with an anticipated panel height of 4.3m and an observer height of 1.6m. It does not reflect all theoretical visibility arising from panels located within the external solar panel boundary.
- Along the external boundary to the BESS and Substations, with an anticipated height of 16m and an observer height of 1.6m.
- Along the external boundary to the Inter Array (Overground), with an anticipated height of 15m and an observer height of 1.6m.
- Along the external boundary of the works areas where the Grid Connection Overhead Line may be located, with an anticipated height of 66m and an observer height of 1.6m.

2. The ZTV has been generated using Environment Agency Digital Terrain Model (DTM) with a 2m resolution.

3. The ZTV has been produced in order to inform 'on the ground' visual assessment and is based on a 'bare earth' model that does not include effects of screening derived from buildings or vegetation.

4. ZTV calculated using ArcPro Viewshed tool.



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<b>Project Title</b> Meridian Solar Farm			
<b>Map Title</b> Environmental Statement Figure 12-11: Bare Earth Viewshed - Combined for Full Scheme			
<b>Scale</b> 1:160,000	<b>Version</b> 0	<b>Drawn</b> LL	<b>Reviewed</b> DH

**Legend**

- Solar PV Modules
- Solar PV Area Outline
- 400kV Substation and BESS Compound
- 132kV Substation
- Inter-Array Connections Overhead Line (OHL)
- Grid Connection Route
- Combined Buffers

**Bare Earth Viewshed for the Combined Full Scheme**

- Visible
- Not Visible

**Date:** 20/03/2026

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