



Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.2 ES Figure 12-13:
Barrier Viewshed – BESS
and On-Site Substation
Compound

APFP Regulation 5(2)(a)

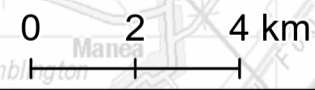
Infrastructure Planning (Applications:
Prescribed Forms and Procedure)
Regulations 2009

March 2026

- NOTES:
1. The Zone of Theoretical Visibility (ZTV) is based upon points along the external boundary of the BESS and Substations, with an anticipated height of 16m and an observer height of 1.6m.
 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 12-13: Barrier Viewshed - BESS and On-Site Substation Compounds			
Scale	Version	Drawn	Reviewed
1:145,000	0	LL	DH

	400kV Substation and BESS Compound
	132kV Substation
	BESS and Substations - 15km Buffer
	Woodland
	Building
Barrier Viewshed for BESS and Substations	
	Visible
	Not Visible

Date: 20/03/2026

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