

# Proposed Electricity Substation and Overhead Lines Works at Weston Marsh

Landscape and Visual Appraisal Part 3 of 4

June 2026

# Proposed Electricity Substation and Overhead Lines Works at Weston Marsh

## Document control

Document Properties			
<b>Organisation</b>	Gillespies LLP		
<b>Approved by</b>	National Grid		
<b>Title</b>	Landscape and Visual Appraisal		
<b>Document Register ID</b>	GWNC-GIL-SS50-XXXXXX-RPT-ES-000001		
<b>Data Classification</b>	Public		

Version History			
Date	Version	Status	Description / Changes
May 2026	1.0	Final	First Issue
June 2026	2.0	Final	Second Issue - minor update to cross references

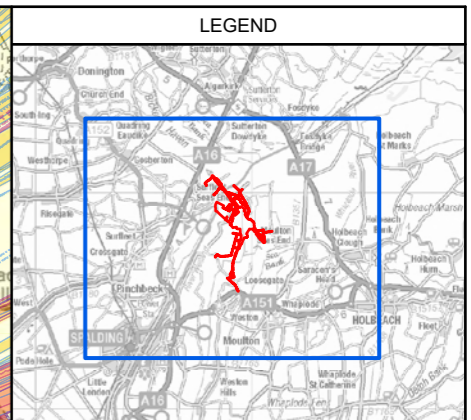
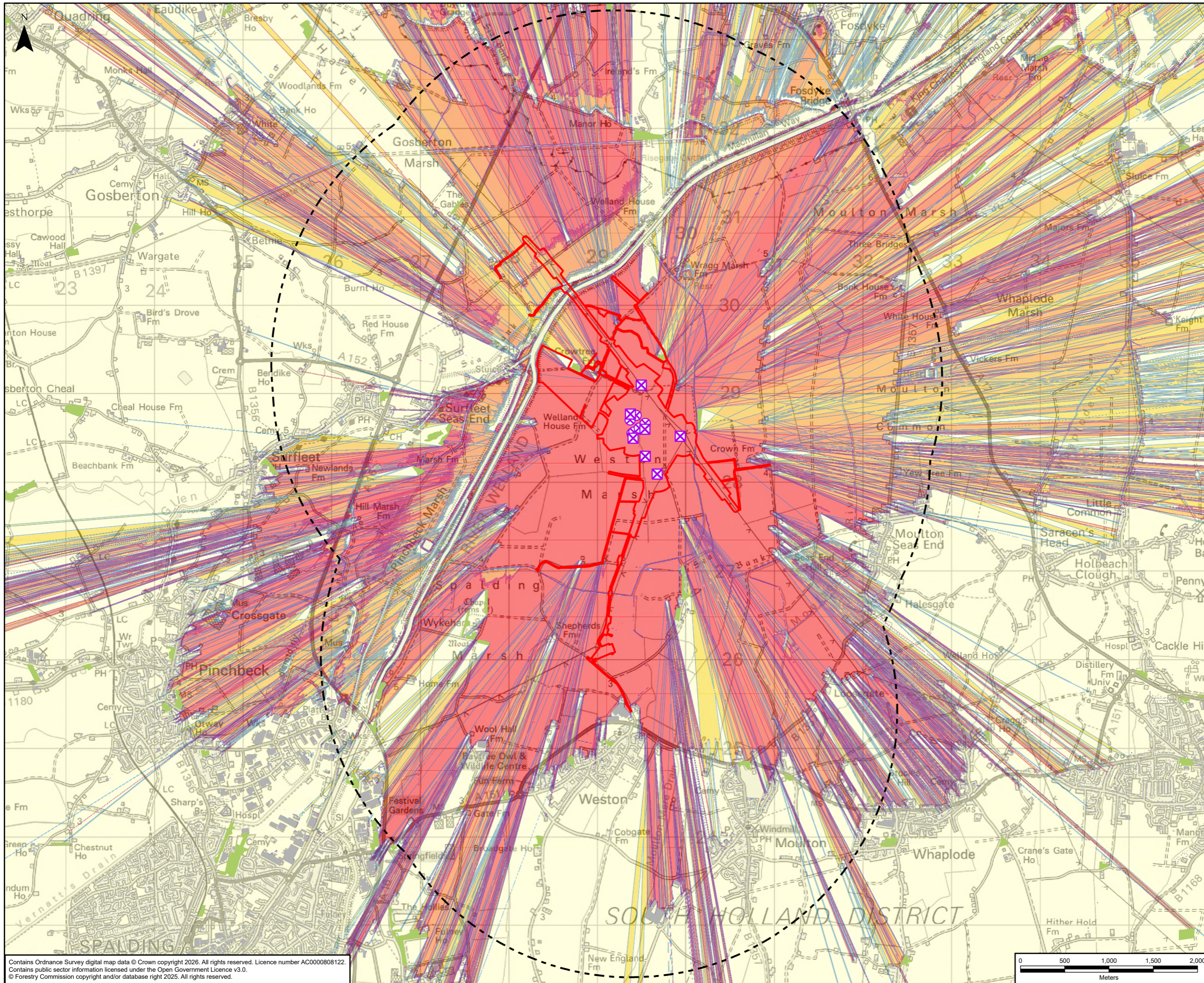
# Contents

---

<b>1.</b>	<b>Introduction</b>	<b>1</b>
1.2	Summary of the Scheme	1
1.3	Purpose of this Appraisal	2
1.4	Structure	2
<b>2.</b>	<b>Legislative and Policy Framework</b>	<b>4</b>
2.1	Legislation and National Policy	4
	European Landscape Convention	4
	Electricity Act 1989	4
	National Planning Policy Framework	4
	Overarching National Policy Statement for Energy (EN-1)	5
	National Policy Statement for Electricity Networks Infrastructure (EN-5)	5
2.2	Regional and Local Policy	5
<b>3.</b>	<b>Methodology</b>	<b>6</b>
3.1	Scope of the Assessment	6
3.2	Study Area	6
3.3	Data Collection	7
	Desk Study	7
	Site Survey	7
3.4	Assessment Approach	7
3.5	Assumptions and Limitations	8
<b>4.</b>	<b>Baseline</b>	<b>9</b>
4.1	Landscape	9
	Landscape Designations	9
	Landscape Character	9
4.2	Visual	11
	Communities	11
	Recreational Routes and Receptors	12
<b>5.</b>	<b>Impacts and Mitigation</b>	<b>14</b>
5.1	Sources of Impact	14
5.2	Mitigation	15
	Design Mitigation Measures	15
	Control Mitigation Measures	15
	Additional Mitigation Measures	16
5.3	Appraisal of Effects	16
	Landscape Character	17

	Visual	19
<b>6.</b>	<b>Summary</b>	<b>26</b>
<hr/>		
Table 1.1	Components of the Scheme	1
Table 6.1	Summary of effects of Substation Works	26
Table 6.2	Summary of effects of S37 Overhead Line Works	26
Table A.1	Indicators of landscape value	A-4
Table A.2	Indicators of landscape receptor susceptibility	A-7
Table A.3	Indicators of view value	A-8
Table A.4	Indicators of visual receptor susceptibility	A-9
Table A.5	Indicators of magnitude of landscape and visual change	A-12
Table A.6	Categories and indicators of level of effect	A-14
<hr/>		
	References	28
	Appendix References	A-17
<hr/>		
Figure 1	Scheme Site Boundary	31
Figure 2	Landscape Designations and Features	33
Figure 3	Landform and Drainage	35
Figure 4	National Character Areas	37
Figure 5	Regional and Local Landscape Character Area	39
Figure 6	Visual Receptors and Viewpoints	41
Figure 7	Zone of Theoretical Visibility	43
<hr/>		
Appendix A	Landscape and Visual Appraisal Methodology	
Appendix B	Viewpoint Assessment	
<hr/>		

# Figure 7 Zone of Theoretical Visibility



**LEGEND**

- Scheme Site Boundary
- Substation Works Site Boundary - 3km Study Area
- ⊗ Indicative New Gantry (Included in ZTV)
- ⊗ Indicative New Pylon (Included in ZTV)
- Existing Building - 8m Height
- National Forest Inventory Woodland - 15m Height
- Zone of Theoretical Visibility - Gantries Visible
- Zone of Theoretical Visibility - Towers Visible

**Zone of Theoretical Visibility - Number of Towers Visible**

0
0.001 - 1
1.001 - 3
3.001 - 5
5.001 - 7
7.001 - 9
9.001 - 11
11.001 - 13

**ZTV Note:**  
 Zone of Theoretical Visibility (ZTV) has been generated using EA Lidar 2m digital terrain model (DTM) which does not take into account the screening effects of vegetation, buildings or other structures. This has been resampled to 5m. Existing Buildings have been incorporated into the DTM from OS OpenMap Local with an assumed height of 8m. Woodland from National Forest Inventory has been incorporated into the DTM with an assumed height of 15m. ZTV is based upon a point at each Indicative Tower and Gantry Location at designed heights, with an observer eye height of 1.6m. Visual banding is due to view of each tower/gantry being limited to 10km. All heights mentioned above are above ground level (AGL) unless otherwise specified.

A	05/05/2026	First Issue	MM	DF	HJ
Rev	Date	Description	GIS	Chk	App

**nationalgrid**

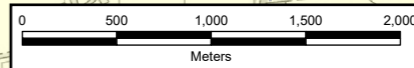
Purpose: LANDSCAPE AND VISUAL

Scheme: PROPOSED ELECTRICITY SUBSTATION AND OVERHEAD LINE WORKS AT WESTON MARSH

Document Title: FIGURE 7 ZONE OF THEORETICAL VISIBILITY

Creator: MM	Date: 05/05/2026	Checker: DF	Date: 05/05/2026	Approver: HJ	Date: 05/05/2026
Document Type: FIGURE	Scale: 1:40,000	Format: A3	Sheets: 1 OF 1	Rev: A	

Contains Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122. Contains public sector information licensed under the Open Government Licence v3.0. © Forestry Commission copyright and/or database right 2025. All rights reserved.



National Grid plc  
National Grid House,  
Warwick Technology Park,  
Gallows Hill, Warwick.  
CV34 6DA United Kingdom

Registered in England and Wales  
No. 4031152  
[nationalgrid.com](http://nationalgrid.com)