THE DROVES
SOLAR FARM

The Droves Solar Farm

Figure 6.12: PM6, PM8, PM12 and PM14 Parameter Based Winter Photowires (Part C)

Prepared by: LDA Design
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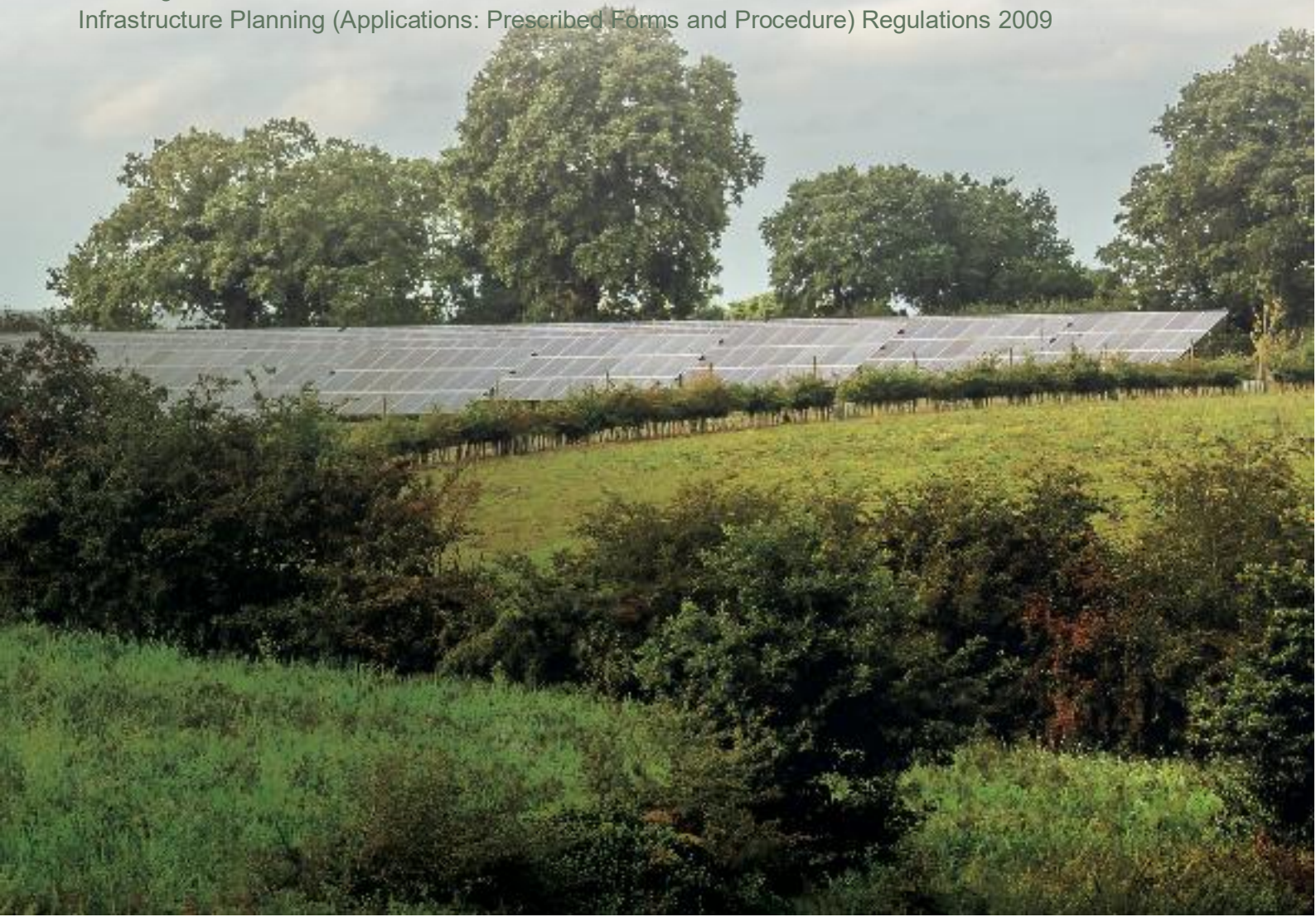
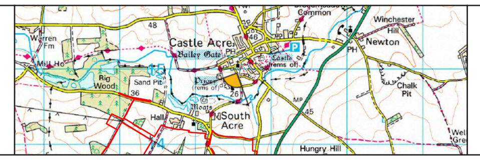
APFP Regulation Reg 5(2)(a)
Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



Existing Photograph

LDĀDESIGN

Camera Location (OS Grid Reference):	581543 E 314960 N
Ground Level (mAOD):	42m
Direction of View: bearing from North (0°):	205°
Distance to Site:	844m
Horizontal Field of View:	90° (Cylindrical projection)
Paper Size:	841mm x 297mm (Half A1)
Enlargement Factor:	96%
Visualisation Type:	Type 1 (for context)
Photo Date / Time:	30/01/2025 10:40
Camera Model and Sensor Format:	Canon EOS 6D, FFS
Lens Make, Model and Focal Length:	Canon EF50mm f/1.8 STM
Height of Camera Lens above Ground (mAOD):	1.5m



PROJECT TITLE
THE DROVES SOLAR FARM
DOCUMENT
6.3 Environmental Statement Volume 3
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Reg 5(2)(a). PINS Ref. EN0110013.

DRAWING TITLE
ES Figure 6.12 Viewpoint 12 - Castle Acre Priory, Castle Acre

REVISION P0, DCO Submission DRN JB CHK OWh/MB APP RP
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Note 1: The 3D wireline blocks demonstrate the scale and siting of the maximum development parameters, without the screening effects of new mitigation planting.
Note 2: The exact siting of the larger infrastructure, such as the Customer Substation, National Grid Substation and Grid Connection Infrastructure will be defined at the detailed design stage. These Photowire visualisations have been modelled to show the full extent of the Works Areas as shown on the Works Plans [App 2.3]

Note 3: Solar PV Array development has been modelled at 4.5m high, which assumes all Solar PV Array development as being Single Axis Trackers at maximum inclination, to demonstrate the worst-case scenario. In reality, the Single Axis Trackers Solar PV Array would likely vary in height throughout the day as the sun moves above the Site and the inclination of Single Axis Trackers Solar PV Array reduces; therefore appearing less than 4.5m high.
Note 4: Grid Connection Infrastructure modelled at a maximum height parameter of 55m from ground level. Breaks in the parameter line are present where different areas of the parameter are visible within the Order Limits. This height parameter takes account for variations in existing topography and required ground levels for new electricity pylons. In reality, all new Grid Connection Infrastructure would likely be no higher than the existing 400kV overhead lines and pylons.

Wireline

LDĀDESIGN

Camera Location (OS Grid Reference):	581543 E 314960 N
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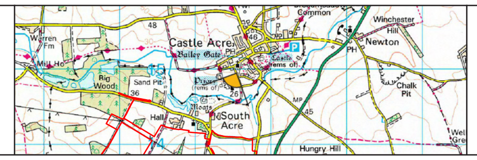
Direction of View: bearing from North (0°):	205°
Distance to Site:	844m
Horizontal Field of View:	90° (Cylindrical projection)
Paper Size:	841mm x 297mm (Half A1)
Enlargement Factor:	96%
Visualisation Type:	Type 3
Photo Date / Time:	30/01/2025 10:40
Camera Model and Sensor Format:	Canon EOS 6D, FFS
Lens Make, Model and Focal Length:	Canon EF50mm f/1.8 STM
Height of Camera Lens above Ground (mAOD):	1.5m

This wireframe is based upon LiDAR digital terrain data with spot heights at 1m resampled to 5m (which does not precisely model small scale changes in landform or sharp breaks in slope).

The three dimensional model of the development is based on 9485_0250_G_Concept_Masterplan.



LEGEND
- Maximum extent of siting zone for Solar PV Array (modelled at 4.5m high)
- Maximum extent of siting zone for BESS (modelled at 3.5m high)
- Maximum extent of siting zone for Customer Substation (modelled at 13m high)
- Maximum extent of siting zone for National Grid Substation (modelled at 13m high)
- - - Maximum extent of siting zone for Grid Connection Infrastructure (modelled at 55m high)

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