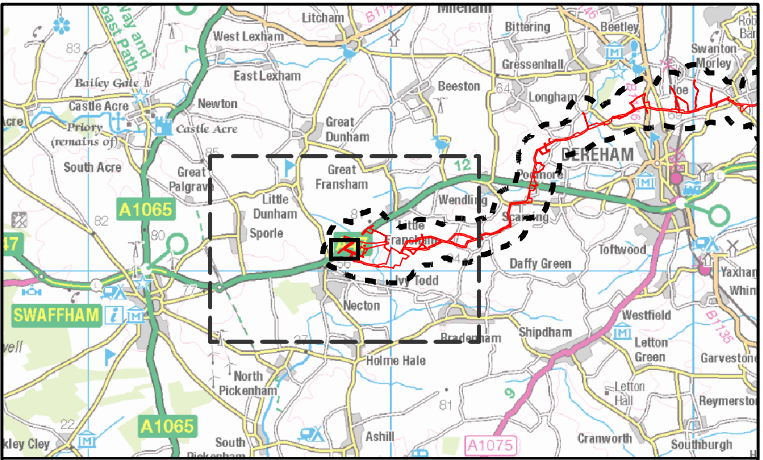


Viewpoint Location Plan Baseline Panorama (90 Degree View)
Scale: 1:25,000



Viewpoint Location Plan: 53.5 Degree View
Scale: 1:2,500

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend:

- Norfolk Vanguard onshore red line boundary
- Study area 500m
- Onshore project substation**
- Onshore project substation
- Norfolk Boreas**
- Norfolk Boreas onshore project substation
- Norfolk Boreas National Grid substation extension
- National Grid**
- National Grid substation extension
- National Grid new / replacement overhead line tower
- Existing substation locations**
- Existing Necton substation
- Necton National Grid substation
- Viewpoint**
- 90 degree field of view viewpoint
- 53.5 degree field of view viewpoint



Project:	Report:
Norfolk Vanguard	Environmental Statement

Title:

Viewpoint 4:
A47 Necton Substation

Figure: 29.16a	Drawing No: PB4476-004-029-016				
Revision:	Date:	Drawn:	Checked:	Size:	Scale:
04	15/05/2018	LA	JP	A3	Multiple
05	04/06/2018	LA	JP	A3	Multiple

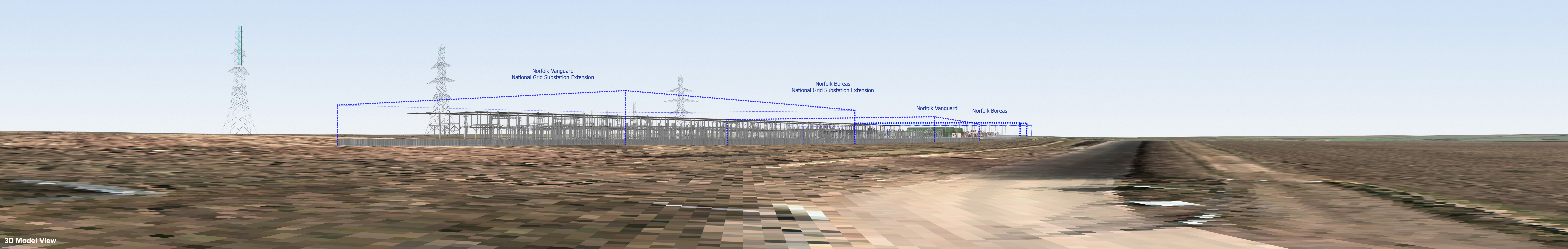
Co-ordinate system: British National Grid EPSG: 27700





Baseline photograph

This image provides landscape and visual context only



3D Model View

OS reference:	588461 E 310725 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II
Eye level:	72.7 m AOD	Principal viewing distance:	522 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	92°			Camera height:	1.5 m AGL
Nearest substation:	1.5 km			Date and time:	25/01/2018, 14:50:29

Figure: 29.16b
Viewpoint 4: Necton Substation Access



Photomontage of the proposed Norfolk Vanguard HVDC Substation and National Grid Substation Extension

View flat at a comfortable arm's length

OS reference:	588461 E 310725 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	72.7 m AOD	Principal viewing distance:	812.5 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	92°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Nearest substation:	1.5 km	Correct printed image size:	820 x 260 mm	Date and time:	25/01/2018, 14:50:29

Figure: 29.16c
Viewpoint 4: Necton Substation Access



Photomontage of the proposed Norfolk Vanguard HVDC Substation and National Grid Substation Extension with mitigation planting

View flat at a comfortable arm's length

OS reference:	588461 E 310725 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	72.7 m AOD	Principal viewing distance:	812.5 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	92°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Nearest substation:	1.5 km	Correct printed image size:	820 x 260 mm	Date and time:	25/01/2018, 14:50:29

Figure: 29.16d
Viewpoint 4: Necton Substation Access



Photomontage of the proposed Norfolk Vanguard and Norfolk Boreas HVDC Substations with the National Grid Substation Extension

View flat at a comfortable arm's length

OS reference:	588461 E 310725 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	72.7 m AOD	Principal viewing distance:	812.5 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	92°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Nearest substation:	1.5 km	Correct printed image size:	820 x 260 mm	Date and time:	25/01/2018, 14:50:29

Figure: 29.16e
Viewpoint 4: Necton Substation Access



Photomontage of the proposed Norfolk Vanguard and Norfolk Boreas HVDC Substations with the National Grid Substation Extension and mitigation planting

View flat at a comfortable arm's length

OS reference:	588461 E 310725 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	72.7 m AOD	Principal viewing distance:	812.5 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	92°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Nearest substation:	1.5 km	Correct printed image size:	820 x 260 mm	Date and time:	25/01/2018, 14:50:29

Figure: 29.16f
Viewpoint 4: Necton Substation Access