

Environmental Statement Photomontages Historic Environment

Hinkley Point C Connection Project

*Regulation 5(2)(a) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*



Environmental Statement

Hinkley Point C Connection Project

5.18.3 – Photomontages-Historic Environment

Figure	Title
18.3.1	VPA2 on completion and after 15 years
18.3.2	VPC16 during operation
18.3.3	VPD26 during operation
18.3.4	VPD27 during operation
18.3.5	VPE11 preferred route Option A and alternative route Option B during operation



Existing view

Existing view from Horsey Lane in Horsey near Board's Farm, looking north towards the VQ Route visible above trees beyond Manor Farm with Puriton Ridge in the background and Horsey deserted medieval village (Scheduled Monument asset ID SM45) in the foreground (Section A)



Anticipated view on completion

Anticipated view of the 400kV overhead line supported by T-pylons across Horsey Level and on Puriton Ridge. The view includes the proposed Bridgwater Tee connection VQ Route steel lattice pylons and associated cable sealing end compounds including mitigation planting on completion. Mitigation planting is not visible due to screening by existing trees



Anticipated view during operation after 15 years

Anticipated view of the 400kV overhead line supported by T-pylons across Horsey Level and on Puriton Ridge. The view includes the proposed Bridgwater Tee connection VQ Route steel lattice pylons and associated cable sealing end compounds during operation, including mitigation planting after 15 years. Mitigation planting is barely perceptible above existing trees

Viewing Information

This is a composite image made up of 3 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 79.91 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(a) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

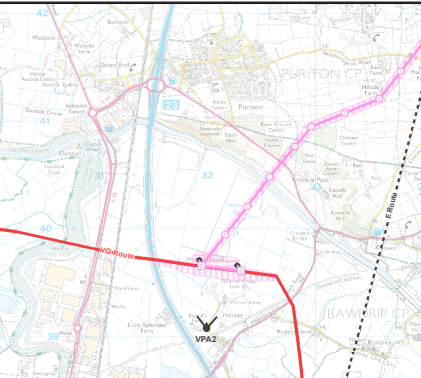

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Steel lattice pylon

- Frame - grey steel material
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 04/03/2013 Lens type:50mm (digital full frame camera)					
Distance to Bridgwater Tee cable sealing end compound boundary: 590m Distance to the nearest proposed T-pylon: 891m OS reference of viewpoint: X= 331989.516 Y= 139069.113					
Direction of view: 1.59 ⁰ (north) Viewpoint height: 5.925m AOD					
Horizontal field of view: 79.91 ⁰ Viewing distance approx 300mm at A1					
					
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A	07/03/2014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.3 VERIFIED PHOTOMONTAGE VIEWPOINT VPA2					
 <small>National Grid plc, Newark Technology Park, Grimsby-GB, Newark, CO10 6BA</small>					
NG INVESTMENT No.		APPLICATION No.		IN A1	
20897		EN020001			
FIGURE No.		DRAWING No.		SCALE NTS	
18.3.1		IN1979.003A			
SHEET 1 OF 1				ISSUE A	



Existing view
Existing view from PRoW AX21/5 on rising ground north of Christon, from within Christon shrunken medieval village Scheduled Monument (asset ID SM166) looking south towards the F Route, parallel to the M5 motorway across fields on lower ground below Crook Peak in Section C and running through Loxton Gap and across the Somerset Levels and Moors in Section B. The view includes the Grade I Listed Parish Church of St Mary (asset ID LB60) in Christon (Section C)



Anticipated view during operation
Anticipated view of the 400kV underground cables route and removal of the F Route in the Mendip Hills AONB in Section C, and of the 400kV overhead line supported by T-pylons and the South of Mendip Hills cable sealing end compound in Section B, barely perceptible during operation (with two trees removed)

Viewing Information

This is a composite image made up of 3 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 79.98 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(a) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 04/04/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest section of 400kV underground cable route: 1228m Distance to South of Mendip Hills cable sealing end compound: 3150m Distance to the nearest proposed T-pylon: 3364m OS reference of viewpoint: X= 337929.516 Y= 157620.519					
Direction of view: 173.15 ^o (south east) Viewpoint height: 79.677m AOD					
Horizontal field of view: 79.98 ^o Viewing distance approx 300mm at A1					
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A	07/03/2014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.3 VERIFIED PHOTOMONTAGE VIEWPOINT VPC16					
National Grid plc, National Technology Park, Glenworth Rd, Newark, CO10 0BA					
NG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.3.2	IN1979.005A				NTS
SHEET 1 OF 1					ISSUE
					A



Existing view
Existing view from PRoW AX24/8 south of Grade I listed St Saviour's Parish Church, Puxton (asset ID LB66), looking south across fields towards the AT Route with the F Route just visible in the distance above trees (Section D)



Anticipated view during operation
Anticipated view of the proposed AT Route connection supported by steel lattice pylons and the proposed 400kV overhead line supported by T-pylons just visible in the distance above trees during operation, with the F Route and a section of the AT Route removed

Viewing Information

This is a composite image made up of 6 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 139.8 degrees. This image should only be assessed in the real landscape from the same viewpoint.

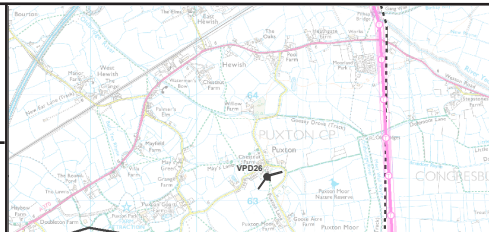

When not in the real landscape in order to provide an accurate representation

images should be viewed with one eye by panning accross a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

‘This document relates to paragraph 5(2)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009’

Light Detection and Ranging (LIDAR) level data typically at 40 points per/ m2 and also data at 1m and 2m intervals was used for topographical information.

- T-pylon**
- Frame - light grey composite material, circular shape
 - Insulator - light blue/grey composite material
 - Twin conductor bundle
- Steel lattice pylon**
- Frame - grey steel material
 - Insulator - light blue/grey composite material
 - Twin conductor bundle

Date of photograph: 12/12/2013 Lens type:50mm (digital full frame camera)	 <small>© Crown copyright. All rights reserved. 2014 Ordnance Survey 1000319873.</small>	Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.3 VERIFIED PHOTOMONTAGE VIEWPOINT VPD26												
Distance to the nearest proposed lattice pylon on AT Route: 762m Distance to the nearest proposed T-pylon: 1145m OS reference of viewpoint: X= 340659.75 Y= 163229.21		 <small>National Grid plc, Newcastle Technology Park, Gateshead, Tyne and Wear, CE12 8JN</small>												
Direction of view: 144.23° (south east) Viewpoint height: 7.340m AOD		NG INVESTMENT No. 20897	APPLICATION No. EN020001 IN A1											
Horizontal field of view: 139.8° Viewing distance approx 300mm at A1		FIGURE No. 18.3.3	DRAWING No. IN1979.004A SCALE NTS											
<table><tr><td>A</td><td>07/05/14</td><td>DCO Submission</td><td>LG</td><td>NH</td><td>NH</td></tr><tr><td>ISSUE</td><td>DATE</td><td>COMMENTS</td><td>DRAW</td><td>CHK'D</td><td>APP'D</td></tr></table>		A	07/05/14	DCO Submission	LG	NH	NH	ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D	SHEET 1 OF 1 ISSUE A
A	07/05/14	DCO Submission	LG	NH	NH									
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D									



Existing view

Existing view from adjacent to the B3133 Kenn Road, southwest of the Grade II* Church of John the Evangelist, Kenn (asset ID LB330), looking east across fields towards the F Route barely perceptible in the distance above trees



Anticipated view during operation

Anticipated view of the proposed 400kV overhead line supported by T-pylons barely perceptible in the distance above trees during operation, with the F Route removed

Viewing Information

This is a composite image made up of 4 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 99.6 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(a) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

- Frame - light grey composite material, circular shape
- Insulator - light blue/grey composite material
- Twin conductor bundle

Date of photograph: 12/12/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed T-pylon: 1091m OS reference of viewpoint: X= 341588.20 Y= 168861.69					
Direction of view: 91.57 ⁰ (east) Viewpoint height: 8.140m AOD					
Horizontal field of view: 99.6 ⁰ Viewing distance approx 300mm at A1					
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A	07030014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.3 VERIFIED PHOTOMONTAGE VIEWPOINT VPD27					
National Grid plc, National Grid Energy Services Ltd, 100 Broad Street, London, EC2M 2EE					
NG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.3.4	IN1979.006A				NTS
SHEET 1 OF 1					ISSUE
					A



Existing view
Existing view from Church Lane in Portbury, looking north along the lane towards Grade I listed Church of St Mary, Portbury (asset ID LB129) and the M5 motorway (Section E)



Anticipated view of preferred route (Option A) during operation
Anticipated view of the proposed 400kV overhead line supported by T-pylons (obscured from view by existing vegetation) and steel lattice pylons, visible above trees adjacent to the M5 motorway during operation



Anticipated view of alternative route (Option B) during operation
Anticipated view of the proposed 400kV overhead line supported by T-pylons, barely perceptible in the distance during operation

Viewing Information

This is a composite image made up of 5 No. 50mm photographs joined together horizontally to form an overall field of view which is wider than that seen in detail by the human eye.

For correct perspective viewing, this image must be viewed at an exact distance of 300mm with one eye whilst curving the image in an exact arc of 119.6 degrees. This image should only be assessed in the real landscape from the same viewpoint.

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'This document relates to paragraph 5(2)(a) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

- T-pylon**
- Frame - light grey composite material, circular shape
 - Insulator - light blue/grey composite material
 - Twin conductor bundle

- Steel lattice pylon**
- Frame - grey steel material
 - Insulator - light blue/grey composite material
 - Twin conductor bundle

Date of photograph: 12/12/2013

Lens type:50mm (digital full frame camera)

Distance to the nearest T-pylon on preferred route (Option A): 490m

Distance to the nearest T-pylon on alternative route (Option B): 1320m

OS reference of viewpoint:

X= 350221.86 Y= 175317.27

Direction of view: 6.3° (north)

Viewpoint height: 17.34m AOD

Horizontal field of view: 119.6°

Viewing distance approx 300mm at A1

A	11/03/2014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD

Title

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)

ENVIRONMENTAL STATEMENT

VOLUME 5.18.3

VERIFIED PHOTOMONTAGE

VIEWPOINT VPE11

National Grid plc, Research Technology Park, Station Hill, Croydon, CRO4 9DA.

NG INVESTMENT No.	APPLICATION No.	IN
20897	EN020001	
FIGURE No.	DRAWING No.	SCALE
18.3.5	IN1979.007A	NTS
SHEET 1 OF 1		ISSUE
		A