

Environmental Statement Photomontages 53 to 57

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

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Existing view
Existing view from PRoW AX29/28 between Yarberry and Barton looking southwest to southeast along the F Route towards Loxton Gap and Barton (Section C)



Anticipated view during operation
Anticipated view of the 400kV underground cables route during operation with the F Route removed

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 119.39 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)(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.

Date of photograph: 05/04/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest section of 400kV underground cable route: 369m OS reference of viewpoint: X= 339146.608 Y= 157454.856					
Direction of view: 193.27 ^o (south) Viewpoint height: 9.698m AOD					
Horizontal field of view: 119.39 ^o Viewing distance approx 300mm at A1					
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A	0703014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2 VERIFIED PHOTOMONTAGE VIEWPOINT VPC14					
 <small>National Grid plc, National Technology Park, Warrington, Cheshire, Warrington, CH1 9ST</small>					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.53	IN1979.005A				NTS
SHEET 1 OF 1					ISSUE
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Existing winter view
Existing view from the Strawberry Line long distance route and National Cycle Route 26 on Droveway Bridge looking west towards the F Route and N Route



Anticipated winter view on completion
Anticipated view of the Sandford Substation and the N Route connection on wood poles, including mitigation planting on completion (with the F Route, part of the N Route, six trees and two hedgerows permanently removed)



Anticipated winter view during operation after 15 years
Anticipated view of the Sandford Substation and the N Route connection on wood poles during operation, including mitigation planting after 15 years (with the F Route, part of the N Route, six trees and two hedgerows permanently 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 99.43 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)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

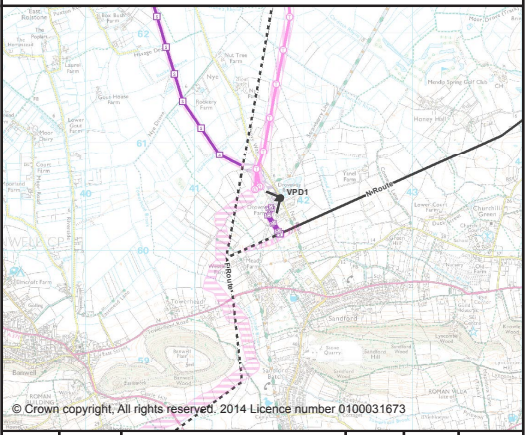

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

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: 27/03/2013 Lens type:50mm (digital full frame camera)					
Distance to Sandford Substation boundary: 73m OS reference of viewpoint: X= 341785.029 Y= 160481.998					
Direction of view: 243.07 ^o (south west) Viewpoint height: 21.725m AOD					
Horizontal field of view: 99.43 ^o Viewing distance approx 300mm at A1					
					
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A	27/03/2014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title					
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2					
VERIFIED PHOTOMONTAGE VIEWPOINT VPD1 WINTER VIEW					
					
National Grid plc, Energy Technology Park, Glenfield Rd, Leicester, LE3 7GB					
NSG INVESTMENT No.	APPLICATION No.			IN	
20897	EN020001			A1	
FIGURE No.	DRAWING No.			SCALE	
18.2.54	IN1979.006A			NTS	
SHEET 1 OF 1					ISSUE
					A



Existing summer view
Existing view from the Strawberry Line long distance route and National Cycle Route 26 on Droveway Bridge looking west towards the F Route and N Route



Anticipated summer view on completion
Anticipated view of the Sandford Substation and the N Route connection on wood poles, including mitigation planting on completion (with the F Route, part of the N Route, six trees and two hedgerows permanently removed)



Anticipated view during operation after 15 years
Anticipated view of the Sandford Substation and the N Route connection on wood poles during operation, including mitigation planting after 15 years (with the F Route, part of the N Route, six trees and two hedgerows permanently 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 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)(q) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009'

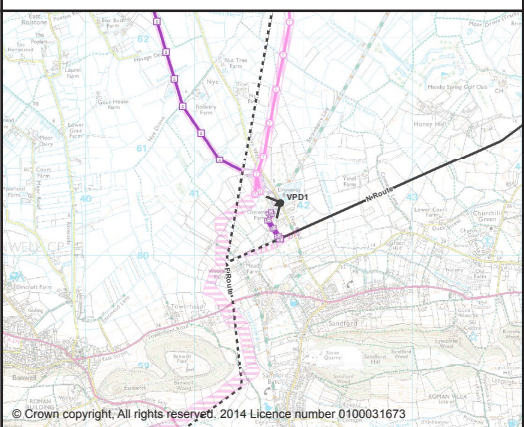

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

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: 18/09/2013 Lens type:50mm (digital full frame camera)					
Distance to Sandford Substation boundary: 72m OS reference of viewpoint: X= 341785.105 Y= 160481.954					
Direction of view: 242.91 ⁰ (south west) Viewpoint height: 21.703m AOD					
Horizontal field of view: 99 ⁰ Viewing distance approx 300mm at A1					
					
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A	17092014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2 VERIFIED PHOTOMONTAGE VIEWPOINT VPD1 SUMMER VIEW					
 National Grid plc, Energy Technology Park, Gateshead, Tyne and Wear, CO10 0BA					
NG INVESTMENT No.		APPLICATION No.		IN	
20897		EN020001		A1	
FIGURE No.		DRAWING No.		SCALE	
18.2.55		IN1979.006A		NTS	
SHEET 1 OF 1				ISSUE	
				A	



Existing winter view
Existing view from Drove Way north of Sandford, looking south above roadside hedgerows along the F Route towards the Mendip Hills with the N Route just visible above trees (Section D)



Anticipated winter view on completion
Anticipated view of the 400kV overhead line supported by T-pylons, Sandford Substation and the cable sealing end platform pylon on the AT Route connection, including mitigation planting on completion (with the F Route, part of the N Route and six trees removed)



Anticipated winter view during operation after 15 years
Anticipated view of the 400kV overhead line supported by T-pylons, Sandford Substation and the cable sealing end platform pylon on the AT Route connection during operation, including mitigation planting after 15 years (with the F Route, part of the N Route and six 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 79.85 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.

¹This document relates to paragraph 5(2)(a) of the Infrastructure Planning (Applications: prescribed forms and procedure) Regulations 2009¹

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: 27/03/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed CSEPP on the AT Route: 244m Distance to the nearest proposed T-pylon: 278m Distance to Sandford Substation boundary: 416m OS reference of viewpoint: X= 341497.536 Y= 161014.270					
Direction of view: 172.09 ^o (south east) Viewpoint height: 6.414m AOD					
Horizontal field of view: 79.85 ^o Viewing distance approx 300mm at A1					
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A	27/03/2014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2 VERIFIED PHOTOMONTAGE VIEWPOINT VPD19 WINTER VIEW					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.56	IN1979.006A				NTS
SHEET 1 OF 1					ISSUE
					A



Existing summer view
Existing view from Drove Way north of Sandford, looking south above roadside hedgerows along the F Route towards the Mendip Hills with the N Route just visible above trees (Section D)



Anticipated summer view on completion
Anticipated view of the 400kV overhead line supported by T-pylons, Sandford Substation and the cable sealing end platform pylon on the AT Route connection, including mitigation planting on completion (with the F Route, part of the N Route and six trees removed). Mitigation planting is barely perceptible above existing hedgerow



Anticipated summer view during operation after 15 years
Anticipated view of the 400kV overhead line supported by T-pylons, Sandford Substation and the cable sealing end platform pylon on the AT Route connection during operation, including mitigation planting after 15 years (with the F Route, part of the N Route and six trees removed). Mitigation planting is barely perceptible above existing hedgerow

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 79.04 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)(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: 18/09/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed CSEPP on the AT Route: 244m Distance to the nearest proposed T-pylon: 278m Distance to Sandford Substation boundary: 416m OS reference of viewpoint: X= 341497.623 Y= 161014.169					
Direction of view: 173.14 ^o (south east) Viewpoint height: 6.433m AOD					
Horizontal field of view: 79.04 ^o Viewing distance approx 300mm at A1					
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A	17092014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2 VERIFIED PHOTOMONTAGE VIEWPOINT VPD19 SUMMER VIEW					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.57	IN1979.006A				NTS
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					A