

Updated Verified Photomontages Part 1

Hinkley Point C Connection Project

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



Hinkley Point C Connection Project

Volume 8.7.4 – Updated Photomontages (orange highlight indicates the contents of this Volume)

Figure	Title	Replaces previously submitted photomontage (Volume/Figure)
Volume 8.7.4.1		
8.7.4.1	VPB12 during operation	Replaces Volume 5.18.2.4, Figure 18.2.20
8.7.4.2	VPB20 on completion and after 15 years	Replaces Volume 5.18.2.5, Figure 18.2.29
8.7.4.3	VPC2 on completion and after 15 years	Replaces Volume 5.18.2.7, Figure 18.2.40
8.7.4.4	VPC6 on completion and after 15 years	Replaces Volume 5.18.2.7, Figure 18.2.44
Volume 8.7.4.2		
8.7.4.5	VPC15 during operation	Replaces Volume 5.18.2.7, Figure 18.2.45
8.7.4.6	VPC8 during operation	Replaces Volume 5.18.2.8, Figure 18.2.47
8.7.4.7	VPC12 on completion and after 15 years	Replaces Volume 5.18.2.8, Figure 18.2.51
8.7.4.8	VPC16 during operation	Replaces Volume 5.18.3, Figure 18.3.2
Volume 8.7.4.3		
8.7.4.9	VPF1 preferred route Option A and alternative route Option B during operation	Replaces Volume 5.18.2.16, Figure 18.2.92
8.7.4.10	VPG2 during operation	Replaces Volume 5.18.2.18, Figure 18.2.100
8.7.4.11	VPG3 during operation	Replaces Volume 5.18.2.18, Figure 18.2.101
8.7.4.12	VPG5 during operation	Replaces Volume 5.18.2.18, Figure 18.2.103
Volume 8.7.4.4		
8.7.4.13	VPG7 during operation	Replaces Volume 5.18.2.19, Figure 18.2.105
8.7.4.14	VPG8 preferred route Option A and alternative route Option B during operation	Replaces Volume 5.18.2.19, Figure 18.2.106



Existing view

Existing view from footpath east of public right of way AX17/16 on the top of Brent Knoll (Scheduled Monument asset ID SM96) looking northeast and east towards the F Route (Section B)



Anticipated view on completion

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge, barely perceptible 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 120.1 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'

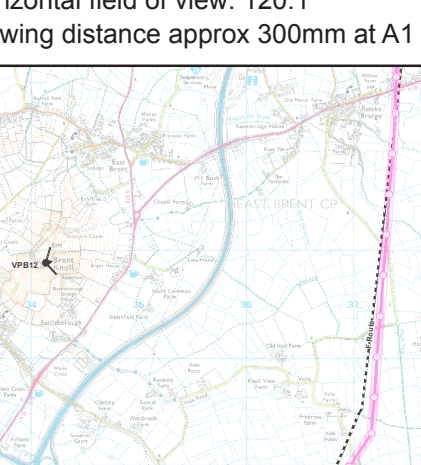

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

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

River Axe Cables Bridge Option

- The installation of the proposed 400kV underground cables will be undertaken using either HDD or cable bridge. The cable bridge option is shown on this photomontage, however the installation option will be selected at a later date in the event that consent is granted in accordance with the DCO
- Colours shown are for illustrative purposes only
- The detailed design of the bridge will be determined at a later date in the event that consent is granted in accordance with Schedule 3, Requirement 32

Date of photograph: 05/06/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed T- pylon: 3152m OS reference of viewpoint: X= 334132.214 Y= 150883.956					
Direction of view: 76.96° (east) Viewpoint height: 138.149m AOD					
Horizontal field of view: 120.1° Viewing distance approx 300mm at A1					
					
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A	19/03/2014	Submission to EIA	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) VOLUME 8.7.4 VERIFIED PHOTOMONTAGE VIEWPOINT VP8 12 (REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.4, FIGURE 18.2.20)					
 <small>National Grid plc, Warwick Technology Park, Cadbury Way, Warwick, CV34 6DA</small>					
NG INVESTMENT No.		APPLICATION No.		IN	
20897		EN020001		A1	
FIGURE No.		DRAWING No.		SCALE	
8.7.4.1		IN1979.011A		NTS	
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				A	



Existing view

Existing view from public right of way AX15/2 between Webbington Road and Kennel Lane in Webbington, looking southwest across the Somerset Levels towards Brent Knoll and Loxton Gap with the F Route visible across fields in the distance (Section B)



Anticipated view on completion

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge including mitigation on completion (with the F Route, two individual trees and one group of trees removed)



Anticipated view during operation after 15 years

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge during operation, including mitigation planting after 15 years (with the F Route, two individual trees and one group of trees 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)(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

River Axe Cables Bridge Option

- The installation of the proposed 400kV underground cables will be undertaken using either HDD or cable bridge. The cable bridge option is shown on this photomontage, however the installation option will be selected at a later date in the event that consent is granted in accordance with the DCO
- Colours shown are for illustrative purposes only
- The detailed design of the bridge will be determined at a later date in the event that consent is granted in accordance with Schedule 3, Requirement 32

Date of photograph: 13/03/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest section of 400kV underground cable route: 418m Distance to South of Mendip Hills cable sealing end compound boundary: 1384m Distance to the nearest proposed T-pylon: 1558 OS reference of viewpoint: X= 338484.602 Y= 155374.833					
Direction of view: 245.66° (south west) Viewpoint height: 43.022m AOD					
Horizontal field of view: 99.6° Viewing distance approx 300mm at A1					
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A	19/03/2014	Submission to EIA	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) VOLUME 8.7.4 VERIFIED PHOTOMONTAGE VIEWPOINT VPB20 (REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.5, FIGURE 18.2.29)					
National Grid plc, National Grid plc, National Grid plc, National Grid plc, National Grid plc					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
8.7.4.2	IN1979.011A				NTS
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					A



Existing view

Existing view from the hillside south of the top of Crook Peak looking southwest along the F Route across the Somerset Levels and Moors in Section B (Section C)



Anticipated view on completion

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge, including mitigation planting on completion (with the F Route, two individual trees and one group of trees removed)



Anticipated view during operation after 15 years

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge, including mitigation planting on completion, including mitigation planting after 15 years (with the F Route, two individual trees and one group of trees 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 100.14 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'

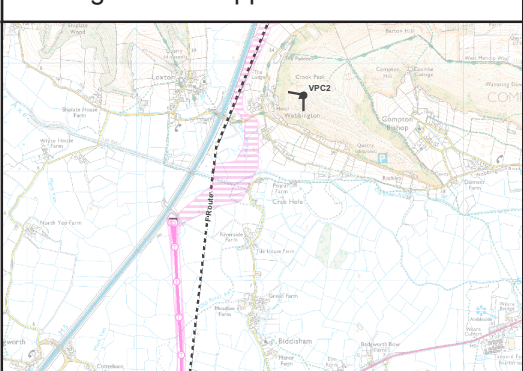

Light Detection and Ranging (LIDAR) level data typically at 40 points per/m2 and also data at 1m and 2m intervals was used for topographical information.

T-pylon

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

River Axe Cables Bridge Option

- The installation of the proposed 400kV underground cables will be undertaken using either HDD or cable bridge. The cable bridge option is shown on this photomontage; however the installation option will be selected at a later date in the event that consent is granted in accordance with the DCO
- Colours shown are for illustrative purposes only
- The detailed design of the bridge will be determined at a later date in the event that consent is granted in accordance with Schedule 3, Requirement 32

Date of photograph: 05/06/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest section of 400kV underground cable route: 793m Distance to South of Mendip Hills cable sealing end compound: 1906m Distance to the nearest proposed T-tylon: 2071m OS reference of viewpoint: X= 338533.215 Y= 155703.321					
Direction of view: 230.62 ^o (south west) Viewpoint height: 147.853m AOD					
Horizontal field of view: 100.14 ^o Viewing distance approx 300mm at A1					
					
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A	19/03/2016	Submission to EIA	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) VOLUME 8.7.4 VERIFIED PHOTOMONTAGE VIEWPOINT VPC2 (REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.7, FIGURE 18.2.40)					
 National Grid plc, Haverstock Technology Park, Gifford Way, Woburn, Bedfordshire, MK44 3EA.					
NG INVESTMENT No.		APPLICATION No.		IN	
20897		EN020001		A1	
FIGURE No.		DRAWING No.		SCALE	
8.7.4.3		IN1979.011A		NTS	
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					A



Existing view

Existing view from the West Mendip Way long distance route on PRoW AX21/5 running southeast towards Loxton looking south towards the F Route across the Somerset Levels and Moors in Section B (Section C)



Anticipated view on completion

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge, including mitigation planting on completion, with the F Route removed



Anticipated view during operation after 15 years

Anticipated view of the 400kV overhead line supported by T-pylons, the South of Mendip Hills cable sealing end compound and the River Axe cable bridge during operation, including mitigation planting after 15 years, 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 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

River Axe Cables Bridge Option

- The installation of the proposed 400kV underground cables will be undertaken using either HDD or cable bridge. The cable bridge option is shown on this photomontage; however the installation option will be selected at a later date in the event that consent is granted in accordance with the DCO
- Colours shown are for illustrative purposes only
- The detailed design of the bridge will be determined at a later date in the event that consent is granted in accordance with Schedule 3, Requirement 32

Date of photograph: 05/04/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest section of 400kV underground cable route: 1330m Distance to South of Mendip Hills cable sealing end compound: 1683m Distance to nearest proposed T-pylon: 1904m OS reference of viewpoint: X= 337247.131 Y= 156206.629					
Direction of view: 187.68 ^o (south) Viewpoint height: 86.342m AOD					
Horizontal field of view: 99 ^o Viewing distance approx 300mm at A1					
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A	19/03/2016	Submission to EIA	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) VOLUME 8.7.4 VERIFIED PHOTOMONTAGE VIEWPOINT VPC6 (REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.7, FIGURE 18.2.44)					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
8.7.4.4	IN1979.011A				NTS
SHEET 1 OF 1					ISSUE
					A