

# Environmental Statement Photomontages 99 to 103

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 play area between Napier Square and King Street in Avonmouth, looking west towards Avonmouth Docks (Section G)



**Anticipated view during operation**  
Anticipated view of the 400kV overhead line supported by steel lattice pylons 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 120.25 degrees. This image should only be assessed in the real landscape from the same viewpoint.

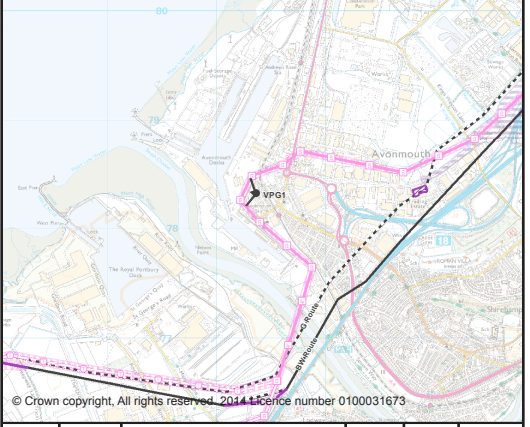

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'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.

Steel lattice pylon

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

Date of photograph: 28/03/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed lattice pylon: 155m OS reference of viewpoint: X= 351363.059 Y= 178324.983					
Direction of view: 279.31° (west) Viewpoint height: 8.876m AOD					
Horizontal field of view: 120.25° Viewing distance approx 300mm at A1					
					
A	1703014	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 VPG1					
 <small>National Grid plc, National Grid Energy Services Ltd, National Grid, National Grid Energy Services Ltd, National Grid Energy Services Ltd, National Grid Energy Services Ltd</small>					
NG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.99	IN1979.009A				NTS
SHEET 1 OF 1					ISSUE
					A





**Existing view**  
Existing view from Regional Cycle Route 10 on the bridge over the M49 motorway on Moorhouse Lane in Avonmouth, looking southwest along the G Route and BW Route towards industrial buildings and wind turbines (Section G)



**Anticipated view during operation**  
Anticipated view of the 400kV overhead line supported by steel lattice pylons during operation (with a section of the G Route and four trees 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 119.15 degrees. This image should only be assessed in the real landscape from the same viewpoint.

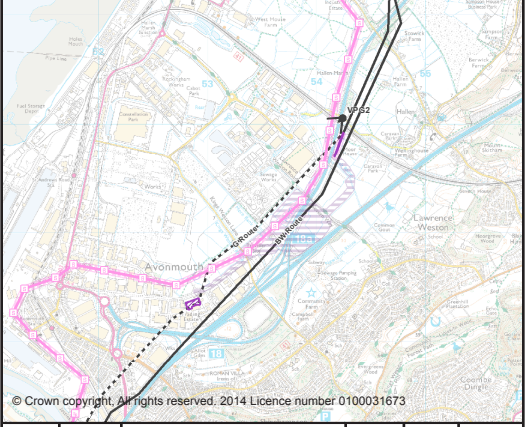

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'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.

Steel lattice pylon

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

Date of photograph: 13/11/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed lattice pylon: 168m OS reference of viewpoint: X= 354240.794 Y= 180057.628					
Direction of view: 226.84 <sup>o</sup> (south west) Viewpoint height: 15.489m AOD					
Horizontal field of view: 119.15 <sup>o</sup> Viewing distance approx 300mm at A1					
					
A	17030014	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 VPG2					
					
NSG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.100	IN1979.009A				NTS
SHEET 1 OF 1					ISSUE
					A





**Existing view**  
Existing view from PRow on Spaniorum Hill off Berwick Lane east of Spaniorum Farm, looking west across fields towards Seabank Power Station and the adjacent Seabank Substation, a gas works and Severn Bridge; with the DA Route, G Route, BW Route, 2VL Route and several wind turbines visible above trees (Section G)



**Anticipated view during operation**  
Anticipated view of the 400kV overhead line supported by steel lattice pylons and the Seabank Substation extension visible in the distance above trees during operation and a section of the G Route, BW Route and the DA Route removed at the connection to Seabank Substation

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 98.5 degrees. This image should only be assessed in the real landscape from the same viewpoint.

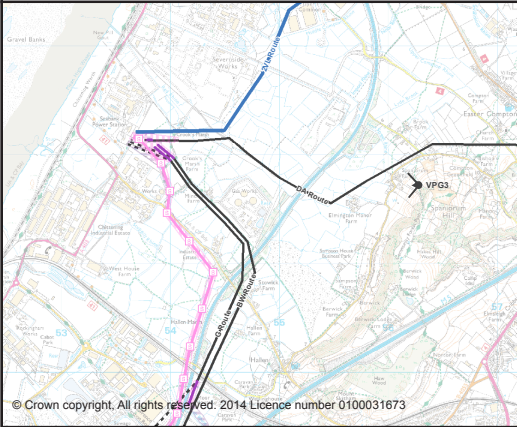

When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'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.

Steel lattice pylon

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

Date of photograph: 13/11/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed lattice pylon: 2219m OS reference of viewpoint: X= 356279.336 Y= 181721.445					
Direction of view: 267.9 <sup>o</sup> (west) Viewpoint height: 27.262m AOD					
Horizontal field of view: 98.5 <sup>o</sup> Viewing distance approx 300mm at A1					
					
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A	1703014	DCO Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
<b>Title</b>  NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2  VERIFIED PHOTOMONTAGE VIEWPOINT VPG3   <small>National Grid plc, National Technology Park, Queens Hill, Warrick, CV34 6DA</small>					
NG INVESTMENT No.		APPLICATION No.		IN	
20897		EN020001		A1	
FIGURE No.		DRAWING No.		SCALE	
18.2.101		IN1979.009A		NTS	
SHEET 1 OF 1				ISSUE	
				A	





**Existing view**  
Existing view from PRoW BCC/555/40 on Severn Road, west of the bridge over the M49 motorway, looking northwest towards Hallen Marsh, Hallen Industrial Estate and Seabank Power Station in the distance with the G Route, BW Route and two wind turbines visible above trees (Section G)



**Anticipated view during operation**  
Anticipated view of the 400kV overhead line supported by steel lattice pylons during operation and a section of the G Route, BW Route and the DA Route removed at the connection to Seabank Substation (with five trees 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 138.5 degrees. This image should only be assessed in the real landscape from the same viewpoint.

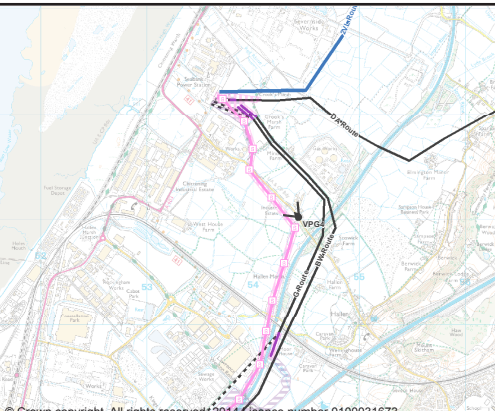

When not in the real landscape in order to provide an accurate representation

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.

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

Date of photograph: 12/11/2013 Lens type:50mm (digital full frame camera)				Title NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT) ENVIRONMENTAL STATEMENT VOLUME 5.18.2  VERIFIED PHOTOMONTAGE VIEWPOINT VPG4	
Distance to the nearest proposed lattice pylon: 315m OS reference of viewpoint: X= 354429.253 Y= 181023.148				 <small>National Grid plc, Woodside Technology Centre, Solihull Parkway, Birmingham, CV35 9EF</small>	
Direction of view: 316.62° (north) Viewpoint height: 11.515m AOD				NG INVESTMENT No. 20897	
Horizontal field of view: 138.5° Viewing distance approx 300mm at A1		APPLICATION No. EN020001		IN A1	
FIGURE No. 18.2.102		DRAWING No. IN1979.009A		SCALE NTS	
SHEET 1 OF 1		ISSUE A			
A	07/03/2014	DCD Submission	LG	NH	NH
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D





**Existing view**  
Existing view from the settlement edge of Lawrence Weston near Hill End Drive and Royal Close, looking west over fields towards industry in Avonmouth, Seabank Power Station and a gas works with the G Route, BW Route and several wind turbines visible above trees in the distance (Section G)



**Anticipated view during operation**  
Anticipated view of the 400kV overhead line supported by steel lattice pylons visible above trees in the distance during operation with a section of the G 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 99.16 degrees. This image should only be assessed in the real landscape from the same viewpoint.

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'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.

Steel lattice pylon

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

Date of photograph: 13/11/2013 Lens type:50mm (digital full frame camera)					
Distance to the nearest proposed lattice pylon: 1348m OS reference of viewpoint: X= 355301.957 Y= 179097.162					
Direction of view: 316.36 <sup>o</sup> (north) Viewpoint height: 37.537m AOD					
Horizontal field of view: 99.16 <sup>o</sup> Viewing distance approx 300mm at A1					
A	1703014	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 VPG5					
NG INVESTMENT No.	APPLICATION No.				IN
20897	EN020001				A1
FIGURE No.	DRAWING No.				SCALE
18.2.103	IN1979.009A				NTS
SHEET 1 OF 1					ISSUE
					A