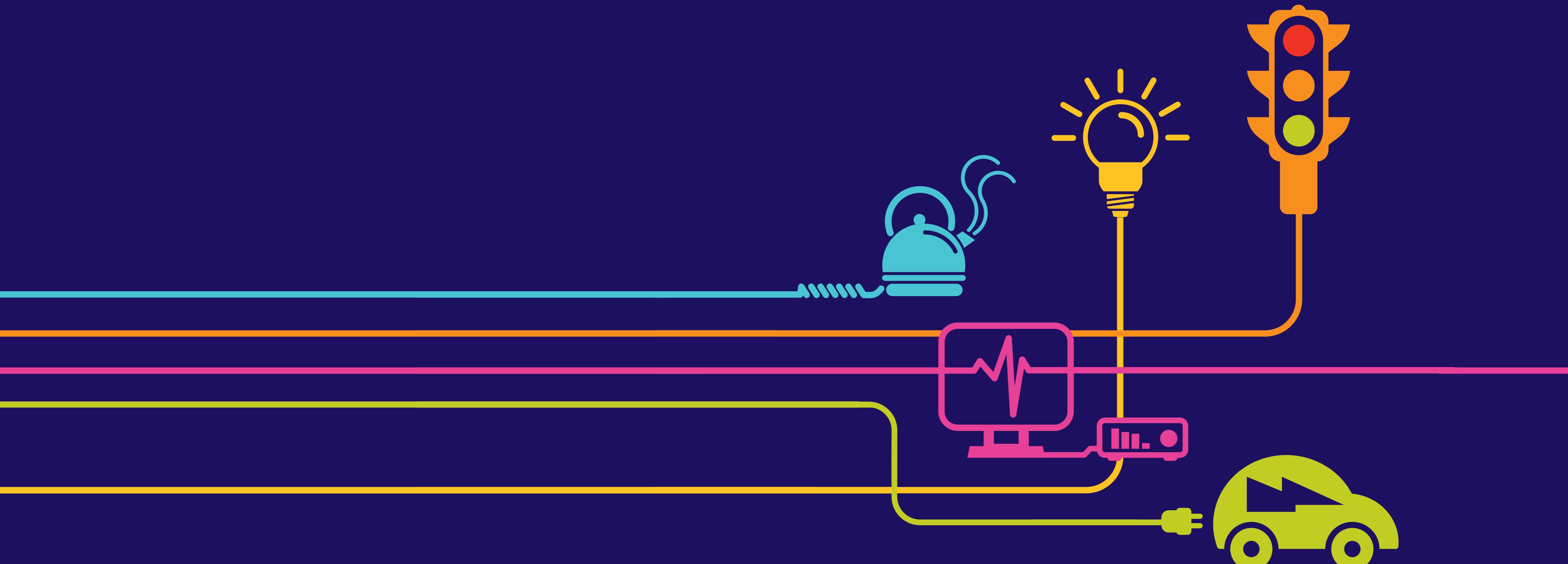


# 8.7.4.3

## Updated Verified Photomontages Part 3

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



#### Existing view

Existing view from the Gordano Round long distance route on Naish Hill on the bridge over the M5 motorway, looking north and northeast towards the F Route and W Route in Sections E and F across Clapton Moor and Portbury Wharf Nature Reserve and the G Route and BW Route east of Portbury Wharf Nature Reserve (Section F)

#### 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 119.4 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 m<sup>2</sup> 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



#### Anticipated view of preferred route (Option A) during operation

Anticipated view of the 400kV overhead line supported by T-pylons in Sections E and F adjacent to the M5 motorway during operation with the F Route, W Route and the G Route removed



#### Anticipated view of alternative route (Option B) during operation

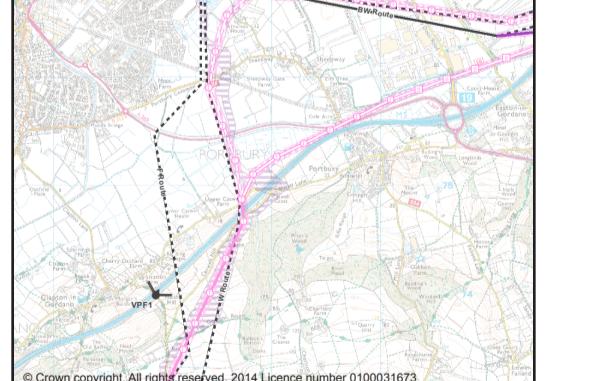
Anticipated view of the 400kV overhead line supported by T-pylons across Clapton Moor and Portbury Wharf Nature Reserve in Sections E and F during operation, with the F Route, W Route, G Route and part of the BW Route removed

Date of photograph: 03/04/2013  
Lens type: 50mm (digital full frame camera)

Distance to the nearest proposed  
T-pylon: 502m  
OS reference of viewpoint:  
X= 347932.728 Y= 173991.305

Direction of view: 30.55° (north)  
Viewpoint height: 75.081m AOD

Horizontal field of view: 119.4°  
Viewing distance approx 300mm at A1



A 19/03/2016 Submission to ExA LG NH NH  
ISSUE DATE COMMENTS DRAWN CHECKED APPROVED

**Title**  
NATIONAL GRID (HINKLEY POINT C  
CONNECTION PROJECT)  
VOLUME 8.7.4  
VERIFIED PHOTOMONTAGE  
VIEWPOINT VPF1  
(REPLACES PREVIOUSLY SUBMITTED  
VOLUME 5.18.2.16, FIGURE 18.2.92)

**nationalgrid**  
National Grid plc, Warwick Technology Park, Galvans Hill, Warwick, CV34 6DA

INVESTMENT NO.	APPLICATION NO.	IN
20897	EN020001	A1
FIGURE NO.	DRAWING NO.	SCALE
8.7.4.9	IN1979.013A	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/m<sup>2</sup> and also data at 1m and 2m intervals was used for topographical information.

#### Steel lattice pylon

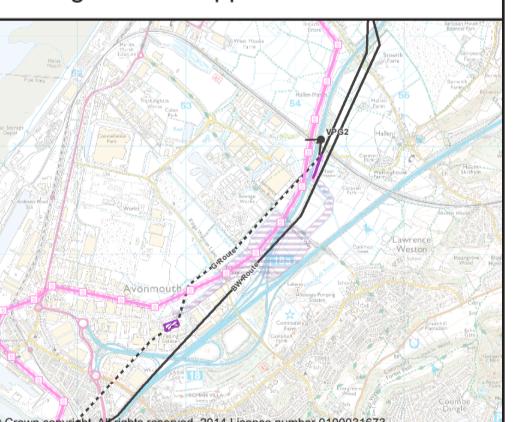
- Frame - grey steel material
- Insulator - light blue/grey composite material
- Twin conductor bundle

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° (south west)  
Viewpoint height: 15.489m AOD

Horizontal field of view: 119.15°  
Viewing distance approx 300mm at A1



A 19/03/2016 Submission to ExA LG NH NH  
ISSUE DATE COMMENTS DRAW CHKD APD

**Title**  
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)  
VOLUME 8.7.4  
VERIFIED PHOTOMONTAGE  
VIEWPOINT VPG2  
(REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.18, FIGURE 18.2.100)

**nationalgrid**  
National Grid plc, Warwick Technology Park, Galvans Hill, Warwick, CV34 6QA  
NG INVESTMENT NO. APPLICATION NO. IN  
20897 EN020001 A1  
FIGURE NO. DRAWING NO. SCALE  
8.7.4.10 IN1979.013A 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/m<sup>2</sup> and also data at 1m and 2m intervals was used for topographical information.

#### Steel lattice pylon

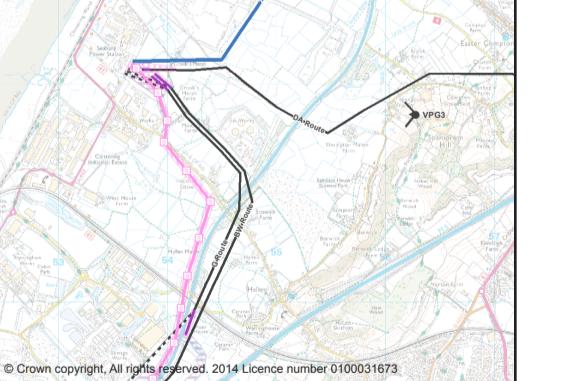
- Frame - grey steel material
- Insulator - light blue/grey composite material
- Twin conductor bundle

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° (west)  
Viewpoint height: 27.262m AOD

Horizontal field of view: 98.5°  
Viewing distance approx 300mm at A1



**Title**  
NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)  
VOLUME 8.7.4  
VERIFIED PHOTOMONTAGE  
VIEWPOINT VPG3  
(REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.18, FIGURE 18.2.101)

**nationalgrid**  
National Grid plc, Warwick Technology Park, Galvans Hill, Warwick, CV34 6QA

NG INVESTMENT NO. APPLICATION NO. IN

20897 EN020001 A1

FIGURE NO. DRAWING NO. SCALE

8.7.4.11 IN1979.013A NTS

SHEET 1 OF 1 ISSUE A



#### 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.

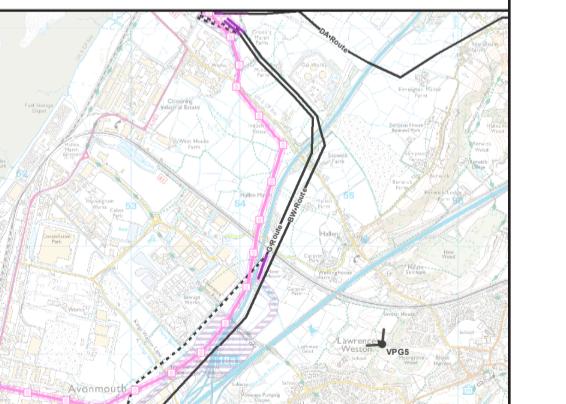
When not in the real landscape in order to provide an accurate representation images should be viewed with one eye by panning across a flat image with the eye remaining at the recommended viewing distance of 300mm from the image.

'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/m<sup>2</sup> 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° (north) Viewpoint height: 37.537m AOD															
Horizontal field of view: 99.16° Viewing distance approx 300mm at A1															
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<table border="1"> <tr> <td>A</td> <td>19/03/2016</td> <td>Submission to ExA</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>CHKD</td> <td>APD</td> </tr> </table>				A	19/03/2016	Submission to ExA	LG	NH	NH	ISSUE	DATE	COMMENTS	DRAW	CHKD	APD
A	19/03/2016	Submission to ExA	LG	NH	NH										
ISSUE	DATE	COMMENTS	DRAW	CHKD	APD										
<b>Title</b> <b>NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)</b> <b>VOLUME 8.7.4</b> <b>VERIFIED PHOTOMONTAGE</b> <b>VIEWPOINT VPG5</b> <small>(REPLACES PREVIOUSLY SUBMITTED VOLUME 5.18.2.18, FIGURE 18.2.103)</small>															
<b>nationalgrid</b> <small>National Grid plc, Warwick Technology Park, Galvans Hill, Warwick, CV34 6QA</small>															
NG INVESTMENT NO.		APPLICATION NO.	IN												
20897		EN020001	A1												
FIGURE NO.		DRAWING NO.	SCALE												
8.7.4.12		IN1979.013A	NTS												
SHEET 1 OF 1		ISSUE	A												