

Hornsea Project Three
Offshore Wind Farm



Hornsea Project Three Offshore Wind Farm

Preliminary Environmental Information Report:
Annex 4.8 - Effects on Landscape and Visual Resources and Receptors

Date: July 2017

Environmental Impact Assessment

Preliminary Environmental Information Report

Volume 6

Annex 4.8 - Effects on Landscape and Visual Resources and Receptors

Liability

This report has been prepared by RPS, with all reasonable skill, care and diligence within the terms of their contracts with DONG Energy Power (UK) Ltd.

Report Number: P6.6.4.8

Version: Final

Date: July 2017

This report is also downloadable from the Hornsea Project Three offshore wind farm website at:

www.dongenergy.co.uk/hornseaproject3

DONG Energy Power (UK) Ltd.

5 Howick Place,

London, SW1P 1WG

© DONG Energy Power (UK) Ltd, 2017. All rights reserved

Front cover picture: Kite surfer near one of DONG Energy's UK offshore wind farms © DONG Energy Hornsea Project Three (UK) Ltd., 2016.

Prepared by: RPS

Checked by: Sarah Drljaca

Accepted by: Sophie Banham

Approved by: Sophie Banham

Table of Contents

1. Introduction.....	1
----------------------	---

List of Tables

Table 1.1: Effects of the construction of the onshore cable route and main construction compounds on landscape resources and receptors.....	2
Table 1.2: Effects of the construction of the onshore HVAC booster station on landscape resources and receptors.....	5
Table 1.3: Effects of the construction of the onshore HVDC converter/HVAC substation on landscape resources and receptors.....	6
Table 1.4: Effects of the construction of the onshore cable route on visual resources and receptors.....	7
Table 1.5: Effects of the main onshore construction compounds on visual resources and receptors.....	7
Table 1.6: Effects of the construction of the onshore HVAC booster station on visual resources and receptors.....	8
Table 1.7: Effects of the construction of the onshore HVDC converter/HVAC substation on visual receptors.....	13
Table 1.8: Effects of the operation and maintenance of the onshore HVAC booster station on landscape resources and receptors.....	22
Table 1.9: Effects of the operation and maintenance of the onshore HVDC converter/HVAC substation on landscape resources and receptors.....	23
Table 1.10: Effects of the operation and maintenance of the onshore HVAC booster station on visual resources and receptors.....	24
Table 1.11: Effects of the operation and maintenance of the onshore HVDC converter/HVAC Substation on visual resources and receptors.....	30
Table 1.12: Effects of the decommissioning of the onshore HVAC booster station on landscape resources and receptors.....	39
Table 1.13: Effects of the decommissioning of the onshore HVDC converter/HVAC substation on landscape resources and receptors.....	40
Table 1.14: Effects of the decommissioning of the onshore HVAC booster station on visual receptors.....	41
Table 1.15: Effects of the decommissioning of the onshore HVDC converter/HVAC Substation on visual resources and receptors.....	42

1. Introduction

- 1.1.1.1 The likely effects of the onshore infrastructure of Hornsea Three on the landscape and visual receptors and resources that have been scoped into the Preliminary Environmental Information Report (PEIR) are set out in the tables of this annex. Where those effects are deemed to be likely to cause significant effects, they have been carried forward into the main assessment contained at volume 3, chapter 4: Landscape and Visual Resources. The scope (section 4.3) of the assessment, study areas (section 4.9) and methodology (section 4.9) are set out within the chapter itself.
- 1.1.1.2 The potential impacts reported in this annex will be revisited after the PEIR. Hornsea Three will continue to refine the details for the planned onshore construction operations, including the location of potential construction compounds, and potential indicative design information for the onshore HVAC booster station and onshore HVDC converter/HVAC substation, and the updated assessment that accompanies the final development consent application will have regard to that information, and be updated as appropriate. A full description of all impact assessments, and conclusions, will be provided in the Environmental Statement.

Table 1.1: Effects of the construction of the onshore cable route and main construction compounds on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Nearshore and Intertidal Area						
<i>Designated Landscapes</i>						
Norfolk Coast Area of Outstanding Natural Beauty (AONB)	High	Moderate	Temporary	Moderate	Minor	No
Sheringham Hall Registered Park and Gardens (RPaG)	Medium	Moderate	Temporary	Moderate	Minor	No
North Norfolk Heritage Coast	Medium	Minor	Temporary	Minor	Negligible	No
<i>National Seascape Character Areas (NSCAs)</i>						
NSCA7: East Midlands Coastal Waters	Medium	Moderate	Temporary	Moderate	Minor	No
NSCA9: Norfolk Coastal Waters	Medium	Moderate	Temporary	Moderate	Minor	No
<i>National Landscape Character Areas (NCAs)</i>						
NCA77: North Norfolk Coast	Medium	Moderate	Temporary	Moderate	Minor	No
<i>Local Landscape Character Areas (LCAs)</i>						
Drained Coastal Marshes (DCM2)	Medium	Moderate	Temporary	Moderate	Moderate	No
Coastal Towns and Villages (CTV1)	Medium	Moderate	Temporary	Moderate	Moderate	No
Rolling Heath and Arable (RHA2)	Medium	Moderate	Temporary	Moderate	Moderate	No
Landfall - Western Section						
<i>Designated Landscapes</i>						
Norfolk Coast AONB	High	Moderate	Temporary	Moderate	Minor	No
Sheringham Hall RPaG	Medium	Moderate	Temporary	Moderate	Minor	No
North Norfolk Heritage Coast	Medium	Minor	Temporary	Minor	Negligible	No
<i>National Landscape Character Areas (NLCAs)</i>						
NCA77: North Norfolk Coast	Medium	Moderate	Temporary	Moderate	Minor	No
NCA78: Central North Norfolk	Medium	Moderate	Temporary	Moderate	Minor	No
<i>Local Landscape Character Areas (LCAs)</i>						
Drained Coastal Marshes (DCM2)	Medium	Moderate	Temporary	Major	Moderate	Yes
Coastal Towns and Villages (CTV1)	Medium	High	Temporary	Major	Moderate	Yes
Rolling Heath and Arable (RHA2)	Medium	Moderate	Temporary	Moderate	Moderate	No

Landscape resource/receptor		Landscape impacts during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Landfall - Eastern Section						
<i>Designated Landscapes</i>						
Norfolk Coast AONB	High	Moderate	Temporary	Moderate	Minor	No
Sheringham Hall RPaG	Medium	Moderate	Temporary	Moderate	Minor	No
<i>National Landscape Character Areas (NCAs)</i>						
NCA77: North Norfolk Coast	Medium	Moderate	Temporary	Moderate	Minor	No
NCA78: Central North Norfolk	Medium	Moderate	Temporary	Moderate	Negligible	No
<i>Local Landscape Character Areas (LCAs)</i>						
Drained Coastal Marshes (DCM2)	Medium	Moderate	Temporary	Moderate	Minor	No
Coastal Towns and Villages (CTV1)	Medium	High	Temporary	Major	Moderate	Yes
Rolling Heath and Arable (RHA2)	Medium	Moderate	Temporary	Moderate	Moderate	No
Onshore Cable Corridor to the South of the Convergence of the Western and Eastern Sections						
<i>Designated Landscapes</i>						
Norfolk Coast AONB	High	Moderate	Temporary	Moderate	Minor	No
Voewood RPaG	High	Negligible	Temporary	Minor	Negligible	No
Heydon Hall RPaG	High	Minor	Temporary	Minor	Negligible	No
Salle Park RPaG	High	Moderate	Temporary	Moderate	Moderate	No
Intwood Hall RPaG	High	Moderate	Temporary	Moderate	Moderate	No
River Valleys (South Norfolk Local Plan Policy DM4.5)	Medium	Minor to Moderate	Temporary	Minor to Moderate	Minor	No
Norwich Southern Bypass Landscape Protection Zone (NSBLPZ) (South Norfolk Local Plan Policy DM4.6)	Medium	Minor	Temporary	Minor	Negligible	No
Viewing Cones (South Norfolk Local Plan Policy DM4.6)	Medium	Minor	Temporary	Minor	Negligible	No
<i>National Landscape Character Areas (NCAs)</i>						
NCA78: Central North Norfolk	Medium	Minor	Temporary	Minor	Negligible	No
NSC83: South Norfolk and High Suffolk Claylands	Medium	Minor	Temporary	Minor	Negligible	No
NCA84: Mid Norfolk	Medium	Minor	Temporary	Minor	Negligible	No

Landscape resource/receptor		Landscape impacts during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Local Landscape Character Areas (LCAs)						
<i>North Norfolk District</i>						
WP2: Holt Cromer Area	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
WP5: Plumstead and Barningham	Medium	Moderate to Minor	Temporary	Moderate	Minor	No
WP7: Thursford, Swanton Novers and Melton Constable	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA TF2: Snoring, Stibbard and Hindolveston	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA TF3: Hempstead, Bodham, Aylmerton and Wickmere Area	Medium	Moderate to Minor	Temporary	Moderate	Minor	No
LCA SV3: Thornage to Brinton	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA SV8: Gresham, Aldborough and Erpingham	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA RHA2: Salthouse and Kelling Area	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA LV5: Saxthorpe to Itteringham	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
<i>Broadland District</i>						
LCA A1: River Wensum Valley	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA B1: Horsford Woodland Heath Mosaic	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA C1: Foulsham and Reepham Plateau Farmland	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA D1: Cawston Tributary Farmland	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA D2: Weston Green Tributary Farmland	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA E1: Blickling and Oulton Wooded Estate lands	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
<i>South Norfolk District</i>						
LCA A1: Tas Rural River Valley	Medium	Moderate to Minor	Temporary	Minor	Minor	No
LCA A2: Yare/Tiffany Rural River Valley	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA A3: Tud Rural River Valley	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA A4: Wensum Rural River Valley	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA B1: Tas Tributary Farmland	Medium	Moderate to Minor	Temporary	Moderate	Minor	No
LCA C1: Yare Tributary Farmland with Parkland	Medium	Moderate to Minor	Temporary	Moderate	Minor	No
LCA D1: Wymondham Settled Plateau Farmland	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA F1: Yare Valley Urban Fringe	Medium	Moderate to Minor	Temporary	Minor	Negligible	No
LCA G1: Easton Fringe Farmland	Medium	Moderate to Minor	Temporary	Minor	Negligible	No

Table 1.2: Effects of the construction of the onshore HVAC booster station on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Designated Landscapes						
Norfolk Coast AONB	High	Moderate	Temporary	Moderate	Minor	No
Barningham Hall RPaG	High	Negligible	Temporary	Minor	Minor	No
Mannington Hall RPaG	High	Minor	Temporary	Minor	Minor	No
Wolterton Hall RPaG	High	Negligible	Temporary	Minor	Minor	No
National Landscape Character Areas (NCAs)						
NCA78: Central North Norfolk	Medium to Low	Moderate	Temporary	Moderate	Minor	No
NCA84: Mid Norfolk	Medium to Low	Minor	Temporary	Minor	Minor	No
Local Landscape Character Areas (LCAs)						
<i>North Norfolk District</i>						
WP2: Holt Cromer Area	Medium to Low	Minor	Temporary	Minor	Negligible	No
WP4: Wolterton and Mannington Halls	Medium to Low	Minor	Temporary	Minor	Negligible	No
WP5: Plumstead and Barningham	Medium to Low	Moderate	Temporary	Moderate	Minor	No
WP7: Thursford, Swanton Novers and Melton Constable	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA TF2: Snoring, Stibbard and Hindolveston	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA TF3: Hempstead, Bodham, Aylmerton and Wickmere Area	Medium to Low	Moderate	Temporary	Moderate	Minor	No
LCA SV3: Thornage to Brinton	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA SV8: Gresham, Aldborough and Erpingham	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA RHA2: Salthouse and Kelling Area	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA LV5: Saxthorpe to Itteringham	Medium to Low	Minor	Temporary	Minor	Negligible	No
<i>Broadland District</i>						
LCA A1: River Wensum Valley	Medium to Low	Minor	Temporary	Minor	Negligible	No
LCA E1: Blickling and Oulton Wooded Estatelands	Medium to Low	Minor	Temporary	Minor	Negligible	No

Table 1.3: Effects of the construction of the onshore HVDC converter/HVAC substation on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Nearshore and Intertidal Area						
<i>Designated Landscapes</i>						
Intwood Hall RPaG	High	Minor	Temporary	Minor to Moderate	Minor	No
River Valleys (South Norfolk Local Plan Policy DM4.5)	Medium	Minor	Temporary	Minor	Negligible	No
Norwich Southern Bypass Landscape Protection Zone (NSBLPZ) (South Norfolk Local Plan Policy DM4.6)	Medium	Moderate	Temporary	Moderate	Minor	No
Viewing Cones (South Norfolk Local Plan Policy DM4.6)	Medium	Minor	Temporary	Minor	Negligible	No
<i>National Landscape Character Areas (NCAs)</i>						
NCA83: South Norfolk and High Suffolk Claylands	Medium to Low	Minor	Temporary	Minor	Negligible	No
NCA84: Mid Norfolk	Medium to Low	Moderate	Temporary	Minor to Moderate	Negligible	No
Local Landscape Character Areas (LCAs)						
<i>South Norfolk District</i>						
LCA A1: Tas Rural River Valley	Medium	Minor	Temporary	Minor	Negligible	No
LCA B1: Tas Tributary Farmland	Medium	Major	Temporary	Major	Major	Yes
LCA C1: Yare Tributary Farmland with Parkland	Medium	Moderate	Temporary	Moderate	Moderate	No
LCA D1: Wymondham Settled Plateau Farmland	Medium	Minor	Temporary	Minor	Negligible	No
LCA D2: Poringland Settled Plateau Farmland	Medium	Minor	Temporary	Minor	Negligible	No
LCA F1: Yare Valley Urban Fringe	Medium	Minor	Temporary	Minor	Negligible	No

Table 1.4: Effects of the construction of the onshore cable route on visual resources and receptors.

Visual Receptor		Visual impacts of onshore cable corridor during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor type	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Occupiers of residential properties	High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Users of Public Rights of Way (PRoW) including National Trails, promoted paths, cycle routes and Access Land	High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Tourist and recreational receptors (other than users of PRoW, etc.)	Negligible to High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Users of community facilities	Low to Medium	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Receptors at commercial/business premises	Low	No change to Moderate	Temporary	Negligible to Minor	Negligible to Minor	No
Dynamic receptors, i.e. occupiers of vehicles on roads	Low	No change to Moderate	Temporary	Negligible to Moderate	Negligible to Minor	No

Table 1.5: Effects of the main onshore construction compounds on visual resources and receptors.

Visual Receptor		Visual impacts of onshore cable corridor during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor type	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Occupiers of residential properties	High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Users of Public Rights of Way (PRoW) including National Trails, promoted paths, cycle routes and Access Land	High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Tourist and recreational receptors (other than users of PRoW, etc.)	Negligible to High	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Users of community facilities	Low to Medium	No change to Major	Temporary	Negligible to Major	Negligible to Moderate	Yes
Receptors at commercial/business premises	Low	No change to Moderate	Temporary	Negligible to Minor	Negligible to Minor	No
Dynamic receptors, i.e. occupiers of vehicles on roads	Low	No change to Moderate	Temporary	Negligible to Moderate	Negligible to Minor	No

Table 1.6: Effects of the construction of the onshore HVAC booster station on visual resources and receptors.

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Hempstead						
Residential properties						
Hole Farm	High	Negligible	Temporary	Minor	Negligible	No
Baconsthorpe						
Residential properties						
Manor Farm House	High	Negligible	Temporary	Minor	Negligible	No
Willow Glen and The Grove	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Baconsthorpe FP11	High	Negligible	Temporary	Minor	Negligible	No
Baconsthorpe FP12	High	Negligible	Temporary	Minor	Negligible	No
Edgefield						
Residential properties						
Edgefield village including Green Farm, and some residential properties within the village of Edgefield Street, including Blackhall Farm	High	Negligible	Temporary	Minor	Negligible	No
Dotshill Cottage	High	Moderate	Temporary	Major	Moderate	Yes
Wood Farm and Wood Farm Holiday Cottages	High	Negligible	Temporary	Minor	Negligible	No
Fuel Farm	High	Moderate	Temporary	Major	Moderate	Yes
Street Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Edgefield FP3	High	Negligible	Temporary	Minor	Negligible	No
Access Land to the north of Rectory Road and south-west of Edgefield	High	Negligible	Temporary	Minor	Negligible	No
Community facilities						
Village Hall and Village Green in Edgefield	Medium	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Dynamic routes						
Sweetbriar Lane	Low	Minor	Temporary	Minor	Negligible	No
B1149	Low	Minor	Temporary	Minor	Negligible	No
<i>Plumstead</i>						
Residential properties						
Plumstead, including Church Farm	High	Negligible	Temporary	Minor	Negligible	No
Range Farm	High	Minor	Temporary	Moderate	Minor	No
Mill Farm	High	Negligible	Temporary	Minor	Negligible	No
Ralph's	High	Negligible	Temporary	Minor	Negligible	No
Residential property within Nuttery Plantation	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Plumstead FP1	High	Negligible	Temporary	Minor	Negligible	No
Plumstead BR2	High	Negligible	Temporary	Minor	Negligible	No
Plumstead BR3	High	Negligible	Temporary	Minor	Negligible	No
Plumstead BR6	High	Minor	Temporary	Moderate	Minor	No
Plumstead BR7	High	Negligible	Temporary	Minor	Negligible	No
Plumstead FP9	High	Negligible	Temporary	Minor	Negligible	No
Plumstead BR10	High	Negligible	Temporary	Minor	Negligible	No
Plumstead FP11	High	Negligible	Temporary	Minor	Negligible	No
Matlask						
Public rights of way and Access Land						
Matlast FP1	High	Negligible	Temporary	Minor	Negligible	No
<i>Briston</i>						
Residential properties						
Residential properties along a part of the Reephams Road in Briston	High	Negligible	Temporary	Minor	Negligible	No
Residential properties at Redlands	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Small Hopes Farm	High	Negligible	Temporary	Minor	Negligible	No
Moor Hall and Pewit Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Briston FP1	High	Negligible	Temporary	Minor	Negligible	No
Briston FP4	High	Negligible	Temporary	Minor	Negligible	No
Briston RB10	High	Negligible	Temporary	Minor	Negligible	No
Briston RB13	High	Negligible	Temporary	Minor	Negligible	No
Briston BR19	High	Negligible	Temporary	Minor	Negligible	No
Briston BR20	High	Negligible	Temporary	Minor	Negligible	No
Corpusty and Saxthorpe						
Residential properties						
Residential properties within Corpusty and Saxthorpe	High	Negligible	Temporary	Minor	Negligible	No
Holly Heath Farm	High	Negligible	Temporary	Minor	Negligible	No
Shrubbs Farm	High	Major	Temporary	Major	Moderate	Yes
Keepers Cottage	High	Moderate	Temporary	Major	Moderate	Yes
Limekiln Farm	High	Negligible	Temporary	Minor	Minor	No
Public rights of way and Access Land						
Corpusty RB21	High	Moderate	Temporary	Major	Moderate	Yes
Corpusty RB1	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP3	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP7	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP16	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP17	High	Negligible	Temporary	Minor	Negligible	No
Corpusty BR18	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP19	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP22	High	Negligible	Temporary	Minor	Negligible	No
Corpusty BR23	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Corpusty BR24	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP25	High	Negligible	Temporary	Minor	Negligible	No
Corpusty FP26	High	Negligible	Temporary	Minor	Negligible	No
Dynamic routes						
B1149	Low	Minor	Temporary	Minor	Negligible	No
Little Barningham						
Residential properties						
Underwoods	High	Moderate	Temporary	Major	Moderate	Yes
Public rights of way and Access Land						
Barningham BR1	High	Moderate	Temporary	Major	Moderate	Yes
Little Barningham FP4	High	Negligible	Temporary	Minor	Negligible	No
Little Barningham FP6	High	Negligible	Temporary	Minor	Negligible	No
Little Barningham BR8	High	Negligible	Temporary	Minor	Negligible	No
Little Barningham BR9	High	Minor	Temporary	Moderate	Minor	No
Dynamic routes						
Sweetbriar Lane	Low	Minor	Temporary	Minor	Negligible	No
Itteringham						
Residential properties						
Itteringham village, including Kincardine	High	Negligible	Temporary	Minor	Negligible	No
Properties along a track to the west of Itteringham	High	Negligible	Temporary	Minor	Negligible	No
The Avenues and Keepers House	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Itteringham FP2	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP5	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP6	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP7	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Itteringham FP8	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP10	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP11	High	Negligible	Temporary	Minor	Negligible	No
Itteringham FP21	High	Negligible	Temporary	Minor	Negligible	No
Tourist and recreational sites						
Mannington Hall Gardens	High	Negligible	Temporary	Minor	Negligible	No
Wickmere						
Residential properties						
Hall Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Wickmere FP1	High	Negligible	Temporary	Minor	Negligible	No
Wickmere FP12	High	Negligible	Temporary	Minor	Negligible	No
Thurning						
Residential properties						
Rookery Farm and Limetree Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Thurning RB2	High	Negligible	Temporary	Minor	Negligible	No
Thurning BR4	High	Negligible	Temporary	Minor	Negligible	No
Wood Dalling						
Residential properties						
Red Pits Farm and Moat Farm as well as the collection of properties at Red Pits	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Wood Dalling FP3	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVAC booster station during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Heydon						
Residential properties						
Cropton Hall, Bells' Grove and Grove Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Heydon FP1	High	Negligible	Temporary	Minor	Negligible	No
Oulton						
Public rights of way and Access Land						
Oulton FP3	High	Negligible	Temporary	Minor	Negligible	No
Oulton FP4	High	Negligible	Temporary	Minor	Negligible	No

Table 1.7: Effects of the construction of the onshore HVDC converter/HVAC substation on visual receptors

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Heathersett						
Residential properties						
Residential properties within Heathersett	High	Negligible	Temporary	Minor	Negligible	No
Residential properties on Station Lane, including Station Farm	High	Negligible	Temporary	Minor	Negligible	No
Residential properties in Braymeadow Bottom	High	Negligible	Temporary	Minor	Negligible	No
Thickthorne Farm and Thickthorne Hall	High	Negligible	Temporary	Minor	Negligible	No
Travelodge	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Heathersett FP1	High	Negligible	Temporary	Minor	Negligible	No
Heathersett BOAT2	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Heathersett FP3	High	Negligible	Temporary	Minor	Negligible	No
Heathersett FP4	High	Negligible	Temporary	Minor	Negligible	No
Heathersett FP5	High	Negligible	Temporary	Minor	Negligible	No
Colney						
Community facilities						
Norwich University Hospital	High	Negligible	Temporary	Minor	Negligible	No
Cringleford						
Residential properties						
Residential properties within Cringleford including Round House	High	Negligible	Temporary	Minor	Negligible	No
Residential properties to the south of the A11, including Meadow Farm and Cringelford Hall	High	Negligible	Temporary	Minor	Negligible	No
Newfound Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Cringleford FP1	High	Negligible	Temporary	Minor	Negligible	No
Cringleford FP2	High	Negligible	Temporary	Minor	Negligible	No
Cringleford FP3	High	Negligible	Temporary	Minor	Negligible	No
Cringleford FP4	High	Negligible	Temporary	Minor	Negligible	No
Cringleford FP4a	High	Negligible	Temporary	Minor	Negligible	No
Cringleford BR5	High	Negligible	Temporary	Minor	Negligible	No
Norwich						
Residential properties						
Residential properties and hotels in the residential areas of Norwich including Earham, Eaton, Tuckswood, Old Lakenham and Lakenham on the southern edges of the city	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Norwich FP1	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Norwich BR4	High	Negligible	Temporary	Minor	Negligible	No
Marston Marshes	High	Negligible	Temporary	Minor	Negligible	No
Tourist and recreational sites						
Earlham Park, Eaton Park and the University of East Anglia	Medium	Negligible	Temporary	Minor	Negligible	No
Bixley						
Residential properties						
Arminghall village, including Church Farm	High	Negligible	Temporary	Minor	Negligible	No
Group of properties around Manor House and Manor Farm	High	Negligible	Temporary	Minor	Negligible	No
Properties on White Horse Lane	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Bixley FP1 and Bixley FP2 (part of The Boudicca Way)	High	Negligible	Temporary	Minor	Negligible	No
Bixley FP3 and the very short section of Bixley FP5	High	Negligible	Temporary	Minor	Negligible	No
Bixley FP6	High	Negligible	Temporary	Minor	Negligible	No
Trowse with Newton						
Residential properties						
Trowse Newton village	High	Negligible	Temporary	Minor	Negligible	No
Home Farm and along Kirby Road	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Trowse-with-Newton FP2	High	Negligible	Temporary	Minor	Negligible	No
Trowse-with-Newton FP3 (part of The Boudicca Way)	High	Negligible	Temporary	Minor	Negligible	No
Trowse-with-Newton BR4	High	Negligible	Temporary	Minor	Negligible	No
Trowse-with-Newton FP5	High	Negligible	Temporary	Minor	Negligible	No
The Broads	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Ketteringham						
Residential properties						
Ketteringham village including Ketteringham Hall and Ivy Farm Bed and Breakfast and properties west of Five Ways road	High	Negligible	Temporary	Minor	Negligible	No
Properties along Cantley Lane, Cantley Farm, High View, Small Wood	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Heathersett FP6	High	Negligible	Temporary	Minor	Negligible	No
Ketteringham FP1, Ketteringham FP3 and Ketteringham FP4	High	Negligible	Temporary	Minor	Negligible	No
Ketteringham BR2 to visiting the monument at Five Ways	High	Negligible	Temporary	Minor	Negligible	No
Keswick and Intwood						
Residential properties						
Residential and commercial properties around Keswick Hall, including Teacher Training College, Flagship Housing Group and Keswick Riding Stables to the north of the A47	High	Negligible	Temporary	Minor	Negligible	No
Properties at Home Farm, including Intwood Hall and those around All Saints Church	High	Negligible	Temporary	Minor	Negligible	No
Keswick village and at Keswick Mill	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Keswick RB1	High	Negligible	Temporary	Minor	Negligible	No
Keswick BR3	High	Negligible	Temporary	Minor	Negligible	No
Keswick FP4 (part of Tas Valley Way)	High	Negligible	Temporary	Minor	Negligible	No
Keswick BR5 (part of Tas Valley Way)	High	Negligible	Temporary	Major	moderate	Yes
Keswick BR6	High	Negligible	Temporary	Minor	Negligible	No
Keswick FP8	High	Minor	Temporary	Moderate	Minor	No
Dynamic routes						
Intwood Lane	Low	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
B113	Low	Moderate	Temporary	Minor	Negligible	No
A47	Low	Moderate	Temporary	Minor	Negligible	No
A140	Low	Negligible	Temporary	Minor	Negligible	No
Low Road, Mill Road and Keswick Hall Road	Low	Minor	Temporary	Minor	Negligible	No
East Carleton						
Residential properties						
Properties within East Carleton including Whitehouse Farm, Wymondham Road, Dodd's Hole, The Grove, Curzon Hall Farm and Manor Farm	High	Negligible	Temporary	Minor	Negligible	No
Properties within Lower East Carleton including Valley Farm, Dairy Farm, North Farm and Park Lane	High	Minor	Temporary	Moderate	Minor	No
Public rights of way and Access Land						
East Carleton FP1, East Carleton FP2 and East Carleton FP3 form part of the Tas Valley Way	High	Negligible	Temporary	Minor	Negligible	No
East Carleton FP4	High	Negligible	Temporary	Minor	Negligible	No
East Carleton FP5	High	Negligible	Temporary	Minor	Negligible	No
East Carleton FP6 and East Carleton FP7	High	Negligible	Temporary	Minor	Negligible	No
East Carleton FP8	High	Negligible	Temporary	Minor	Negligible	No
Swardeston						
Residential properties						
Swardeston village including The Smithy B&B, Swardeston House, properties along B1113 Main Road and The Wood	High	Minor	Temporary	Moderate	Minor	No
Residential properties on Intwood Lane and Cavell House	High	Moderate	Temporary	Major	Moderate	Yes
Mangreen Hall and Mangreen Hall Farm	High	Moderate	Temporary	Major	Moderate	Yes
Swardeston Hall Farm and Growthorpe Manor	High	Minor	Temporary	Minor to moderate	Minor	No
Public rights of way and Access Land						
Swardeston FP1, Swardeston FP5 and Swardeston RB14	High	Minor	Temporary	Moderate	Minor	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Swardeston FP2 (part of Tas Valley Way), Swardeston FP3, Swardeston FP4, Swardeston FP15, Swardeston FP16 and Swardeston FP17	High	Negligible	Temporary	Minor	Negligible	No
Swardeston FP6, Swardeston FP7 and Swardeston BR9	High	Minor	Temporary	Moderate	Minor	No
Swardeston FP10, Swardeston BR11, Swardeston BR12 and Swardeston FP13	High	Negligible	Temporary	Minor	Negligible	No
Tourist and recreational sites						
Swardeston village green, Swardeston Cricket Pitch, Swardeston Bowles Club and the childrens play area	Medium	Negligible	Temporary	Minor	Negligible	No
Lakenham-Hewett Rugby Football Ground and Norwich Sports Ground	Medium	Moderate	Temporary	Moderate	Moderate	No
Commercial and industrial sites						
Business properties within Swardeston village	Low	Minor	Temporary	Minor	Negligible	No
Dynamic routes						
B1113	Low	Moderate	Temporary	Minor	Minor	No
Mangreen Lane	Low	Minor	Temporary	Minor	Negligible	No
Gowthorpe Lane	Low	Minor	Temporary	Minor	Negligible	No
The Common, Short Lane and Intwood Lane	Low	Moderate	Temporary	Minor	Minor	No
Caistor St Edmund						
Residential properties						
Caistor St Edmund including Rectory, Old Hall Farm, Church Farm, High Ash Farm, Caistor Hall Hotel and High Ash Farm	High	Negligible	Temporary	Minor	Negligible	No
Harford Farm	High	Minor	Temporary	Moderate	Minor	No
Halfway House and the two properties to the north	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Caistor St Edmund FP1, Caistor St Edmund FP3, Caistor St Edmund FP4 and Caistor St Edmund FP5 that all form part of the Boudicca Way Promoted Path	High	Negligible	Temporary	Minor	Negligible	No
Caistor St Edmund FP2	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Tourist and recreational sites						
Venta Icenorum Roman Town	Medium	Negligible	Temporary	Minor	Negligible	No
Dynamic routes						
A47	Low	Minor	Temporary	Minor	Negligible	No
A140	Low	Minor	Temporary	Minor	Negligible	No
Markshall Road	Low	Minor	Temporary	Minor	Negligible	No
Stoke Holy Cross						
Residential properties						
Stoke Holy Cross village including Salamanca House, Park House, Vicarage, Watering Farm, The Hall, Abbot's Farm, Malkin Farm	High	Negligible	Temporary	Minor	Negligible	No
Upper Stoke village including Uplands Farm, Model Farm, Valley Farm, Whiteford Hall, Highfield Farm, Narborough House and Blackford Hall	High	Negligible	Temporary	Minor	Negligible	No
Hamlet of Durston, including Durston Hall Hotel and Diane's Wood	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Stoke Holy Cross FP2 within Dunston nature reserve	High	Negligible	Temporary	Minor	Negligible	No
Stoke Holy Cross BR3	High	Minor	Temporary	Moderate	Minor	No
Stoke Holy Cross FP4 and Stoke Holy Cross FP5	High	Negligible	Temporary	Minor	Negligible	No
Stoke Holy Cross BR7	High	Negligible	Temporary	Minor	Negligible	No
Dynamic routes						
Mangreen Lane	Low	Minor	Temporary	Minor	Negligible	No
A140	Low	Negligible	Temporary	Minor	Negligible	No
Poringland						
Residential properties						
Abbot's Farm	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Public rights of way and Access Land						
Poringland FP1	High	Negligible	Temporary	Minor	Negligible	No
Bracon Ash						
Residential properties						
Bracon Ash village including Lodge Farm, Mergate Farm, Mergate Hall, Bracon Hall, Hall Road Farm, Woodlands, Mergate Cottage B&B and properties at Hethel village including Church Farm and The Hethel Thorn	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Bracon Ash FP1, Bracon Ash FP2, Bracon Ash FP3, Bracon Ash FP4 and Bracon Ash FP18	High	Negligible	Temporary	Minor	Negligible	No
Bracon Ash FP5, Bracon Ash FP6 and Bracon Ash FP17	High	Negligible	Temporary	Minor	Negligible	No
Bracon Ash FP13 and Bracon Ash FP14 that form part of the Tas Valley Way	High	Negligible	Temporary	Minor	Negligible	No
Bracon Ash FP16	High	Negligible	Temporary	Minor	Negligible	No
Mulbarton						
Residential properties						
Mulbarton village including Paddock Farm, The old Hall, Old Hall Farm, Meadow Farm Cottage, properties on the B1113, Lodge Farm, Kennington Hall and Church Nursery	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Mulbarton FP1, Mulbarton FP3 and Mulbarton FP4, which form part of the Tas Valley Way Promoted Path	High	Negligible	Temporary	Minor	Negligible	No
Mulbarton FP2	High	Negligible	Temporary	Minor	Negligible	No
Mulbarton FP5 and Mulbarton Common, Access Land	High	Negligible	Temporary	Minor	Negligible	No
Mulbarton FP6, Mulbarton FP7, Mulbarton FP8 and Mulbarton FP9	High	Negligible	Temporary	Minor	Negligible	No
Mulbarton FP10, Mulbarton FP1 and Mulbarton FP12	High	Negligible	Temporary	Minor	Negligible	No

Visual Receptor		Visual impacts of onshore HVDC converter/HVAC substation during construction		Significance of effects (effect is adverse, unless otherwise stated)		
Visual receptor location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Newton Flotman						
Residential properties						
Newton Flotman including Hillcrest Farm, Newton Greenways, Monks Farm, Church Farm, and properties at Brick Kiln Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Newton Flotman FP1 and Newton Flotman FP2	High	Negligible	Temporary	Minor	Negligible	No
Swainsthorpe						
Residential properties						
Swainsthorpe including Glebe Farm and Church Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Swainsthorpe FP1, Swainsthorpe BR2 and Swainsthorpe BR7	High	Negligible	Temporary	Minor	Negligible	No
Swainsthorpe BR3	High	Negligible	Temporary	Minor	Negligible	No
Swainsthorpe BOAT6	High	Negligible	Temporary	Minor	Negligible	No
Shotesham						
Residential properties						
Shotesham Common including Hawes Green, and Church Farm	High	Negligible	Temporary	Minor	Negligible	No
Plantation Farm and Skeetshill Farm	High	Negligible	Temporary	Minor	Negligible	No
Shotesham Park and the property on Knights Lane	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Shotesham FP1 and those on Shotesham Common	High	Negligible	Temporary	Minor	Negligible	No
Shotesham BR2 that forms part of Boudicca Way	High	Negligible	Temporary	Minor	Negligible	No
Shotesham FP10	High	Negligible	Temporary	minor	Negligible	No

Table 1.8: Effects of the operation and maintenance of the onshore HVAC booster station on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVAC booster station during operation and maintenance		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Landscape Resources						
Designated Landscapes						
Barningham Hall RPaG	High	Negligible	Long Term	Minor	Negligible	No
Mannington Hall RPaG	High	Negligible	Long Term	Minor	Negligible	No
Wolterton Hall RPaG	High	No Change	Long Term	Negligible	Negligible	No
National Landscape Character Areas (NCAs)						
NCA78: Central North Norfolk	Medium	Minor	Long Term	Minor	Negligible	No
NCA84: Mid Norfolk	Medium	Negligible	Long Term	Negligible	Negligible	No
Local Landscape Character Areas (LCAs)						
North Norfolk District						
WP2: Holt Cromer Area	Medium	Negligible	Long Term	Negligible	Negligible	No
WP4: Wolterton and Mannington Halls	Medium	Negligible	Long Term	Negligible	Negligible	No
WP5: Plumstead and Barningham	Medium	Minor	Long Term	Minor	Negligible	No
WP7: Thursford, Swanton Novers and Melton Constable	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA TF2: Snoring, Stibbard and Hindolveston	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA TF3: Hempstead, Bodham, Aylmerton and Wickmere Area	Medium	Minor	Long Term	Minor	Negligible	No
LCA SV3: Thornage to Brinton	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA SV8: Gresham, Aldborough and Erpingham	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA RHA2: Salthouse and Kelling Area	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA LV5: Saxthorpe to Itteringham	Medium	Negligible	Long Term	Negligible	Negligible	No
Broadland District						
LCA A1: River Wensum Valley	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA E1: Blickling and Oulton Wooded Estate lands	Medium	Negligible	Long Term	Negligible	Negligible	No

Table 1.9: Effects of the operation and maintenance of the onshore HVDC converter/HVAC substation on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVDC converter/HVAC substation during operation and maintenance		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Designated Landscapes						
The Broads	High	No Change	Long Term	Negligible	Negligible	No
Intwood Hall RPaG	High	Minor	Long Term	Moderate	Minor	No
RPaGs within Norwich	High	No Change	Long Term	Negligible	Negligible	No
River Valleys (South Norfolk Local Plan Policy DM4.5)	Medium	Minor	Long Term	Minor	Negligible	No
Norwich Southern Bypass Landscape Protection Zone (NSBLPZ) (South Norfolk Local Plan Policy DM4.6)	Medium	Moderate	Long Term	Moderate	Negligible	No
Viewing Cones (South Norfolk Local Plan Policy DM4.6)	Medium	Minor	Long Term	Minor	Negligible	No
National Landscape Character Areas (NCAs)						
NCA83: South Norfolk and High Suffolk Claylands	Medium	Negligible	Long Term	Negligible	Negligible	No
NCA84: Mid Norfolk	Medium	Minor	Long Term	Minor	Negligible	No
Local Landscape Character Areas (LCAs)						
South Norfolk District						
LCA A1: Tas Rural River Valley	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA A2: Yare Tiffey Rural River Valley	Medium	Minor	Long Term	Minor	Negligible	No
LCA B1: Tas Tributary Farmland	Medium	Minor	Long Term	Minor	Negligible	No
LCA C1: Yare Tributary Farmland with Parkland	Medium	Minor	Long Term	Minor	Negligible	No
LCA D1: Wymondham Settled Plateau Farmland	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA D2: Poringland Settled Plateau Farmland	Medium	Negligible	Long Term	Negligible	Negligible	No
LCA F1: Yare Valley Urban Fringe	Medium	Negligible	Long Term	Negligible	Negligible	No

Table 1.10: Effects of the operation and maintenance of the onshore HVAC booster station on visual resources and receptors.

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Hempstead						
Residential receptors						
Hole Farm	High	Negligible	Long term	Minor	Negligible	No
Baconsthorpe						
Residential receptors						
Manor Farm House	High	Negligible	Long term	Minor	Negligible	No
Willow Glen and The Grove	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Baconsthorpe FP11	High	Negligible	Long term	Minor	Negligible	No
Baconsthorpe FP12	High	Negligible	Long term	Minor	Negligible	No
Baconsthorpe FP13	High	Negligible	Long term	Minor	Negligible	No
Edgefield						
Residential receptors						
Edgefield village including Green Farm, and some residential properties within the village of Edgefield Street, including Blackhall Farm	High	Negligible	Long term	Minor	Negligible	No
Dotshill Cottage	High	Moderate	Long term	Major	Moderate	Yes
Wood Farm and Wood Farm Holiday Cottages	High	Negligible	Long term	Minor	Negligible	No
Fuel Farm	High	Moderate	Long term	Major	Moderate	Yes
Street Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Edgefield FP3	High	Negligible	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Access Land to the north of Rectory Road and south-west of Edgefield	High	Negligible	Long term	Minor	Negligible	No
Community facilities						
Village Hall and Village Green in Edgefield	Medium	Negligible	Long term	Minor	Negligible	No
Dynamic receptors						
Sweetbriar Lane	Low	Minor	Long term	Minor	Negligible	No
B1149	Low	Minor	Long term	Minor	Negligible	No
Plumstead						
Residential properties						
Plumstead, including Church Farm	High	Negligible	Long term	Minor	Negligible	No
Range Farm	High	Minor	Long term	Moderate	Minor	No
Mill Farm	High	Negligible	Long term	Minor	Negligible	No
Ralph's	High	Negligible	Long term	Minor	Negligible	No
Residential property within Nuttery Plantation	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Plumstead FP1	High	Negligible	Long term	Minor	Negligible	No
Plumstead BR2	High	Negligible	Long term	Minor	Negligible	No
Plumstead BR3	High	Negligible	Long term	Minor	Negligible	No
Plumstead BR6	High	Minor	Long term	Moderate	Minor	No
Plumstead BR7	High	Negligible	Long term	Minor	Negligible	No
Plumstead FP9	High	Negligible	Long term	Minor	Negligible	No
Plumstead BR10	High	Negligible	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Plumstead FP11	High	Negligible	Long term	Minor	Negligible	No
Matlask						
Public rights of way and Access Land						
Matlask FP1	High	Negligible	Long term	Minor	Negligible	No
Briston						
Residential properties						
Residential properties along a part of the Reepham Road in Briston	High	Negligible	Long term	Minor	Negligible	No
Residential properties at Redlands	High	Negligible	Long term	Minor	Negligible	No
Small Hopes Farm	High	Negligible	Long term	Minor	Negligible	No
Moor Hall and Pewit Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Briston FP1	High	Negligible	Long term	Minor	Negligible	No
Briston FP4	High	Negligible	Long term	Minor	Negligible	No
Briston RB10	High	Negligible	Long term	Minor	Negligible	No
Briston RB13	High	Negligible	Long term	Minor	Negligible	No
Briston BR19	High	Negligible	Long term	Minor	Negligible	No
Briston BR20	High	Negligible	Long term	Minor	Negligible	No
Corpusty and Saxthorpe						
Residential properties						
Residential properties within Corpusty and Saxthorpe	High	Negligible	Long term	Minor	Negligible	No
Holly Heath Farm	High	Negligible	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Shrubbs Farm	High	Minor	Long term	Moderate	Minor	No
Keepers Cottage	High	Moderate	Long term	Moderate	Minor	No
Limekiln Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Corpusty RB21	High	Moderate	Long term	Major	Moderate	Yes
Corpusty RB1	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP3	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP7	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP16	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP17	High	Negligible	Long term	Minor	Negligible	No
Corpusty BR18	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP19	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP22	High	Negligible	Long term	Minor	Negligible	No
Corpusty BR23	High	Negligible	Long term	Minor	Negligible	No
Corpusty BR24	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP25	High	Negligible	Long term	Minor	Negligible	No
Corpusty FP26	High	Negligible	Long term	Minor	Negligible	No
Dynamic routes						
B1149	Low	Minor	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Little Barningham						
Residential properties						
Underwoods	High	Moderate	Long term	Major	Minor	Yes
Public rights of way and Access Land						
Barnington BR1	High	Moderate	Long term	Major	Moderate	Yes
Little Barningham FP4	High	Negligible	Long term	Minor	Negligible	No
Little Barnington FP6	High	Negligible	Long term	Minor	Negligible	No
Little Barnington BR8	High	Negligible	Long term	Minor	Negligible	No
Little Barnington BR9	High	Minor	Long term	Moderate	Negligible	No
Dynamic routes						
Sweetbriar Lane	Low	Minor	Long term	Minor	Negligible	No
Itteringham						
Residential properties						
Itteringham village, including Kincardine	High	Negligible	Long term	Minor	Negligible	No
Properties along a track to the west of Itteringham	High	Negligible	Long term	Minor	Negligible	No
The Avenues and Keepers House	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Itteringham FP2	High	Negligible	Long term	Minor	Negligible	No
Itteringham FP5	High	Negligible	Long term	Minor	Negligible	No
Itteringham FP6	High	Negligible	Long term	minor	Negligible	No
Itteringham FP7	High	Negligible	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Itteringham FP8	High	Negligible	Long term	Minor	Negligible	No
Itteringham FP10	High	Negligible	Long term	Minor	Negligible	No
Itteringham FP11	High	Negligible	Long term	Minor	Negligible	No
Itteringham FP21	High	Negligible	Long term	Minor	Negligible	No
Tourist and recreational sites						
Mannington Hall Gardens	High	Negligible	Long term	Minor	Negligible	No
Wickmere						
Residential properties						
Hall Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Wickmere FP1	High	Negligible	Long term	Minor	Negligible	No
Wickmere FP12	High	Negligible	Long term	Minor	Negligible	No
Thurning						
Residential properties						
Rookery Farm and Limetree Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Thurning RB2	High	Negligible	Long term	Minor	Negligible	No
Thurning BR4	High	Negligible	Long term	Minor	Negligible	No
Wood Dalling						
Residential properties						
Red Pits Farm and Moat Farm as well as the collection of properties at Red Pits	High	Negligible	Long term	Minor	Negligible	No

Viewpoint		Visual effects during operation and maintenance of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Public rights of way and Access Land						
Wood Dalling FP3	High	Negligible	Long term	Minor	Negligible	No
Heydon						
Residential properties						
Cropton Hall, Bells' Grove and Grove Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Heydon FP1	High	Negligible	Long term	Minor	Negligible	No
Oulton						
Public rights of way and Access Land						
Oulton FP3	High	Negligible	Long term	Minor	Negligible	No
Oulton FP4	High	Negligible	Long term	Minor	Negligible	No

Table 1.11: Effects of the operation and maintenance of the onshore HVDC converter/HVAC Substation on visual resources and receptors.

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Heathersett						
Residential properties						
Residential properties within Heathersett	High	Negligible	Long term	Minor	Negligible	No
Residential properties on Station Lane, including Station Farm	High	Negligible	Long term	Minor	Negligible	No
Residential properties in Braymeadow Bottom	High	Negligible	Long term	Minor	Negligible	No
Thickthorne Farm and Thickthorne Hall	High	Negligible	Long term	Minor	Negligible	No
Travelodge	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Public rights of way and Access Land						
Heathersett FP1	High	Negligible	Long term	Minor	Negligible	No
Heathersett BOAT2	High	Negligible	Long term	Minor	Negligible	No
Heathersett FP3	High	Negligible	Long term	Minor	Negligible	No
Heathersett FP4	High	Negligible	Long term	Minor	Negligible	No
Heathersett FP5	High	Negligible	Long term	Minor	Negligible	No
Colney						
Community facilities						
Norwich University Hospital	High	Negligible	Long term	Minor	Negligible	No
Cringleford						
Residential properties						
Residential properties within Cringleford including Round House	High	Negligible	Long term	Minor	Negligible	No
Residential properties to the south of the A11, including Meadow Farm and Cringleford Hall	High	Negligible	Long term	Minor	Negligible	No
Newfound Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Cringleford FP1	High	Negligible	Long term	Minor	Negligible	No
Cringleford FP2	High	Negligible	Long term	Minor	Negligible	No
Cringleford FP3	High	Negligible	Long term	Minor	Negligible	No
Cringleford FP4	High	Negligible	Long term	Minor	Negligible	No
Cringleford FP4a	High	Negligible	Long term	Minor	Negligible	No
Cringleford BR5	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Norwich						
Residential properties						
Residential properties and hotels in the residential areas of Norwich including Earham, Eaton, Tuckswood, Old Lakenham and Lakenham on the southern edges of the city	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Norwich FP1	High	Negligible	Long term	Minor	Negligible	No
Norwich BR4	High	Negligible	Long term	Minor	Negligible	No
Marston Marshes	High	Negligible	Long term	Minor	Negligible	No
Tourist and recreational sites						
Earham Park, Eaton Park and the University of East Anglia	Medium	Negligible	Long term	Minor	negligible	No
Bixley						
Residential properties						
Arminghall village, including Church Farm	High	Negligible	Long term	Minor	Negligible	No
Group of properties around Manor House and Manor Farm	High	Negligible	Long term	Minor	Negligible	No
Properties on White Horse Lane	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Bixley FP1 and Bixley FP2 (part of The Boudicca Way)	High	Negligible	Long term	Minor	Negligible	No
Bixley FP3 and the very short section of Bixley FP5	High	Negligible	Long term	Minor	Negligible	No
Bixley FP6	High	Negligible	Long term	Minor	Negligible	No
Trowse with Newton						
Residential properties						
Trowse Newton village	High	Negligible	Long term	Minor	Negligible	No
Home Farm and along Kirby Road	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Trowse-with-Newton FP2	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Trowse-with-Newton FP3 (part of The Boudicca Way)	High	Negligible	Long term	Minor	Negligible	No
Trowse-with-Newton BR4	High	Negligible	Long term	Minor	Negligible	No
Trowse-with-Newton FP5	High	Negligible	Long term	Minor	Negligible	No
The Broads	High	Negligible	Long term	Minor	Negligible	No
Ketteringham						
Residential properties						
Ketteringham village including Ketteringham Hall and Ivy Farm Bed and Breakfast and properties west of Five Ways road	High	Negligible	Long term	Minor	Negligible	No
Properties along Cantley Lane, Cantley Farm, High View, Small Wood	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Heathersett FP6	High	Negligible	Long term	Minor	Negligible	No
Ketteringham FP1, Ketteringham FP3 and Ketteringham FP4	High	Negligible	Long term	Minor	Negligible	No
Ketteringham BR2 to visiting the monument at Five Ways	High	Negligible	Long term	Minor	Negligible	No
Keswick and Intwood						
Residential properties						
Residential and commercial properties around Keswick Hall, including Teacher Training College, Flagship Housing Group and Keswick Riding Stables to the north of the A47	High	Minor	Long term	Moderate	Minor	No
Properties at Home Farm, including Intwood Hall and those around All Saints Church	High	Negligible	Long term	Minor	Negligible	No
Keswick village and at Keswick Mill	High	Negligible	Long term	Minor	Minor	No
Public rights of way and Access Land						
Keswick RB1 and BR7	High	Negligible	Long term	Minor	Negligible	No
Keswick BR3	High	Negligible	Long term	Minor	Negligible	No
Keswick FP4 (part of Tas Valley Way)	High	Negligible	Long term	Minor	Negligible	No
Keswick BR5 (part of Tas Valley Way)	High	Moderate	Long term	Major	Moderate	Yes
Keswick BR6	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Keswick FP8	High	Minor	Long term	Moderate	Negligible	No
Dynamic routes						
Intwood Lane	Low	Negligible	Long term	Negligible to minor	Negligible	No
B113	Low	Moderate	Long term	Minor	Negligible	No
A47	Low	Moderate	Long term	Minor	Negligible	No
A140	Low	Negligible	Long term	Negligible to minor	Negligible	No
Low Road, Mill Road and Keswick Hall Road	Low	Minor	Long term	Negligible to minor	Negligible	No
East Carleton						
Residential properties						
Properties within East Carleton including Whitehouse Farm, Wymondham Road, Dodd's Hole, The Grove, Curzon Hall Farm and Manor Farm	High	Negligible	Long term	Minor	Negligible	No
Properties within Lower East Carleton including Valley Farm, Dairy Farm, North Farm and Park Lane	High	Minor	Long term	Minor to moderate	Minor	No
Public rights of way and Access Land						
East Carleton FP1, East Carleton FP2 and East Carleton FP3 form part of the Tas Valley Way	High	Negligible	Long term	Minor	Negligible	No
East Carleton FP4	High	Negligible	Long term	Minor	Negligible	No
East Carleton FP5	High	Negligible	Long term	Minor	Negligible	No
East Carleton FP6 and East Carleton FP7	High	Negligible	Long term	Minor	Negligible	No
East Carleton FP8	High	Negligible	Long term	Minor	Negligible	No
Swardeston						
Residential properties						
Swardeston village including The Smithy B&B, Swardeston House, properties along B1113 Main Road and The Wood	High	Minor	Long term	minor to moderate	Minor	No
Residential properties on Intwood Lane and Cavell House	High	Moderate	Long term	Moderate to major	Moderate	Yes
Mangreen Hall and Mangreen Hall Farm	High	Moderate	Long term	Moderate to major	Moderate	Yes
Swardeston Hall Farm and Growthorpe Manor	High	Minor	Long term	Minor to moderate	Minor	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Public rights of way and Access Land						
Swardeston FP1, Swardeston FP5 and Swardeston RB14	High	Minor	Long term	Minor to moderate	Minor	No
Swardeston FP2 (part of Tas Valley Way), Swardeston FP3, Swardeston FP4, Swardeston FP15, Swardeston FP16 and Swardeston FP17	High	Negligible	Long term	Minor	Negligible	No
Swardeston FP6, Swardeston FP7 and Swardeston BR9	High	Minor	Long term	Minor to moderate	Minor	No
Swardeston FP10, Swardeston BR11, Swardeston BR12 and Swardeston FP13	High	Negligible	Long term	Minor	Negligible	No
Tourist and recreational sites						
Swardeston village green, Swardeston Cricket Pitch, Swardeston Bowles Club and the children's play area	Medium	Negligible	Long term	Negligible to minor	Negligible	No
Lakenham-Hewett Rugby Football Ground and Norwich Sports Ground	Medium	Moderate	Long term	Moderate	Minor	No
Commercial and industrial sites						
Business properties within Swardeston village	Low	Minor	Long term	Negligible to minor	Negligible	No
Dynamic routes						
B1113	Low	Moderate	Long term	Minor	Negligible	No
Mangreen Lane	Low	Minor	Long term	Negligible to minor	Negligible	No
Gowthorpe Lane	Low	Minor	Long term	Negligible to minor	Negligible	No
The Common, Short Lane and Intwood Lane	Low	Moderate	Long term	Minor	Negligible	No
Caistor St Edmund						
Residential properties						
Caistor St Edmund including Rectory, Old Hall Farm, Church Farm, High Ash Farm, Caistor Hall Hotel and High Ash Farm	High	Negligible	Long term	Minor	Negligible	No
Harford Farm	High	Minor	Long term	Minor to moderate	Minor	No
Halfway House and the two properties to the north	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Public rights of way and Access Land						
Caistor St Edmund FP1, Caistor St Edmund FP3, Caistor St Edmund FP4 and Caistor St Edmund FP5 that all form part of the Boudicca Way Promoted Path	High	Negligible	Long term	Minor	Negligible	No
Caistor St Edmund FP2	High	Negligible	Long term	Minor	Negligible	No
Tourist and recreational sites						
Venta Icenorum Roman Town	Medium	Negligible	Long term	Negligible to minor	Negligible	No
Dynamic routes						
A47	Low	Minor	Long term	Negligible to minor	Negligible	No
A140	Low	Minor	Long term	Negligible to minor	Negligible	No
Markshall Road	Low	Minor	Long term	Negligible to minor	Negligible	No
Stoke Holy Cross						
Residential properties						
Stoke Holy Cross village including Salmanca House, Park House, Vicarage, Watering Farm, The Hall, Abbot's Farm, Malkin Farm	High	Negligible	Long term	Minor	Negligible	No
Upper Stoke village including Uplands Farm, Model Farm, Valley Farm, Whiteford Hall, Highfield Farm, Narborough House and Blackford Hall	High	Negligible	Long term	Minor	Negligible	No
Hamlet of Durston, including Durston Hall Hotel and Diane's Wood	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Stoke Holy Cross FP2 within Dunston nature reserve	High	Negligible	Long term	Minor	Negligible	No
Stoke Holy Cross BR3	High	Minor	Long term	Minor to moderate	Minor	No
Stoke Holy Cross FP4 and Stoke Holy Cross FP5	High	Negligible	Long term	Minor	Negligible	No
Stoke Holy Cross BR7	High	Negligible	Long term	Minor	Negligible	No
Dynamic routes						
Mangreen Lane	Low	Minor	Long term	Negligible to minor	Negligible	No
A140	Low	Negligible	Long term	Negligible to minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
Poringland						
Residential properties						
Abbot's Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Poringland FP1	High	Negligible	Long term	Minor	Negligible	No
Bracon Ash						
Residential properties						
Bracon Ash village including Lodge Farm, Mergate Farm, Mergate Hall, Bracon Hall, Hall Road Farm, Woodlands, Mergate Cottage B&B and properties at Hethel village including Church Farm and The Hethel Thorn	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Bracon Ash FP1, Bracon Ash FP2, Bracon Ash FP3, Bracon Ash FP4 and Bracon Ash FP18	High	Negligible	Long term	Minor	Negligible	No
Bracon Ash FP5, Bracon Ash FP6 and Bracon Ash FP17	High	Negligible	Long term	Minor	Negligible	No
Bracon Ash FP13 and Bracon Ash FP14 that form part of the Tas Valley Way	High	Negligible	Long term	Minor	Negligible	No
Bracon Ash FP16	High	Negligible	Long term	Minor	Negligible	No
Mulbarton						
Residential properties						
Mulbarton village including Paddock Farm, The old Hall, Old Hall Farm, Meadow Farm Cottage, properties on the B1113, Lodge Farm, Kennington Hall and Church Nursery	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Mulbarton FP1, Mulbarton FP3 and Mulbarton FP4, which form part of the Tas Valley Way Promoted Path	High	Negligible	Long term	Minor	Negligible	No
Mulbarton FP2	High	Negligible	Long term	Minor	Negligible	No
Mulbarton FP5 and Mulbarton Common, Access Land	High	Negligible	Long term	Minor	Negligible	No

Visual Receptor		Visual effects during operation and maintenance of the onshore HVDC converter / HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant
ulbarton FP6, Mulbarton FP7, Mulbarton FP8 and Mulbarton FP9	High	Negligible	Long term	Minor	Negligible	No
Mulbarton FP10, Mulbarton FP1 and Mulbarton FP12	High	Negligible	Long term	Minor	Negligible	No
Newton Flotman						
Residential properties						
Newton Flotman including Hillcrest Farm, Newton Greenways, Monks Farm, Church Farm, and properties at Brick Kiln Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Newton Flotman FP1 and Newton Flotman FP2	High	Negligible	Long term	Minor	Negligible	No
Swainsthorpe						
Residential properties						
Swainsthorpe including Glebe Farm and Church Farm	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Swainsthorpe FP1, Swainsthorpe BR2 and Swainsthorpe BR7	High	Negligible	Long term	Minor	Negligible	No
Swainsthorpe BR3	High	Negligible	Long term	Minor	Negligible	No
Swainsthorpe BOAT6	High	Negligible	Long term	Minor	Negligible	No
Shotesham						
Residential properties						
Shotesham Common including Hawes Green, and Church Farm	High	Negligible	Long term	Minor	Negligible	No
Plantation Farm and Skeetshill Farm	High	Negligible	Long term	Minor	Negligible	No
Shotesham Park and the property on Knights Lane	High	Negligible	Long term	Minor	Negligible	No
Public rights of way and Access Land						
Shotesham FP1 and those on Shotesham Common	High	Negligible	Long term	Minor	Negligible	No
Shotesham BR2 that forms part of Boudicca Way	High	Negligible	Long term	Minor	Negligible	No
Shotesham FP10	High	Negligible	Long term	Minor	Negligible	No

Table 1.12: Effects of the decommissioning of the onshore HVAC booster station on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVAC booster station during decommissioning		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Nearshore and Intertidal Area						
Designated Landscapes						
Barningham Hall RPaG	High	Negligible	Temporary	Minor	Negligible	No
Mannington Hall RPaG	High	Minor	Temporary	Minor	Negligible	No
Wolterton Hall RPaG	High	Negligible	Temporary	Minor	Negligible	No
National Landscape Character Areas (NLCAs)						
NCA78: Central North Norfolk	Medium	Moderate	Temporary	Moderate	Negligible	No
NCA84: Mid Norfolk	Medium	Minor	Temporary	Minor	Negligible	No
Local Landscape Character Areas (LCAs)						
North Norfolk District						
WP2: Holt Cromer Area	Medium	Minor	Temporary	Minor	Negligible	No
WP4: Wolterton and Mannington Halls	Medium	Minor	Temporary	Minor	Negligible	No
WP5: Plumstead and Barningham	Medium	Moderate	Temporary	Moderate	Negligible	No
WP7: Thursford, Swanton Novers and Melton Constable	Medium	Minor	Temporary	Minor	Negligible	No
LCA TF1: Morston and Hindringham	Medium	Minor	Temporary	Minor	Negligible	No
LCA TF2: Snoring, Stibbard and Hindolveston	Medium	Minor	Temporary	Minor	Negligible	No
LCA TF3: Hempstead, Bodham, Aylmerton and Wickmere Area	Medium	Moderate	Temporary	Moderate	Negligible	No
LCA SV3: Thornage to Brinton	Medium	Minor	Temporary	Minor	Negligible	No
LCA SV8: Gresham, Aldborough and Erpingham	Medium	Minor	Temporary	Minor	Negligible	No
LCA RHA2: Salthouse and Kelling Area	Medium	Minor	Temporary	Minor	Negligible	No
LCA LV5: Saxthorpe to Itteringham	Medium	Minor	Temporary	Minor	Negligible	No
Broadland District						
LCA A1: River Wensum Valley	Medium	Minor	Temporary	Minor	Negligible	No
LCA E1: Blickling and Oulton Wooded Estate lands	Medium	Minor	Temporary	Minor	Negligible	No

Table 1.13: Effects of the decommissioning of the onshore HVDC converter/HVAC substation on landscape resources and receptors.

Landscape resource/receptor		Landscape impacts of onshore HVDC converter/HVAC substation during decommissioning		Significance of effects (effect is adverse, unless otherwise stated)		
Landscape resource/receptor name	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant in EIA terms
Nearshore and Intertidal Area						
Designated Landscapes						
Intwood Hall RPaG	High	Minor	Temporary	Moderate	Negligible	No
River Valleys (South Norfolk Local Plan Policy DM4.5)	Medium	Minor	Temporary	Minor	Negligible	No
Norwich Southern Bypass Landscape Protection Zone (NSBLPZ) (South Norfolk Local Plan Policy DM4.6)	Medium	Moderate	Temporary	Moderate	Negligible	No
Viewing Cones (South Norfolk Local Plan Policy DM4.6)	Medium	Minor	Temporary	Minor	Negligible	No
National Landscape Character Areas (NCAs)						
NCA83: South Norfolk and High Suffolk Claylands	Medium	Minor	Temporary	Minor	Negligible	No
NCA84: Mid Norfolk	Medium	Moderate	Temporary	Moderate	Negligible	No
Local Landscape Character Areas (LCAs)						
South Norfolk District						
LCA A1: Tas Rural River Valley	Medium	Minor	Temporary	Minor	Negligible	No
LCA B1: Tas Tributary Farmland	Medium	Moderate	Temporary	Moderate	Negligible	No
LCA C1: Yare Tributary Farmland with Parkland	Medium	Minor	Temporary	Minor	Negligible	No
LCA D1: Wymondham Settled Plateau Farmland	Medium	Minor	Temporary	Minor	Negligible	No
LCA D2: Poringland Settled Plateau Farmland	Medium	Minor	Temporary	Minor	Negligible	No
LCA F1: Yare Valley Urban Fringe	Medium	Minor	Temporary	Minor	Negligible	No

Table 1.14: Effects of the decommissioning of the onshore HVAC booster station on visual receptors.

Viewpoint		Visual effects during decommissioning of the onshore HVAC booster station		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant/not significant
Edgefield						
Residential receptors						
Edgefield village including Green Farm, and some Residential receptors within the village of Edgefield Street, including Blackhall Farm	High	Negligible	Temporary	Minor	Negligible	No
Dotshill Cottage	High	Minor	Temporary	Moderate	Negligible	No
Fuel Farm	High	Minor	Temporary	Moderate	Negligible	No
Plumstead						
Residential receptors						
Range Farm	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Plumstead BR6	High	Negligible	Temporary	Minor	Negligible	No
Little Barningham						
Residential receptors						
Underwoods	High	Minor	Temporary	Moderate	Negligible	No
Public rights of way and Access Land						
Barningham BR1	High	Minor	Temporary	Moderate	Negligible	No
Little Barningham BR9	High	Minor	Temporary	Moderate	Negligible	
Corpusty and Saxthorpe						
Residential receptors						
Shrubbs Farm	High	Moderate	Temporary	Major	Negligible	Yes
Keepers Cottage	High	Moderate	Temporary	Major	Negligible	Yes
Public rights of way and Access Land						
Corpusty RB21	High	Moderate	Temporary	Major	Negligible	Yes

Table 1.15: Effects of the decommissioning of the onshore HVDC converter/HVAC Substation on visual resources and receptors.

Visual Receptor		Visual effects during decommissioning of the onshore HVDC converter/HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant/not significant
Keswick and Intwood						
Residential receptors						
Residential and commercial properties around Keswick Hall, including Teacher Training College, Flagship Housing Group and Keswick Riding Stables to the north of the A47	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Keswick BR5 (part of Tas Valley Way)	High	Moderate	Temporary	Major	Negligible	Yes
Keswick FP8	High	Minor	Temporary	Moderate	Negligible	No
East Carleton						
Residential receptors						
Properties within East Carleton including Whitehouse Farm, Wymondham Road, Dodd's Hole, The Grove, Curzon Hall Farm and Manor Farm	High	Negligible	Temporary	Minor	Negligible	No
Swardeston						
Residential receptors						
Swardeston village including The Smithy B&B, Swardeston House, properties along B1113 Main Road and The Wood	High	Negligible	Temporary	Minor	Negligible	No
Residential receptors on Intwood Lane and Cavell House	High	Moderate	Temporary	Major	Negligible	Yes
Mangreen Hall and Mangreen Hall Farm	High	Moderate	Temporary	Major	Negligible	Yes
Swardeston Hall Farm and Growthorpe Manor	High	Negligible	Temporary	Minor	Negligible	No
Public rights of way and Access Land						
Swardeston FP1, Swardeston FP5 and Swardeston RB14	High	Negligible	Temporary	Minor	Negligible	No
Swardeston FP6, Swardeston FP7 and Swardeston BR9	High	Minor	Temporary	Moderate	Negligible	No
Tourist and recreational sites						
Lakenham-Hewett Rugby Football Ground and Norwich Sports Ground	Medium	Moderate	Temporary	Moderate	Negligible	No

Visual Receptor		Visual effects during decommissioning of the onshore HVDC converter/HVAC Substation		Significance of effects (effect is adverse, unless otherwise stated)		
Viewpoint location	Sensitivity	Magnitude	Duration	Daytime	Night time	Significant/not significant
Caistor St. Edmund						
Residential receptors						
Harford Farm	High	Negligible	Temporary	Minor	Negligible	No
Stoke Holy Cross						
Public rights of way and Access Land						
Stoke Holy Cross BR3	High	Negligible	Temporary	Minor	Negligible	No