

# Tween Bridge Solar Farm

A Nationally Significant Infrastructure Project in the Energy Sector

**Preliminary Environmental Information Report** 

**Technical Appendix 6.5 - Viewpoint Assessment** 

October 2023



Visit: www.tweenbridgesolar.co.uk Email: info@tweenbridgesolar.co.uk

# 6. Detailed Visual Assessment

#### 6.1. Introduction

- 6.1.1. The following table provides a detailed visual assessment of the shortlisted viewpoints and includes the description of baseline views for all of the identified viewpoints. **Figures 1.1 to 30.3, Appendix 6.3** provide photographic evidence and support the assessment.
- 6.1.2. The assessment of the construction phase is written with reference to **Chapter 2**, The Scheme.
- 6.1.3. At the time of reporting of the PEIR detailed information on the construction, operation and decommissioning was unknown, detailed consideration of these will be set out in the subsequent appendices in the ES Chapter.

Viewpoint 1				
Public Right of W	ay (Thorne No.15)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	8m
Viewpoint Photographs:	Viewpoint 1.1A and Photomontage 1A	d 1.1B -1B (Both at Year 1 and Year 15)		

The viewpoint is situated on public right of way (Thorne No.15) which runs to the north of the Draft Order Limits, north of Parcel A. There are limited open views towards the site where there are gaps within the vegetation. The turbines associated with Tween Bridge windfarm are visible providing prominent vertical components in the view. The lattice pylons and overhead lines are other prominent vertical components. Agricultural sheds associated with Dairy Farm and units within the Coulman Road business park are also visible in the view. The majority of the view is occupied by arable fields with limited intervening vegetation delineating or dividing the fields. In the eastern portion of the view there is some visibility of properties forming the residential edge of Thorne and other agricultural buildings. Occasional individual trees and small blocks of trees from the edge of the western field and garden boundaries.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be clear open views, (where available through the gaps in vegetation) towards the site during the construction phase as the footpath lies directly north of Parcel A. As the construction phase progresses more of the development would become visible in the view.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the construction progresses.  Detailed consideration of this phase will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium -term, temporary – Major

Operational Phase:  The Scheme would occupy the entire view, (where gaps in the vegetation are available, other views would be filtered) which would consist of solar modules and perimeter fencing. The solar modules would be 3.5m high and fencing 1.8m high. The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the eastern part of the view, these include wind turbines and overhead lines. The upper parts of the wind turbines would be visible above the solar panels. The panels and fencing would dominate the view from the footpath with the undersides of the panels visible.  There would be likely views of the taller elements of the substations in Parcel A.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long-term, non- permanent – Major
Mitigation Measures:  It is proposed that planting would consist of new hedgerow planting adjacent to the full length of the perimeter fence.  Mitigation planting after year 15 would screen the solar panels from the footpath.	Very Low	Long-term, permanent – Minor
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.  Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary, and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major

Viewpoint 2				
Public Right of W	Public Right of Way (Thorne No.15)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	6m
Viewpoint Photographs:	Viewpoint 2.1A an	d 2.1B	,	,
Existing View:	1			

The viewpoint is situated at the north eastern extent of public right of way (Thorne 15), which is situated to the northern boundary of the Draft Order Limits, Parcel A. There are open views looking towards the scheme over the arable fields. In the western part of the view the woodland edge of Thorne Moors Nature Reserve forms a defined edge to the scheme. Existing turbines associated with Tween Bridge windfarm create prominent tall structures within the immediate landscape. Lattice pylons and overhead lines create other vertical elements in the more distant portion of the view. In the eastern part of the view agricultural buildings at Dairy Farm are visible.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The entire view from this open section of the footpath would be occupied with the Scheme. The panels would be visible along with the substation which would be visible in the western part of the view. As the construction phase progresses, infrastructure and vehicle movements would occupy more of the view.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major
Operational Phase:  The solar modules and substation in the north eastern edge of Parcel A would be visible due to the open nature of the view at this point. The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the eastern part of the view, these include wind turbines and overhead lines. There would be likely views of the taller elements of the substations in Parcel A.	High	Long -term, non- permanent Major

Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that planting would consist of new native hedgerow planting along the perimeter fence.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	High	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised, temporary and short-term.		permanent Major

# **Preliminary Environmental Information Report**

## **Appendix 6.5 Detailed Visual Assessment**

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 3				
Public Right of W	Public Right of Way (Thorne No.19)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	Within the Draft Order Limits
Viewpoint Photographs:	Viewpoint 3.1A an	d 3.1B a-3B (Both at Year 1 and Year 15)		

# **Existing View:**

The viewpoint is taken from public right of way (Thorne 19) from within the Draft Order Limits in the north western part of the Scheme, Parcel A. Tween Bridge turbines are prominent vertical features within the view. Overhead lines and associated lattice towers are also visible. There is the occasional scattered tree within what is prominently flat open agricultural land. There are trees and groups of trees visible in the distant views.

# **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be solar modules at 3.5m high in the northern part of the view to the north of the track, which forms part of Parcel A. Solar modules in the southern portion of Parcel A would be visible in the distance to the east. The substation is also likely to be visible in the distance to the east.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major
Operational Phase:  The northern part of the view, to the north of the track would be taken up with 3.5m high solar modules and fencing, which form part of Parcel A. Solar modules in the southern portion of Parcel A would be visible in the distance, in the eastern part of the view. The perimeter fencing borders the footpath on both sides of the existing track. The substations would be visible to the East of the view.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:	Very Low	Long -term, permanent

It is proposed that a hedgerow would follow the site boundary where the solar panels are situated.		Minor
The proposed that a heagerow wedia reliew the ote Soundary where the solar parieto are distanted.		
Planting would be maturing by 15 years and would screen the visibility of the panels completely.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning		
authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non-
		permanent
During the decommissioning phase views are likely to include the cranes and activities across		
different parts of the Energy Park but these would be highly localised, temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement		
once more detailed information is available.		

Viewpoint 4

Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	Within the Draft Order Limits
Viewpoint Photographs:	Viewpoint 4.1A a	nd 4.1B		

The viewpoint is taken from public right of way (Thorne No.19) in the northern part of the Draft Order Limits, Parcel A. There is a large presence of vertical infrastructure from the turbines associated with Tween Bridge windfarm. Overhead lines and lattice pylons are other vertical elements within the view. In the eastern part of the view the woodland edge of Thorne Moors Nature Reserve. In the western part of the view there is extensive woodland planting. The footpath stops at a dead end at this point where the track continuing to the east is secured by large steel gates and fencing.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	High	Medium-term, non- permanent

There would be solar modules at 3.5m high visible for the entire view either side of the footpath, within Parcel A. Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Major
Operational Phase:  The entire view would be taken up with 3.5m high solar modules, which form part of Parcel A. The solar modules would be at a much lower height than other vertical features already present in the eastern part of the view, these include wind turbines and overhead lines. perimeter fencing at 1.8m high would be visible from the footpath. The substations in Parcel A would be visible.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  Proposed mitigation includes native hedges adjacent to the perimeter fences with occasional hedgerow trees where they can be accommodated without shading the modules.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		

Cumulative Effects:			
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.			
Decommissioning Phase:	Medium	Medium-term,	non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate	
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.			

Viewpoint 5.1				
Stainforth and Ke	adby Canal Towpat	th (looking west in the direction of Thorne)		
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	Within the Draft Order Limits

Viewpoint Photographs:	Viewpoint 5.1A and 5.1B
	Photomontage 5.1A and 5.1B

The viewpoint is situated on the Stainforth and Keadby Canal Towpath looking west towards Thorne. The canal towpath forms part of the Isle Greenway (Thorne-Crowle-Ealand-Keadby-Scunthorpe). There are open views of the scheme in the northern part of view. The turbines associated with Tween Bridge windfarm are visible in the view. Narrow boats on the canal and recreational users would have open views to looking to the northern part of the site, including Parcels A and D. There is limited vegetation along the canal towpath and on the northern edge of the canal. Within the wider site there are isolated trees and hedgerows which in part break mark the edge of fields that form the scheme. Overhead lattice powerlines, wooden pole line and mast are visible in the view. In the western part of the view there is a wooded block which provides some site screening.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be solar modules at 3.5m high visible for the entire view either side of the canal towpath, within Parcels A and D.  In the southern part of the view in Parcel D the substation would be visible and associated equipment needed to erect the substation. This would increase as the construction of the solar farm progressed.		Medium-term, non- permanent Major

	T	
Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.		
This section of the canal requires a section of cabling between Parcels A and D. Detailed consideration will be considered in the ES chapter once the detail of this operation is known.		
Operational Phase:  The solar modules in Parcel A and D would be prominent in the view from users of the towpath and boat users on the canal, to both the north and south. It is likely that he substation, in Parcel A would be visible. The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the eastern part of the view, these include wind turbines, overhead lines, and mast.  To the south over, Parcel D of the views solar modules and substation (infrastructure) would be available. In part they would be broken up by existing vegetation present on site. There would be visibility of substations in Parcel A and F.  Further detail will be included in the next iteration of the Environmental Statement once more	High	Long -term, non- permanent Major
detailed information is available.  Mitigation Measures:		
micigation measures.		
A woodland screening band is proposed to the south of the panels, within Parcel A, set back from the canal. It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		

Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised, temporary, and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 5.2				
Stainforth and Ke	adby Canal Towpat	h (looking north to proposed scheme)		
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)

Footpath	High	High	High	Within the Draft Order Limits
Viewpoint Photographs:	Viewpoint 5.2A an	d 5.2B		
i notograpno.	Photomontage 5.2	2A and 5.2B		

The viewpoint is situated on the Stainforth and Keadby Canal Towpath and looks north towards the northern part of the site. The canal towpath forms part of the Isle Greenway (Thorne-Crowle-Ealand-Keadby-Scunthorpe). There are open views of the scheme as there is limited vegetation on the eastern edge of the canal. The turbines associated with Tween Bridge windfarm are visible in the view. Narrow boats on the canal and recreational users would have open views to looking to the northern part of the site over Parcel A. Within the wider site there are isolated trees and hedgerows which in part break up the fields that form the scheme. Overhead lattice powerlines, wooden pole line and masts are visible in the view.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be solar modules at 3.5m high visible for much of the view to the north of the canal towpath, within Parcel A.	High	Medium-term, non- permanent Major

Mitigation Measures:		
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the view, these include wind turbines, overhead lines, and mast. There would be visibility of substations in Parcel A and F.		
The solar modules within the northern part of the site, Parcel A would be prominent in the view from users of the towpath and boat users on the canal. The substation, in Parcel A is likely to be visible to the east of the view, as there is limited vegetation screening.		permanent Major
Operational Phase:	High	Long -term, non-
Detailed consideration of this phase will be included in the next iteration of the Environmental Statement once more detailed information is available.		
This section of the canal requires a section of cabling between Parcels A and D. Detailed consideration will be considered in the ES chapter once the detail of this element is known.		
Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.		
In the eastern part of the view the substation and battery storage would be visible and associated equipment needed to erect the substation and battery storage. This would increase as the construction of the solar farm progressed.		

A woodland screening band is proposed to the south of the panels, within Parcel A, set back from the canal. It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate

Viewpoint 5.3

Stainforth and Ke	eadby Canal Towp	ath (looking east towards Crowle)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity		Distance from the Scheme (Metres)
Footpath	High	High	High	-	Within the Draft Order Limits
Viewpoint	Viewpoint 5.3A a	and 5.3B		l	
Photographs:	Photomontage 5	3.3A and 5.3B			
Existing View:	1				
Crowle-Ealand-Kerecreational users site there are isol	eadby-Scunthorpe) would have open v	nforth and Keadby Canal Towpath looking east.  The turbines associated with Tween Bridge wing in the site, Parager of the site, Paragerows which in part break up the fields that for the site, Paragerows which in part break up the fields that for the site, Paragerows which in part break up the fields that for the site of the site	ndfarm are visible in the view. Nar cel A and to the south of the cana	row b	oats on the canal and el D. Within the wide
Predicted Visual	Impacts of Propos	ed Development			
Description of Pr	edicated View/Ch	ange	Magnitude Change	-	Nature and Significance of Effect

Construction Phase:  There would be solar modules at 3.5m high visible for the entire view either side of the canal towpath, within Parcels A and D.  In the northern part of the view in Parcel A, the substation and battery storage would be visible and associated equipment needed to erect the substation and battery storage. This would increase as the construction of the solar farm progressed.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  This section of the canal requires a section of cabling between Parcels A and D. Detailed consideration will be considered in the ES chapter once the detail of this element is known.  Detailed consideration of this phase will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major
Operational Phase:  The solar modules to the northern and south of the canal in Parcels A and D would be prominent in the view from users of the towpath and boat users on the canal. The substation would be visible to the western part of the view as there is limited vegetation screening.  The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the view, these include wind turbines, overhead lines, and mast. There would be visibility of substations in Parcel A and F.	High	Long -term, non- permanent Major

Further detail on this phase will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
A woodland screening band is proposed to the south of the panels, within Parcel A, set back from the canal. It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised, temporary, and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 5.4				
Stainforth and Ke	eadby Canal Towpa	th (looking south towards proposed schen	ne)	
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	Within the Draft Order Limits
Viewpoint Photographs:	Viewpoint 5.4A and Photomontage 5.			ļ

The viewpoint is situated on the Stainforth and Keadby Canal Towpath and looks south towards the southern part of the site. The canal towpath forms part of the Isle Greenway (Thorne-Crowle-Ealand-Keadby-Scunthorpe). There are relatively open views of the scheme as there is limited sporadic vegetation on the eastern edge of the canal. The turbines associated with Tween Bridge windfarm are visible in the view. Narrow boats on the canal and recreational users would have open views to looking to the northern part of the site, Parcel A and Parcel D to the south. Within the wider site there are isolated trees and hedgerows which in part break up the fields that form the scheme. Overhead lattice powerlines, wooden pole line and mast are visible in the view.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be solar modules at 3.5m high, predominantly visible in the southern part of the view within Parcel D. There would be some visibility of panels to the north within Parcel A.  In the southern part of the view the substation, in Parcel D would be visible and associated equipment needed to erect the substation. This would increase as the construction of the solar farm progressed.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  This section of the canal requires a section of cabling between Parcels A and D. Detailed consideration will be considered in the ES chapter once the detail of this element is known.  Detailed consideration of this phase will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major
Operational Phase:  The solar modules to the south within Parcel D would be prominent in the view from users of the towpath and boat users on the canal. The substation, in Parcel D would be visible as there is limited and sporadic vegetation screening along the towpath. There would be visibility of the substations in Parcel A and F.	High	Long -term, non- permanent Major

Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, nor permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 6.1						
Stainforth and Keadby Canal Towpath (Looking north west)						
Receptor Type						Distance from the Scheme (Metres)
Footpath	High	High		High		298m
Viewpoint Photographs:	Viewpoint 6.1A an	d 6.1B				
Existing View:  The viewpoint is situated on the Stainforth and Keadby Canal Towpath looking south west. The canal towpath forms part of the Isle Greenway (Thorne-Crowle-Ealand-Keadby-Scunthorpe). There are open views to towards the site to the western part of the view, towards Parcel E. The turbines associated with Tween Bridge windfarm are visible to the north of the canal. Existing vegetation on the banks of the canal including reeds with dispersed tree planting limit the extent in which views of the scheme would be visible users of the canal to the east of the view. Overhead lattice powerlines and railway signals are visible in the eastern part of the view.						
Predicted Visual Impacts of Proposed Development						
Description of Predicated View/Change  Magnitude of Change Signification			Nature and Significance of Effect			

Construction Phase:  There would be long range views of solar modules at 3.5m high within Parcel E at a distance of 310m from this viewpoint. Any of the panels south of the A18, Parcels M, N, O and P would not be visible due to intervening features and vegetation within the landscape. The number of panels and construction activity would intensify as the development increases.  In the eastern part of the view there would likely be visibility of equipment required to erect the solar farm. Visibility of solar panels would be limited due to embankment vegetation and isolated tree planting. In some parts the panels may be visible above the grassland vegetation on the embankment of the canal.  Cranes and the presence of vehicles within the Scheme would be visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major
Operational Phase:  The solar modules within Parcel E, to the south of the canal would be a 310m distance from the viewpoint. Any of the panels south of the A18, Parcels M, N, O and P would not be visible due to intervening features and vegetation within the landscape. Taller elements of the substations would visible in Parcel A.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major

Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 6.2

Stainforth and Keadby Canal Towpath (Looking south east)				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	High	High	High	298m
Viewpoint Viewpoint 6.2A and 6.2B Photographs:				

The viewpoint is situated on the Stainforth and Keadby Canal Towpath looking north east. The canal towpath forms part of the Isle Greenway (Thorn -Crowle-Ealand-Keadby-Scunthorpe). There are open views to towards parcel A and longer views towards Parcel B. The turbines associated with Tween Bridge windfarm are visible to the north east. Existing vegetation including reeds on the banks of the canal with dispersed tree planting limit the extent in which views of the scheme would be visible users of the canal to the north west. Overhead lattice powerlines and railway signals are visible in the eastern part of the view.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	High`	Medium-term, non- permanent

There would be limited and part views of solar modules at 3.5m high situated in Parcels A views towards parcel B are more screened by vegetation. Visibility is restricted along certain sections of the canal by grasses on the embankment and isolated trees on the canal edge.  Cranes and the presence of vehicles on the Scheme would be partially visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Major
Operational Phase:  The solar modules at 3.5m high are situated in Parcels A and B to the north east and north west of the canal. Visibility in part is restricted along certain sections of the canal by grasses on the embankment and isolated trees on the canal edge.  The taller elements of the substations would be visible in Parcel A.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		

Residual Effects:			
To be completed as part of the ES Chapter once detailed information is known.			
Cumulative Effects:			
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.			
Decommissioning Phase:	Medium	Medium-term, non	1-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate	
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.			

Viewpoint 7.1				
Clay Bank Road (L	_ooking north)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)

Road	Low	Medium	Medium	6m
Viewpoint Photographs:	Viewpoint 7.1A and	d 7.1B		

The viewpoint is taken from Clay Bank Road, located in the western part of the Scheme, south of Parcel D looking north. There are open views looking onto the Scheme which consists of agricultural land with no defined hedgerows. There is limited vegetation within the site itself, with the occasional tree. Tween Bridge windfarm turbines are visible in the distance.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be clear open views looking onto the site during the construction phase as Clay Bank Road lies directly south of Parcel D. As the construction phase increases more of the development would become visible in the view.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Medium-term, non- permanent  Moderate (road users)  Major (Isle Greenway)

Operational Phase:  The Scheme would occupy the entire view, which would consist of solar modules and perimeter fencing. The solar modules would be 3.5m high and fencing 1.8m high. The solar modules and associated infrastructure would be at a much lower height than other vertical features already present in the central part of the view, these include wind turbines of Tween Bridge wind farm. The upper parts of the wind turbines would be visible above the solar panels. The panels and fencing would dominate the view from the road with the panels visible. Taller substation elements are visible in view in Parcel D.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent  Moderate (road users)  Major (Isle Greenway)
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		

Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Medium	Medium-term, permanent Moderate	non-
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.			

Viewpoint 7.2				
Clay Bank Road (	Looking south)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Low	Medium	Medium	6m
Viewpoint Photographs:	Viewpoint 7.2A an	d 7.2B	1	1

The viewpoint is taken from Clay Bank Road, located in the western part of the Scheme, south of Parcel D looking south. There are open views looking towards the Scheme located beyond the A18 which consists of agricultural land with limited defined hedgerows.

Predicted Visual Impacts of Proposed Development			
Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect	
Construction Phase:  Parcel F of the scheme may be partially visible to the south beyond the A18 located 877m south east.  Cranes on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent  Moderate/Minor (road users)  Moderate/Minor (Isle Greenway)	
Operational Phase:  The Scheme, (Parcel F) may occupy a small part of the view, which would consist of solar modules and security fencing. The solar modules would be 3.5m high and fencing 1.8m high.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent  Moderate/Minor (road users)  Moderate/Minor (Isle Greenway)	

Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across		permanent   Moderate
different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

# Viewpoint 8

High Levels Bank (A18) at Double Bridges Road					
Receptor Type Value of View Receptor Susceptibility Receptor Sensitivity Distance from the Sensitivity Scheme (Metres)					
Road	Medium	Low	Medium	446m	
Viewpoint Photographs:	Viewpoint 8.1A to	8.1B			

## **Existing View:**

The viewpoint is taken from High Levels Bank (A18) at Double Bridges Road, to the north of Parcel F looking south. There are open agricultural fields which have the some but limited vegetation present, which mainly consists of small trees and broken hedgerows. In the western and eastern part of the views there are groups and clusters of trees which tend to be situated close to properties and farm buildings. In the distant views there are further tree blocks. Wooden pole lines cross through the flat open landscape.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	Medium	Medium-term, non-
The scheme would be visible in the distance with this viewpoint being 446m to the north of Parcel F. The visibility of the scheme would increase as the construction of the development increases.		Moderate Moderate

Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  The Scheme would occupy the central part of the view, Parcel F, which would consist of solar modules and security fencing. The solar modules would be 3.5m high and fencing 1.8m high. The nearest panels are situated 446m south of the viewpoint in Parcel F. The surrounding vegetation and farm buildings help to break up the development in the landscape.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium/Low	Medium-term, non- permanent Moderate/Minor

Viewpoint 9					
Tudworth Road (A	Tudworth Road (A18)				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)	
Road	Low	Low	Low	273m	
Viewpoint Photographs:	·				
Existing View:	Existing View:				

The viewpoint is taken from Tudworth Road (A18) to the west of Parcel G looking east. Traffic on the M18O and wind turbines are visible to the north east. Agricultural farm buildings are visible to both the north and south. The field is defined by a managed hedgerow along the A18. Wooden pole lines and lighting columns are visible vertical features. The landscape is flat with limited vegetation present within the fields. In the wider landscape there is dispersed blocks of trees and tree groups.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible at a distance of 273m from this viewpoint to Parcel G. The visibility of the scheme would increase as the construction of the development increases. The erection of solar panels and fencing would only be visible from this viewpoint.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate
Operational Phase:  The Scheme would occupy the central part of the view over Parcel G, which would consist of solar modules and security fencing. The solar modules would be 3.5m high and fencing 1.8m high. The nearest panels are situated 273m north east of the viewpoint in Parcel G. The surrounding	Medium	Long -term, non- permanent Moderate

vegetation and farm budlings help to break up the development in the landscape. Parcels F to the		
north of the M180 would not be visible due to the road embankment in this location.		
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium/Low	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised, temporary and short-term.		permanent  Moderate/Minor

# **Preliminary Environmental Information Report**

## **Appendix 6.5 Detailed Visual Assessment**

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 10				
Sandtoft Road				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Low	Low	Medium	446m
Viewpoint Photographs:	Viewpoint 10.1A to	o 10.1B		

## **Existing View:**

The viewpoint is situated on Sandtoft Road to the south of the site, south of Parcel G. The view looks north towards the scheme. There are open views towards the site. Views of turbines associated with Tween Bridge windfarm are visible in the distance. There is limited vegetation along the edge of the Sandtoft Road. In the eastern part of the view there is tree and woodland blocks which borders the schemes Draft Order Limits.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible at a distance of 446m from this viewpoint to Parcel G. The visibility of the scheme would increase as the construction of the development increases. The erection of solar panels and fencing would only be visible from this viewpoint.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate
Operational Phase:  The Scheme would occupy the central part of the view, Parcel G, which would consist of solar modules and perimeter fencing. The solar modules would be 3.5m high and fencing 1.8m high. The nearest panels are situated 446m north east of the viewpoint in Parcel G. The solar modules form a much lower height than other vertical features already present in the existing landscape, these include wind turbines of Tween Bridge wind farm.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Long -term, non- ermanent Moderate
Mitigation Measures:		

It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium/Low	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across		permanent
different parts of the Energy Park but these would be highly localised, temporary and short-term.		Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 11

Bull Moor Road/Public Right of Way (Hatfield No. 39)

Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road/ PRoW	Medium	Medium/High	High	783m
Viewpoint Photographs:	Viewpoint 11.1A to 11.1B			

## **Existing View:**

The viewpoint is situated on Bull Moor Road which is a gravel road used to access private properties. Part of Bull Moor Road forms part of Public Right of Way (Hatfield No.39). The photograph location is taken at the intersection of two public rights of way. There are clear open views towards the scheme. There are two properties situated in the eastern part of the view which have trees surrounding their curtilage to some degree. Within the distance there are the occasional woodland blocks, however these are limited. There are the occasional trees which tend to be along field boundaries which are often defined by drainage ditches. The turbines of Tween Bridge Windfarm are visible in the distance.

### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	Low	Medium-term, non-
The scheme is at a distance of 783m from this viewpoint to Parcel G to the north. The visibility of the scheme would increase as the construction of the development increases.		permanent  Moderate/Minor

Cranes and vehicles within the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.  Operational Phase:  The solar farm is at a distance of 783m from this viewpoint. The solar panels would create a horizontal line within the landscape which would be barely discernible to most receptors due to the vegetation in the background and surrounding landscape to the west and east of the view. The solar panels are much lower in height than existing features within the landscape which comprise of Tween Bridge windfarm and overhead powerlines and pylons.  The substations and other associated infrastructure would not be visible in the view due to intervening vegetation and the M18O would screen these elements.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		

To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Low	Medium-term, non- permanent Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 12				
Stainforth Moor Road				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Low	Low	Low	321m

Viewpoint Newpoint Ne	Viewpoint 12.1A to 12.1B
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## **Existing View:**

The viewpoint is situated on Stainforth Moor Road, located to the south of Parcel I. There are open views towards the scheme with limited vegetation between Stainforth Moor Road and the Draft Order Limits. There are isolated trees scattered in the view, with the occasional groups of trees which tend to be predominantly around properties. Isolated or groups of properties are located in the west and east of the views. Tween Bridge Windfarm is visible in the distant views.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme is at a distance of 321m from this viewpoint to Parcel I. The visibility of the scheme would increase as the construction of the development increases.  Cranes and vehicles within the Scheme would be visible in the distance and would increase as the	Low	Medium-term, non- permanent Moderate/Minor
development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Operational Phase:  The solar farm is at a distance of 321m from this viewpoint. The solar panels would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape assist in integrating the proposed scheme into the landscape. The solar panels are much lower in height that existing features within the landscape which comprise of Tween Bridge windfarm and overhead powerlines and pylons. The M18O creates a horizontal line within the landscape in which the solar farm would be sited to the south of the M18O.  The substations and other associated infrastructure would not be visible in the view due to intervening vegetation and the M18O would screen these elements.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.  Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.  Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised and temporary, and short-	Low	Medium-term, non- permanent Moderate/Minor
term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		inoderate/minor

Viewpoint 13				
High Levels Bank	High Levels Bank (A18) adjacent to Tithe Farm			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Medium	Medium	Medium	3m
Viewpoint Photographs:	Viewpoint 13.1A to	13.1B		

## **Existing View:**

The viewpoint is taken from High Levels Bank (A18), adjacent to Tithe Farm, to the north of Parcel F. There would be clear open views looking onto the site as the Draft Order Limits border the A18. The fields are agricultural land with no vegetation present within the fields. There is no defined edge between the A18 and the field boundary. In the distance there are isolated and groups of trees. Properties and farms are visible in the distant views more in the central and eastern part of the view.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme is at a distance of 3m from this viewpoint to Parcel F, in its most north east part of the Scheme. There would be clear open views of the scheme during the construction phase. The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Moderate
Operational Phase:	High	Long -term, non- permanent

The solar modules would form a prominent part of the view for users of the road as the solar farm in the western and central part of the view. There is no vegetation on the field boundary between Parcel F and the road. There would be clear open views of the solar modules, fencing and CCTV.	Moderate
In the eastern part of the view, the proposed scheme is at a distance of 667m, to Parcel D to east of the viewpoint. Due to intervening vegetation and features within the landscape the solar farm would be barely discernible from this location. There is potential for views of the taller elements of the substation, in Parcel F protruding above the solar modules.	
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	
Mitigation Measures:	
It is proposed that perimeter fences are planted with mixed native hedgerows.	
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.	
Residual Effects:	
To be completed as part of the ES Chapter once detailed information is known.	
Cumulative Effects:	
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.	

Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Medium	Medium-term, non- permanent Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 14				
Crow Tree Bank				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Medium	Low	Medium	On edge of Draft Order Limits
Viewpoint Photographs:	Viewpoint 14.1A to	14.1B	,	
Existing View:	1			

The viewpoint is taken from Crow Tree Bank, in the corner of Parcel L. The view looks onto open agricultural fields. The wind turbines associated with Tween Bridge Wind farm are visible in the distance. There are occasional individual trees on the field boundaries. In the distance there are small woodland blocks which will assist in containing the scheme. Farm buildings are visible in the distant views in the eastern part of the view.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme lies on the edge of the order limits at Parcel L, to the east of the viewpoint. There would be clear open views of the scheme during the construction phase. The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Properties on Crow Tree Bank would have upper storey views looking onto the proposed scheme.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Moderate
Operational Phase:  The solar modules would form a prominent part of the view for users of the road as the solar farm.  A low cut hedgerow runs along the western boundary of Parcel L. There is no vegetation within the	High	Long -term, non- permanent Moderate

field. Properties to the west of Parcel L, along Crow Tree Bank would have upper storey views onto the solar farm. There would be clear open views of the solar modules, fencing and CCTV.	
The solar modules are much lower in height than existing infrastructure present in the landscape, which include Tween Bridge wind farm and in the distance two other windfarms are visible in the view. Overhead power lines and pylons are visible in the distance. There is likely be distant views of the taller elements of the substations in Parcel F and D.	
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	
Mitigation Measures:	
It is proposed that perimeter fences are planted with mixed native hedgerows.	
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.	
Residual Effects:	
To be completed as part of the ES Chapter once detailed information is known.	
Cumulative Effects:	
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.	

During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Medium-term, non- permanent Moderate/Minor
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Viewpoint 15						
Crow Tree Bank o	Crow Tree Bank on Bridge over M180					
Receptor Type	Value of View Receptor Susceptibility Receptor Sensitivity Distance from the Scheme (Metres)					
Road	Low	Low	Low	48m		
Viewpoint Viewpoint 15.1A and 15.1B Photographs: Photomontage 15.1B (Both at Year 1 and Year 15)						
Existing View:	1					

The viewpoint is situated on the Crow Tree Bank on the road bridge over the M18O, situated between Parcels F and K. The view is looking north west. In the eastern part of the view there is substantial tree planting which would assist with screening this part of the scheme from travellers on the M18O. However, there would be open views towards the site from Crow Tree Bank where there are gaps within the vegetation.

In the western part of the site there are more views towards the site. There are hedgerow and trees, along with isolated trees scattered throughout the landscape. There would be open views from both Crow Tree Bank and the M180.

### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme lies 48m to the north at its closest point in Parcel K and east of the viewpoint at Parcel F.	Medium	Medium-term, non- permanent Moderate
There would be open views of the scheme during the construction phase but in part are slightly filtered due to intervening vegetation. The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.		
Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.		
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Operational Phase:  There would be open views of Parcels F and H but in part views are filtered by intervening vegetation. The solar modules cover the entire fields. The existing surrounding vegetation assists in breaking up the development. The surrounding colours in the landscape assist in integrating the solar farm into the landscape.  Parcels H to the west of the viewpoint integrate into the surrounding landscape by the intervening and surrounding vegetation. For road users of the M18O views are likely to be filtered where there are gaps within the vegetation. There would be distant views of the taller elements of the substation in Parcel F protruding above the solar panels.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Long -term, non- permanent Moderate
Mitigation Measures:  Proposed hedgerow planting to the south of the panels in Parcels H, I and K.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium/Low	Medium-term, non- permanent Moderate/Minor

Viewpoint 16					
High Levels Bank	High Levels Bank (A18) looking north				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivit		
Road	Low	Low	Low	21m	
Viewpoint Photographs:	Viewpoint 16.1A to	16.1B		,	
Existing View:					

The viewpoint represents views from High Levels Bank (A18) to the north of Parcel N and south east of Parcel E. The view consists of flat open agricultural fields with a gappy hedgerow defining the field boundary. There is limited vegetation within the fields themselves but in the western and eastern part of the view and central but distant views there are trees and small clusters of trees that form small woodland blocks. The turbines associated with Tween Bridge wind farm are visible in the view. Individual properties are also visible in the view.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme lies at its closest point of 21m to the west of the view, at Parcel N. There would be open views of the scheme during the construction phase of the project where there is limited vegetation screening provided by gaps in the vegetation.  Visibility of construction of the proposed scheme in the eastern part of the scheme, Parcel E would be limited due to intervening vegetation and distance.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent Moderate/Minor

Operational Phase:  The solar farm at its closest point is 21m from Parcel N. The solar panels would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape assist in integrating the proposed scheme into the landscape. The solar panels are much lower in height that existing features within the landscape which comprise of Tween Bridge windfarm and overhead powerlines and pylons.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		

Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Medium-term, non- permanent Moderate/Minor
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Viewpoint 17						
High Levels Bank	High Levels Bank (A18) looking south					
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)		
Road	Low	Low	Low	12m		
Viewpoint Viewpoint 17.1A to 17.1C Photographs:						
Existing View:						

The viewpoint represents views from High Levels Bank (A18) to the north of Parcel N. There would be open views looking onto the Scheme which consists of agricultural land. There is no vegetation present within the field. In both the western and eastern part of the view there is tree and groups of tree planting. In the distance there are further tree and blocks of tree planting.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme lies at its closest point of 21m to the west of the view, at Parcel N. There would be open views of the scheme during the construction phase of the project as there is limited vegetation screening long the eastern field boundary. In parts there are some isolated tree and linear groups of trees which provide some screening.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate
Operational Phase:  The solar farm at its closest point is 21m to the west of this view, at Parcel N. The solar farm would be visible from the road with clear open views. There are some tree and linear tree groups along	Medium	Long -term, non- permanent

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the eastern boundary of Parcel N which provide some screening. Fencing and CCTV would be visible from this location. There would be visibility of the substation in Parcel N.		Moderate
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium/Low	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		permanent  Moderate/Minor

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 18					
Low Levels Bank					
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)	
Road	Low	Low	Low	611m	
Viewpoint Photographs:					

### **Existing View:**

The viewpoint is situated on Low Levels Bank, to the south of the scheme, Parcel N. There are open fields between the scheme and the viewpoint location. There are linear lines of tree planting which limits the extent of the visibility of the scheme. There are glimpses of lorries as they travel along the M18O, where there are gaps within the vegetation. The blades of the turbines are visible in the distance. Wooden pole lines run along the boundary of the field with Low Levels Bank and along the eastern boundary.

Predicted Visual Impacts of Proposed Development				
Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect		
Construction Phase:  There would be limited visibility from this location due to the distance and intervening features within the landscape. The M18O road embankments and surrounding vegetation also limit visibility.  Cranes and the presence of vehicles on the Scheme would be visible and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Very Low	Medium-term, non- permanent Minor		
Operational Phase:  There would be limited visibility from this location due to the distance and intervening features within the landscape. The M18O road embankments and surrounding vegetation also limit visibility. There is likely views of the taller infrastructure of the substation in Parcel N protruding above the solar modules.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Very Low	Long -term, non- permanent Minor		
Mitigation Measures:				

Low	Medium-term, non-
	permanent
	Moderate/Minor
	Low

Viewpoint 19

Jacque's Bank, near Groves Cottage

Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Medium	Low	Medium	490m
Viewpoint Photographs:	Viewpoint 19.1A to	19.1B		

## **Existing View:**

The viewpoint is situated on Jacque's Bank, located to the east and south of the scheme, Parcels B and E. The viewpoint looks southwest towards Parcel E. There is no vegetation in the immediate view. In the middle distant views, there are clusters of trees scattered throughout the landscape. In the eastern part of the view the wind turbines of Tween Bridge Wind farm and lattice pylons and overhead lines form prominent vertical elements within the view. There are isolated properties within the view.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape assist in integrating the proposed scheme into the landscape.	Low	Medium-term, non- permanent Moderate/Minor

The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  The solar panels would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape would assist in integrating the proposed scheme into the landscape. The solar panels are much lower in height that existing features within the landscape which comprise of Tween Bridge windfarm and overhead powerlines and pylons. There is likely distant views of the taller infrastructure of the substation in Parcel A, protruding above the solar modules.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		

Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Low	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 20					
Crook o'Moor Roa	Crook o'Moor Road (BOAT)				
Receptor Type	Value of View	Receptor Susceptibility		Receptor Sensitivity	Distance from the Scheme (Metres)

Footpath	Medium	High	High	Within the Order Limits	Draft
Viewpoint Photographs:	Viewpoint 20.1A to	o 20.1B			

## **Existing View:**

The viewpoint is taken from Crook o'Moor Road, situated in the eastern part of the scheme and borders the western edge of Parcel B. The viewpoint represents users of a Public Right of Way. The road also provides access to properties. There are clear open views across the fields with no vegetation alongside the ditch lined field. In the eastern part of the view there is a dense group of trees which borders the south eastern boundary of the scheme, in Parcel B. There are isolated trees scattered throughout the fields in the middle-distance views. The wooden pole line and lattice overhead lines are visible in the view and create prominent vertical features within the landscape.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be clear open visibility of the construction of the proposed scheme as there is no	High	Medium-term, non- permanent
vegetation screening to be boundary of Parcel B. The south western boundary of the field, Parcel B is heavily vegetated and contains the sites visibility.		Major
The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.		

Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  There would be clear open views of the proposed scheme, which would consist of solar panels, fencing and CCTV. There is no vegetation screening long the north western boundary of the field in Parcel B. The scheme would be a prominent feature in the view, particularly when looking to the east of the footpath. There would likely be distant views of the substation in Parcel A.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High/Medium	Medium-term, non- permanent Major/Moderate

Viewpoint 21				
Moor Road/Peatlands Way				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	500m
Viewpoint Photographs:	Viewpoint 21.1A to	21.B 1A to 21.1B (Both at Year 1 and Year 15)		

The viewpoint is taken from Moor Road, which forms part of the long distance footpath Peatlands Way. The Peatlands Way is situated to the north of Parcel B. Wooden pole lines, lattice pylons and overhead lines and the wind turbines associated with Tween Bridge windfarm are in the distance. Individual properties and farmsteads are visible in the view. There is a large green agricultural building which is prominent in the view. There is a woodland block in the eastern and most distant portion of the view which forms part of the Nature Reserve to the north of the scheme. There are individual trees or small groups of trees scattered throughout the landscape which are predominantly in the middle distance views.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be some visibility in the distance during the construction phase but it occupies a small proportion of the view. The surrounding vegetation and agricultural shed assist in screening and integrating the proposed scheme into the landscape.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Medium-term, non- permanent Moderate

Operational Phase:  The solar panels would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape assist in integrating the proposed scheme into the landscape. The agricultural buildings also screen part of the proposed scheme. The scheme occupies a small proportion of the view.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Long -term, non- permanent Moderate/Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		

different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.  Moderate/Minor	Detailed consideration of this will be included in the next iteration of the Environmental Statement	Low	Medium-term, non- permanent Moderate/Minor
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Viewpoint 22				
Bridleway No.18, Near Crowle				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	398m
Viewpoint Photographs:	Viewpoint 22.1A to	o 22.1C		,

The viewpoint is taken from bridleway, No.18 located to the east of the scheme, Parcel B. There is limited vegetation in the immediate foreground, other than the occasional scattered individual tree. The edge of the nature reserve to the north of scheme is visible in the distant views. The

presence of wind turbines associated with Tween Bridge windfarm, overhead lines and lattice pylons are visible in the distance and create vertical structures in the view.

# **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be some visibility in the distance during the construction phase but it occupies a small proportion of the view. The surrounding vegetation and agricultural shed assist in screening and integrating the proposed scheme into the landscape.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent Moderate/Minor
Operational Phase:  The solar panels would create a horizontal line within the landscape. The vegetation in the background and surrounding landscape assist in integrating the proposed scheme into the	Low	Long -term, non- permanent Moderate/Minor

landscape. The agricultural building to the west of the view also screens part of the proposed scheme. The scheme occupies a small proportion of the overall view.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Low	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		permanent  Moderate/Minor

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 23.1					
Idle Bank on Bridge over M180 (Looking west)					
Receptor Type	Value of View	Receptor Susceptibility		eceptor ensitivity	Distance from the Scheme (Metres)
Road	Low	Low	Lo	ow	67m
Viewpoint Photographs:	Viewpoint 23.1A to		1		,

The viewpoint is taken from Idle Bank over the M180 and looks north west towards the scheme and is situated between Parcels N and O. There would be open views of the scheme from Idle Bank and M180 where there are gaps within the vegetation. There is some tree planting which runs alongside the M180 but there are gaps within the planting that create open views in both the western and eastern part of the view. There is the occasional hedgerow, which are often gappy. In the distant views there are groups and clusters of trees. Wooden poles and wind turbines associated with Tween Bridge windfarm are visible in the distant views.

Predicted Visual Impacts of Proposed Development				
Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect		
Construction Phase:  There would be visibility during the construction phase. The surrounding vegetation assists with some degree of screening and integration of the proposed scheme into the landscape. Visibility of the scheme would be more prominent in the central part of the view to the east of the M180. Visibility of the scheme would be more prominent from Idle Bank due to the elevated position than views experienced from the M180. Vegetation limits the extent of the views from road users which would offer more filtered views towards the scheme.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Moderate		
Operational Phase:  There would be open views looking towards the scheme from this elevated position on the Idle Bank on Bridge over M18O and is predominantly in the central part of the view. There are panels in the	Medium	Long -term, non- permanent Moderate		

western part of the view but existing vegetation assists with screening and limiting the visibility of the scheme.	
Visibility of the scheme would be more prominent from Idle Bank due to the elevated position than views experienced from the M18O. Vegetation limits the extent of the views from road users which would offer more filtered views towards the scheme. Likely for distant views of the taller infrastructure associated with the substation in Parcel N.	
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	
Mitigation Measures:	
Mitigation planting consist of gapping up vegetation where there are gaps within the existing vegetation in Parcel N. In Parcel O proposed hedgerow is proposed to the southern edge of the panels.	
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.	
Residual Effects:	
To be completed as part of the ES Chapter once detailed information is known.	
Cumulative Effects:	
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.	

Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Medium/Low	Medium-term, non- permanent Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 23.2					
Idle Bank on Brid	ge over M180 (Looki	ng north)			
Receptor Type	Value of View	Receptor Susceptibility		ceptor nsitivity	Distance from the Scheme (Metres)
Road	Low	Low	Lov	N	67m
Viewpoint Photographs:	Viewpoint 23.2A t Photomontage 23				

The viewpoint is taken from Idle Bank over the M18O and looks north towards the scheme and is situated between Parcels N and O. There would be open views of the scheme from Idle Bank and M18O where there are gaps within the vegetation. There is some tree planting which runs

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alongside the M180 but there are gaps within the planting that create open views in both the western and eastern part of the view. There is the occasional hedgerow, which are often gappy. In the distant views there are groups and clusters of trees. Wooden poles and wind turbines associated with Tween Bridge windfarm are visible in the distant views in the western part of the view and there are other wind turbines in the eastern part of the view. There would be open views to both sides of the road from users of the Idle Bank.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	High	Medium-term, non- permanent
The scheme would be highly visible during the construction phase. The surrounding vegetation assists with some degree of screening and integrating the proposed scheme into the landscape. Visibility of the scheme is more prominent in the central and eastern part of the view to the east of the M18O. Visibility of the scheme is more prominent from Idle Bank due to the elevated position than views experienced from the M18O. Vegetation limits the extent of the views from road users which would offer more filtered views towards the scheme.		Moderate
The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.		
Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.		
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Operational Phase:  There would be clear open views looking towards the scheme from this elevated position on the Idle Bank on Bridge over M18O which would occupy the entire view. The panels would form a prominent part of the view and there is limited vegetation to break up the development parcels.  Visibility of the scheme would be more prominent from Idle Bank due to the elevated position than views experienced from the M18O. Vegetation would limit the extent of the views from road users which would offer more filtered views towards the scheme. Likely for distant views of the taller infrastructure associated with the substation in Parcel N.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non-permanent  Moderate
Mitigation Measures:		
Mitigation planting consist of gapping up vegetation where there are gaps within the existing vegetation in Parcel N. In Parcel O proposed hedgerow is proposed to the southern edge of the panels.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		

	d as part of the ES schemes are to be	Chapter once the applicant has agreed with local planning included.		
different parts of Detailed consider	mmissioning phase the Energy Park but	views are likely to include the cranes and activities across these would be highly localised temporary and short-term. included in the next iteration of the Environmental Statement ailable.	Medium/Low	Medium-term, non- permanent Moderate/Minor
Viewpoint 23.3				
Idle Bank on Brid	ge over M180 (Lool	king east)		
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Road	Low	Low	Low	67m
Viewpoint Photographs:	Viewpoint 23.3A Photomontage 2		1	1
Existing View:				

The viewpoint is taken from Idle Bank over the M18O and is situated between Parcels N. There would be open views of the scheme from Idle Bank and M18O where there are gaps within the vegetation. There is some tree planting which runs alongside the M18O but there are gaps within the planting that create open views in both the western and eastern part of the view. In the distant views there are groups and clusters of trees. Wind turbines are visible in the distant views in the eastern part of the view.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible during the construction phase, in the eastern part of the view. The surrounding vegetation assists with some degree of screening and integrating the proposed scheme into the landscape. Visibility of the scheme is more prominent from Idle Bank due to the elevated position than views experienced from the M180. Vegetation limits the extent of the views from road users which would offer more filtered views towards the scheme.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Medium-term, non- permanent Moderate

Operational Phase:  There would be clear open views looking towards the scheme from this elevated position on the Idle Bank on Bridge over M18O which would occupy the entire view. The panels would form a prominent part of the view and there is limited vegetation to break up the development parcels.  Visibility of the scheme would be more prominent from Idle Bank due to the elevated position than views experienced from the M18O. Vegetation limits the extent of the views from road users which would offer more filtered views towards the scheme. Likely for distant views of the taller infrastructure associated with the substation in Parcel P.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Moderate
Mitigation Measures:  Mitigation planting consists of gapping up vegetation where there are gaps within the existing vegetation in Parcel N. In Parcel O proposed hedgerow is proposed to the southern edge of the panels.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.  Cumulative Effects:		

To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium/Low	Medium-term, non- permanent Moderate/Minor

Viewpoint 24					
Minor road adjac	Minor road adjacent to North Engine Drain looking south east				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)	
Road	Medium	Medium	Medium	14m	
Viewpoint Viewpoint 24.1A to 24.1B Photographs:					
Existing View:					

The viewpoint is taken from a minor road adjacent to North Engine Drain which is located to the north of Parcel P. The road and field are separated by a drainage ditch. The landscape is large, expansive, and flat with no vegetation present within the field other than on the edges of the field. Vegetation along these boundaries consists of tree and groups of trees which are often dense in parts. A wooden pole line is visible in western part of the view.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible and prominent during the construction phase. The surrounding vegetation assists with some degree of screening and integrating the proposed scheme into the landscape, this is predominantly to north and south of Parcel P.  The visibility of solar panels and associated infrastructure wouldl increase as the construction of the development increases.  Cranes and vehicles within the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Moderate
Operational Phase:	High	Long -term, non- permanent

There would be open views of the scheme with panels, fencing and CCTV visible in the view. The vegetation to the north and south of Parcel P, would provide some containment of the solar farm. There is a substation proposed in Parcel P, which would be visible in the view above the panels.  Further detail will be included in the next iteration of the Environmental Statement once more		Moderate
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Medium/Low	Medium-term, non- permanent Moderate/Minor

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 25				
Minor road adjacent to North Engine Drain looking south west				
Receptor Type Value of View Receptor Susceptibility Receptor Sensitivity Distance from Scheme (Metres)				
Road	Medium	Medium	Medium	7m
Viewpoint Photographs:	Viewpoint 25.1A t	o 25.1B	,	ı

The viewpoint is taken from a minor road adjacent to North Engine Drain, to the north of Parcel P. The road and field are separated by a drainage ditch. There is no vegetation present within the flat open field but there is linear tree planting which is dense in most part. The eastern edge of the Scheme is defined by linear tree planting.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible and prominent during the construction phase. The surrounding vegetation would assists to some degree of screening and integrating the proposed scheme into the landscape, this is predominantly to north and south of Parcel P.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Moderate
Operational Phase:  There would be open views of the scheme with panels, fencing and CCTV visible in the view. The vegetation to the north, south and west of Parcel P, provides some containment of the solar farm which would limit the overall extent to which the solar farm is visible beyond Parcel P. There is a substation proposed within Parcel P, which would be visible above the panels.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Moderate

Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium/Low	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		permanent  Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 26

Public Right of Way No.21				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	47m
Viewpoint Photographs:	Viewpoint 26.1A to		,	

The viewpoint represents users of the Public Right of Way 21, which runs to the eastern edge of the scheme, Parcel P. There are open views looking on to the site and no vegetation along the field edge which is denotated by a ditch. There are some hedgerows, which are in part gappy and incomplete. There are isolated trees and small clusters of trees within the distance and beyond. In the eastern part of the view there are woodland edge planting which runs along the eastern edge of the scheme which defines the boundary of The Lincolnshire Golf Course'.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:	High	Medium-term, non- permanent

The scheme would be visible and prominent during the construction phase. The surrounding vegetation would assist to some degree with screening and integrating the proposed scheme into the landscape, this is predominantly to north, south and west of Parcel P.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles within the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		Major
Operational Phase:  There would be open views of the scheme with panels, fencing and CCTV visible in the view. The vegetation to the north, south and west of Parcel P, would provide some containment of the solar farm which limits the overall extent to which the solar farm is visible beyond Parcel P. There is a substation proposed in Parcel P, which would be visible with taller infrastructure associated with the substation sitting above the panels.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows and a woodland and scrub copse is planted along the south eastern boundary of Parcel P.		

To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate

Viewpoint 27

Stainforth and Keadby Canal Towpath (looking south east)

Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	38m
Viewpoint Photographs:	Viewpoint 27.1A to 27.1C			

The viewpoint represents users on the Stainforth and Keadby Canal and towpath. There are small trees which are either isolated or in clusters that provide and element of screening. However, there are gaps within the vegetation which allow for open views into the wider landscape. Vertical structures such as wind turbines associated with Tween Bridge windfarm and lattice pylons are visible in the view. A number of individual properties are visible in the view. The view looks north east along the canal.

### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  The scheme would be visible and prominent during the construction phase. The surrounding vegetation would assist with some degree of screening and integrating the proposed scheme into the landscape, this is predominantly to north, south and west of Parcel D. There is existing	High	Medium-term, non- permanent Major

vegetation, although gappy in parts does assist with breaking the views across Parcel D from views at this location.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  There would be open views of the scheme with panels, fencing and CCTV visible in the view. The vegetation to the north, south and west of Parcel D would provide some containment of the solar farm which limits the overall extent to which the solar farm is visible beyond Parcel D. There is existing vegetation, although gappy in parts does assist with breaking the views across Parcel D from views at this location.  There substation proposed in Parcel D, this is unlikely to be visible.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.		

To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate

Viewpoint 28.1

Stainforth and Keadby Canal Towpath, towards Clay Bank Farm (looking north)

Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	30m
Viewpoint Photographs:	Viewpoint 28.1A to 28.1B			

The viewpoint represents views from users of the Stainforth and Keadby Canal, looking north towards the site. There is limited vegetation on the edge of the canal, with the occasional isolated tree. There are isolated trees and groups of trees within the middle distance views. Overhead lines, lattice pylons, masts and wind turbines associated with Tween Bridge wind farm are tall vertical elements within the landscape. Power station is visible in the distant views.

# **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be visibility during the construction phase. The nearest panels are set back at a of	Medium	Medium-term, non- permanent
distance of 339m to the north, Parcel A. There is some existing vegetation in the immediate foreground which assists in breaking up the development. The panels would form a horizontal line within the landscape.		Moderate

The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  There would be visibility of the scheme, although the nearest panels are located 339m in Parcel A to the north. The solar panels would form a horizontal line in the view. The turbines would sit amongst the solar panels and associated equipment as part of the proposed scheme. Intervening vegetation within the field boundaries would break up the extent to which the scheme would be visible.  The substation would be visible in the distance in Parcel A and is likely to be visible above the panels.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Long -term, non- permanent Moderate
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		

Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 28.2				
Stainforth and Ke	adby Canal Towpat	h, towards Clay Bank Farm (looking south east)		
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)

Footpath	Medium	High	High	30m
Viewpoint Photographs:	Viewpoint 28.2A t	o 28.2B		

The viewpoint represents users of the Stainforth and Keadby Canal and towpath. It represents views looking east towards the scheme and includes Parcels A and D. There are open views looking towards the scheme, where in parts has no vegetation. There are some sections where the canal is tree lined but there are open sections which offer wider views of the landscape beyond. In the middle distance views there are isolated trees or groups of trees. Road users on the A18 and Clay Bank Road are visible in the distant views. Isolated properties and farmsteads are visible in the view.

### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be visibility during the construction phase to both the west and east of the view. The nearest panels are set back at a of distance of 30m to the east. There is limited vegetation in the immediate foreground to assist in screening the development.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.	High	Medium-term, non- permanent Major

Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  There would be visibility of the scheme to the west and east of the view. In the western part of the view the panels are set back at a distance of 339m and there is intervening vegetation which assists breaking up the development. The scheme would form a horizontal view within the landscape.  The substation would be visible in the distance in Parcel A.  The eastern part of the view the panels are located 30m away from the footpath. There would be clear visibility looking onto the scheme with solar panels, fencing and CCTV. The scheme would occupy a large proportion of the view. The substation would be visible in the distance in Parcel D.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		

Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 28.3				
Stainforth and Ke	adby Canal Towpat	h, towards Clay Bank Farm (looking south)		
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)

Footpath	Medium	High	High	30m
Viewpoint Photographs:	Viewpoint 28.3A t	o 23.3B		

The viewpoint represents views from the Stainforth and Keadby Canal Towpath looking south. The viewpoint lies to the south of Parcel A and north of Parcel D. There are open views from the towpath looking onto flat agricultural land with the canal and the field divided by a drainage ditch. There is limited vegetation present with the fields. There are the occasional trees scattered through the field. In distant views there are trees and groups of trees. Individual properties and farms are visible in the distance.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be visibility during the construction phase to both the west and east of the view. The nearest panels would be set back at a of distance of 30m. There is limited vegetation in the immediate foreground to assist in screening the development.	High	Medium-term, non- permanent Major
The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.		

Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Operational Phase:  There would be visibility of the scheme which looks south from the canal footpath.  The panels are located 30m away from the footpath. There would be clear visibility looking to the scheme with solar panels, fencing and CCTV visible. The scheme would occupy the entire view. The substation would be visible in the distance in Parcel D.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.  Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.		

Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across		permanent
different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 28.4					
Stainforth and Keadby Canal Towpath, towards Clay Bank Farm (looking west)					
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)	
Footpath	Medium	High	High	30m	
Viewpoint Photographs:	Viewpoint 28.4A to 28.4B				

## **Existing View:**

The viewpoint represents views from users of the Stainforth and Keadby Canal. There is limited vegetation on the edge of the canal, with the occasional isolated tree. A drainage ditch runs alongside the canal towpath and the edge of the field. There are isolated trees and groups of trees within the middle distance views. There are grasses and reeds which run within the drainage ditches. Individual properties and farms are visible in the view. The landscape is flat, low lying and open.

### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be visibility during the construction phase to both the west and east of the view. The nearest panels are set back at a of distance of 30m. There is limited vegetation in the immediate foreground to assist in screening the development.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Medium-term, non- permanent Major

Operational Phase:  There would be visibility of the scheme which looks south from the canal towpath.  The panels are located 30m away from the towpath to the south. There would clear visibility looking onto the scheme with solar panels, fencing and CCTV. The scheme would occupy the entire view. The substation would be visible in the distance in Parcel A and D.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	High	Long -term, non- permanent Major
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.  Cumulative Effects:  To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		

Decommissioning Phase:  During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.	Medium	Medium-term, non- permanent Moderate
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 29				
Stainforth and Keadby Canal Towpath				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	65m
Viewpoint Viewpoint 29.1A to 29.1C Photographs:				

### **Existing View:**

The viewpoint represents users of the Stainforth and Keadby Canal Towpath and canal users. There are open views towards the scheme with limited vegetation on the edge of the canal, other than tall grasses and reeds with the occasional tree. Vertical features associated with wind

turbines as part of Tween Bridge Windfarm and lattice pylons and overhead lines provide vertical elements which contrast with the low lying landscape. There are further wind turbines visible in the distance.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be visibility during the construction phase. The nearest panels within Parcel B are set back at a of distance of 65m to the east. There is some existing vegetation in the immediate foreground which assists in breaking up the development. The panels would form a horizontal line within the landscape. In the eastern part of the view the vegetation would in part screen this part of the panels.  The visibility of solar panels and associated infrastructure would increase as the construction of the development increases.  Cranes and vehicles on the Scheme would be visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Medium	Medium-term, non- permanent Moderate
Operational Phase:  There would be visibility of the scheme, although the nearest panels are located 65m north in Parcel B. The solar panels would form a horizontal line in the view. The intervening vegetation within	Medium	Long -term, non- permanent

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immediate foreground breaks up the extent to which the scheme would be visible. The scheme would be less visible in the eastern part of the view due to the vegetation on the embankment to the canal.		Moderate
Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Medium	Medium-term, non-
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate

# **Preliminary Environmental Information Report**

## **Appendix 6.5 Detailed Visual Assessment**

Detailed consideration of this will be included in the next iteration of the Environmental Statement	
once more detailed information is available.	

Viewpoint 30.1				
Stainforth and Keadby Canal Towpath (Looking south east towards Crowle)				
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	618m
Viewpoint Photographs:	Viewpoint 30.1A to	o 30.1B		

## **Existing View:**

The viewpoint represents users of the on the towpath of the Stainforth and Keadby Canal looking south east heading in the direction of Crowle. There is tree belt planting along the edge of the canal but there are gaps within the vegetation which offer views out to the wider landscape. There are isolated trees and groups of trees in the distance. Where there are gaps within the vegetation views are available over the open agricultural fields. There is boundary tree planting which provides some containment.

## **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be limited visibility during the construction phase which would be limited to cranes on the Scheme visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent Moderate/Minor
Operational Phase:  There would be no visibility of the proposed scheme due to screening from vegetation and intervening features in the landscape and distance from the scheme.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Very Low	Long -term, non- permanent Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		

To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Low	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 30.2				
Stainforth and Ke	Stainforth and Keadby Canal Towpath (Looking south)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivity	Distance from the Scheme (Metres)
Footpath	Medium	High	High	618m

Viewpoint	
Photographs:	

Viewpoint 30.2A to 30.2B

#### **Existing View:**

The viewpoint represents users of the Stainforth and Keadby Canal, looking south towards the A18. Alongside the canal are trees which line the canal towpath and provide an element of screening. There are open gaps within the vegetation which allow views into the wider landscape. There are isolated trees and groups of trees in the distance. Isolated properties and farmsteads are visible in the view. A new native hedgerow has recently been planted adjacent to the towpath.

#### **Predicted Visual Impacts of Proposed Development**

Description of Predicated View/Change	Magnitude of Change	Nature and Significance of Effect
Construction Phase:  There would be limited visibility during the construction phase which would be limited to cranes on the Scheme visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent Moderate/Minor
Operational Phase:  There would be no visibility of the proposed scheme due to screening from vegetation and intervening features in the landscape and distance from the scheme.	Very Low	Long -term, non- permanent Minor

Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.		
Mitigation Measures:		
It is proposed that perimeter fences are planted with mixed native hedgerows.		
To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:		
To be completed as part of the ES Chapter once detailed information is known.		
Cumulative Effects:		
To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Low	Medium-term, non- permanent
During the decommissioning phase views are likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

Viewpoint 30.3					
Stainforth and Ke	eadby Canal Towpa	th (Looking north west towards Thorne)			
Receptor Type	Value of View	Receptor Susceptibility	Receptor Sensitivit	у	Distance from th Scheme (Metres)
Footpath	Medium	High	High		618m
Viewpoint Photographs:	Viewpoint 30.3A to 30.3B				
are open sections trees. Isolated pr	where vegetation is roperties and farms he canal where reed	e towpath of the Stainforth and Keadby Ca s limited, particularly in the western part of teads are visible in the view. In the easte beds are present. The tips of the wind tu	the view. Within the distant vin part of the view there are i	iews ther solated t	e are tree and groups ( rees and slightly grade
Predicted Visual	Impacts of Propose	ed Development			
Description of Pr	edicated View/Cha	nge	Magnitud Change	e of	Nature an

Construction Phase:  There would be limited visibility during the construction phase which would be limited to cranes on the Scheme visible in the distance and would increase as the development construction intensifies.  Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.	Low	Medium-term, non- permanent Moderate/Minor
Operational Phase:  There would be no visibility of the proposed scheme due to screening from vegetation and intervening features in the landscape and distance from the scheme.  Further detail will be included in the next iteration of the Environmental Statement once more detailed information is available.	Very Low	Long -term, non- permanent Minor
Mitigation Measures:  It is proposed that perimeter fences are planted with mixed native hedgerows.  To be completed as part of the ES Chapter when a detailed mitigation strategy for the overall scheme is available.		
Residual Effects:  To be completed as part of the ES Chapter once detailed information is known.  Cumulative Effects:		

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To be completed as part of the ES Chapter once the applicant has agreed with local planning authorities which schemes are to be included.		
Decommissioning Phase:	Low	Medium-term, non-
During the decommissioning phase views would be likely to include the cranes and activities across different parts of the Energy Park but these would be highly localised temporary and short-term.		Moderate/Minor
Detailed consideration of this will be included in the next iteration of the Environmental Statement once more detailed information is available.		

