# Appendix 6.1

**LVIA Viewpoint Review** 





## North Killingholme Power Project

Non-Material Change to Development Consent Order

**Environmental Report** 

**Appendix 6.1 – LVIA VIEWPOINT REVIEW** 

**C.GEN Killingholme Limited** 

**C.GEN** 

#### 1 LVIA VIEWPOINT REVIEW

A review of the 2013 LVIA viewpoint assessment was undertaken (Table 1) with reference to updated photo-panoramas (Appendix Figures 6.1-6.14) to aid the understanding of the changes to the baseline on the 2013 assessment findings.

**Table 1 – Viewpoint Assessment Review** 

1.5km NW  Substantial Adverse  Reference was made in 2013 to the presence of the KPS-A and KPS-B as prominent features on the skyline and that the Project (Scenario E) would be very dominant and out of scale with them. As shown in 2019 photo-panorama the absence of KPS-A and the stacks of KPS-B is apparent but the cooling towers at KPS-B, pylons, and structures relating to the oil refineries are still a
Reference was made in 2013 to the presence of the KPS-A and KPS-B as prominent features on the skyline and that the Project (Scenario E) would be very dominant and out of scale with them. As shown in 2019 photo-panorama the absence of KPS-A and the stacks of KPS-B is apparent but the cooling towers at KPS-B,
KPS-B as prominent features on the skyline and that the Project (Scenario E) would be very dominant and out of scale with them. As shown in 2019 photo-panorama the absence of KPS-A and the stacks of KPS-B is apparent but the cooling towers at KPS-B,
noticeable part of the view, retaining the overall industrial character.  It is considered that the presence of the KPS-A and the stacks of KPS-B did not reduce the original assessed effects, in that the Project was assessed as a prominent feature regardless. It is considered that the Project would still be seen in the context of an industrial area, particularly at this close distance (1.5km) and that the removal of KPS-A and the stacks of KPS-B has no major bearing on this assessment.
2. Fort Paull
7.0km NNE
Slight Adverse
At 7km from the viewpoint, the Project would lie on the distant skyline in an extensive industrial area where KPS-A and KPS-B were also visible but not particularly prominent within the overall view.  The absence of the KPS-A and KPS-B stacks is therefore not particularly noticeable and the loss of such features would result in no change to the 2013 LVIA.
CIKP Ciitt

Viewpoint	3. Nev Cole Way	
Distance/Direction	4.2km N	
2013 Significance of Effect (Operation)	Moderate Adverse	
2020 Review	The orientation of this viewpoint in relation to the Project is surthat the KPS-A and KPS-B lie in front of the oil refinery stacks other industrial buildings within a relatively small horizontal exof the view.  The absence of the KPS-A and KPS-B stacks is therefore not particularly noticeable and the loss of such features would res in no change to the 2013 LVIA.	
Viewpoint	4. Nicholson Road, North Killingholme	
Distance/Direction	1.5km SSW	
2013 Significance of Effect (Operation)	Moderate Adverse	
2020 Review	The upper parts of the KPS-A lay framed within the view from this location. Its absence is therefore readily noticeable. Stacks from the oil refineries and pylons are still apparent in the wider view. The assessment of the Project considered that it would (in Scenario E) be significantly taller than the KPS-A and that the Project would become a prominent feature on its own over the intervening trees and structures. With the KPS-A now removed, it would appear to reintroduce the industrial element within the centre of the view. However, it is considered that the presence of the KPS-A did not reduce the original assessed effects, in that the Project was assessed as a prominent feature regardless. Therefore, this does not change the original judgement of Moderate Adverse. It should also be recognised that this is essentially a glimpsed view along a footpath in a field and not typical of the view along the whole route.	

Viewpoint	5. Staple Road, South Killingholme		
Distance/Direction	3.8km S		
2013 Significance of Effect (Operation)	Slight Adverse		
2020 Review	The KPS-A and KPS-B stacks are difficult to differentiate in the original 2013 view from the oil refinery stacks that lay in front of them. Their absence in the 2019 view is not noticeable. Therefore, this change would not have any bearing on the 2013 assessment of the Project made at this viewpoint.		
Viewpoint	6. Habrough Road, South Killingholme		
Distance/Direction	5.5km S		
2013 Significance of Effect (Operation)	Slight Adverse		
2020 Review	The orientation of this viewpoint is such that the Project and KPS-A and KPS-B lay beyond and behind the numerous oil refinery stacks and buildings. The absence of the KPS-A and KPS-B stacks in the 2019 view is not noticeable. Therefore, this change would not have any bearing on the original assessment of the Project made at this viewpoint.		
Viewpoint	7. East Halton Road		
Distance/Direction	1.3km NW		
2013 Significance of Effect (Operation)	Substantial Adverse		
2020 Review	The stacks of the KPS-A and KPS-B were visible above the trees to the right of view, along with the slightly less prominent oil refinery stacks and pylons. The absence of the stacks is noticeable in the view. The Project will form a major change, framed in the centre of the view. Regardless of the presence of the KPS-A and KPS-B stacks, the Project will still have a substantial adverse effect. Therefore, the absence of KPS-A and KPS-B stacks would not have any bearing on the original 2013 assessment of the Project made at this viewpoint.		

Viewpoint	8. Goxhill Hall Gatehouse
Distance/Direction	5.0km NW
2013 Significance of Effect (Operation)	Slight Adverse
2020 Review	The Project would remain largely screened with no clear view of the KPS-A or KPS-B in the original view. Therefore, the absence of KPS-A and KPS-B stacks would not have any bearing on the original 2013 assessment of the Project made at this viewpoint.
Viewpoint	9. Thornton Abbey and Gatehouse
Distance/Direction	3.0km WNW
2013 Significance of Effect (Operation)	Slight Adverse
2020 Review	The Project would remain largely screened with no clear view of the KPS-A or KPS-B in the original view. Therefore, the absence of KPS-A and KPS-B stacks would not have any bearing on the original 2013 assessment of the Project made at this viewpoint.
Viewpoint	10. College Road (near Thornton Abbey)
Distance/Direction	3.0km WNW
2013 Significance of Effect (Operation)	Slight Adverse
2020 Review	The KPS-A and KPS-B stacks were visible in original view between the Project and the oil refinery stacks. The Project was described as extending the existing industrial development. At the time of visiting the viewpoint in 2019, the foreground hedgerow had not been cut, so open views towards the industrial and site area were not as clear as in the 2013 LVIA. The Project will continue to be partially screened by vegetation but there will potentially be a perceptible gap between the visible industry elements and the Project. However, this will still be within a related horizontal extent so that it does not appear to be isolated. Therefore, the original assessment is still valid.

Viewpoint	11. Station Road, Ulceby	
Distance/Direction	5.2km SW	
2013 Significance of Effect (Operation)	Slight Adverse	
2020 Review	The KPS-A and KPS-B stacks were visible on the distant horizon within the context of dominant pylon lines and the oil refinery stacks. Their absence is not readily noticeable within the 2019 view. Therefore, the absence of KPS-A and KPS-B stacks would not have any bearing on the original 2013 assessment of the Project made at this viewpoint.	
Viewpoint	12. Kirmington Village Centre	
Distance/Direction	8.2km SSW	
2013 Significance of Effect (Operation)	Neutral	
2020 Review	The Project would remain largely screened with no clear view of the KPS-A or KPS-B in the original view. Therefore, the absence of KPS-A and KPS-B stacks would not have any bearing on the original 2013 assessment of the Project made at this viewpoint.	
Viewpoint	13. Cherry Cobb Sands Road	
Distance/Direction	8.0km E	
2013 Significance of Effect (Operation)	Slight Adverse	
2020 Review	Industry spreads across a long horizontal extent of the south side of the Humber. The KPS-A and KPS-B stacks were visible between the oil refineries and the site. Their absence is apparent, reducing the number of vertical features between the oil refinery stacks and the Project. However, within the overall industrial context of the view, the Project would still be considered a slight adverse change.	

Viewpoint	PEIR VP10a - Clough Lane/Haven Road		
Distance/Direction	0.2km SSE		
2013 Significance of Effect (Operation)	Substantial Adverse		
2020 Review	This viewpoint lies at the edge of the Project where it would be a major change to the view. KPS-A was previously visible in close context. At this distance, its absence would potentially reduce cumulative effects rather than change the assessment of effects of the Project on its own.		
Viewpoint	PEIR VP10b - North Killingholme Haven*		
<b>Distance/Direction</b>	0.25km SSE		
Distance/Direction  2013 Significance of Effect (Operation)	0.25km SSE  Substantial Adverse		



VP1 - East Halton: existing view (September 2019)



**VP1** - East Halton: existing view (January 2013)

These images provide landscape and visual context only

Viewp	Viewpoint 1: East Halton			
Viewpo	oint Grid Reference oint Height: ce to Site:	-	Direction of View Towards Site: Photograph Date: Camera Height:	SE As shown 1.6m

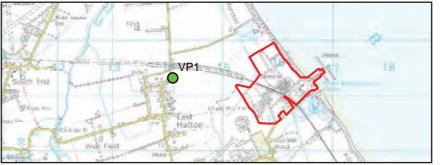




FIGURE 6.1A



**VP1** - East Halton: existing view (September 2019)



**VP1** - East Halton: photomontage (January 2013)
These images provide landscape and visual context only

Viewpoint 1: East Halton			
Vlewpoint Grid Reference		Direction of View Towards Site:	SE
Viewpoint Height:		Photograph Date:	As shown
Distance to Site:		Camera Height:	1.6m

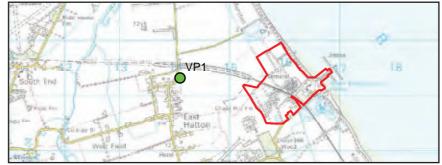




FIGURE 6.1B



VP2 - Fort Paull: existing view (September 2019)



**VP2** - Fort Paull: existing view (January 2013)

These images provide landscape and visual context only

Viewpoint 2: Fort Paul			
Vlewpoint Grid Reference: 516667, 426042		<b>Direction of View Towards Site:</b>	SSW
Viewpoint Height: 2m AOD		Photograph Date:	As shown
Distance to Site:	7km	Camera Height:	1.6m





FIGURE 6.2A



**VP2** - Fort Paull: existing view (September 2019)



As shown

1.6m

**VP2** - Fort Paull: photomontage (January 2013)

These images provide landscape and visual context only

#### Viewpoint 2: Fort Paull

Vlewpoint Grid Reference: 516667, 426042 **Direction of View Towards Site: SSW** Viewpoint Height: **Photograph Date:** 2m AOD Distance to Site: 7km Camera Height:





NORTH KILLINGHOLME POWER PROJECT **VIEWPOINT PHOTOGRAPHS** 

FIGURE 6.2B



**VP3** - Nev Cole Way: existing view (September 2019)



**VP3** - Nev Cole Way: existing view (January 2013)

These images provide landscape and visual context only

Viewpoint 3: Nev Cole Way		
Vlewpoint Grid Reference: 514585, 422887	<b>Direction of View Towards Site:</b>	S
Viewpoint Height: 3m AOD	Photograph Date:	As shown
Distance to Site: 4.2km	Camera Height:	1.6m



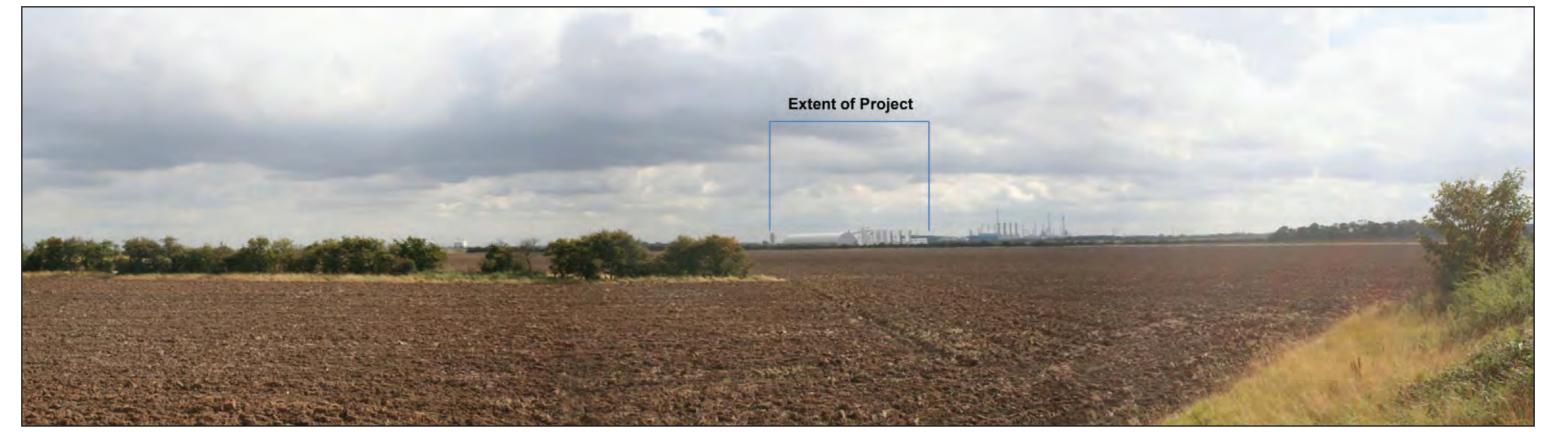


VIEWPOINT PHOTOGRAPHS

FIGURE 6.3A



VP3 - Nev Cole Way: existing view (September 2019)



**VP3** - Nev Cole Way: photomontage (January 2013)
These images provide landscape and visual context only

Viewpoint 3: Nev Cole	Way		
Vlewpoint Grid Reference: 514585, 422887		<b>Direction of View Towards Site:</b>	S
Viewpoint Height:	3m AOD	Photograph Date:	As shown
Distance to Site:	4.2km	Camera Height:	1.6m





VIEWPOINT PHOTOGRAPHS

FIGURE 6.3B



VP4 - Nicholson Road, North Killingholme: existing view (September 2019)



**VP4** - Nicholson Road, North Killingholme: existing view (January 2013) These images provide landscape and visual context only

### Viewpoint 4: Nicholson Road, North Killingholme

Viewpoint Grid Reference: 514437, 417434Direction of View Towards Site: NNEViewpoint Height:16m AODPhotograph Date:As shownDistance to Site:1.5kmCamera Height:1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.4A



VP4 - Nicholson Road, North Killingholme: existing view (September 2019)



**VP4 -** Nicholson Road, North Killingholme: photomontage (January 2013) These images provide landscape and visual context only

## Viewpoint 4: Nicholson Road, North Killingholme Viewpoint Grid Reference: 514437, 417434 | Direction of Viewpoint Grid Reference: 514437, 417434 | Direction Office: 514437, 4174

Viewpoint Height: 16m AOD Distance to Site: 1.5km

Direction of View Towards Site: NNE
Photograph Date: As shown
Camera Height: 1.6m

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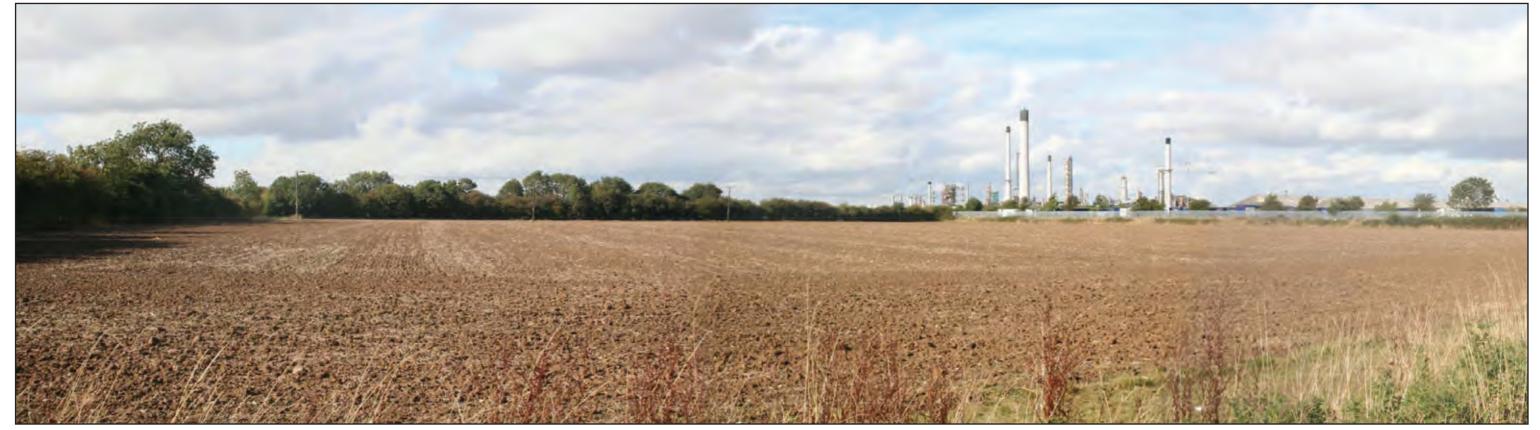


NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.4B



**VP5** - Staple Road, South Killingholme: existing view (September 2019)



**VP5** - Staple Road, South Killingholme: existing view (January 2013) These images provide landscape and visual context only

#### Viewpoint 5: Staple Road, South Killingholme

Viewpoint Grid Reference: 515159, 416422Direction of View Towards Site: NViewpoint Height:11m AODPhotograph Date:As

Distance to Site: 3.8km Cam

Photograph Date: As shown
Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.5A



VP5 - Staple Road, South Killingholme: existing view (September 2019)



**VP5 -** Staple Road, South Killingholme: photomontage (January 2013) These images provide landscape and visual context only

Viewpoint 5: Staple Road, South Killingholme			
Vlewpoint Grid Reference: 515159, 416422		<b>Direction of View Towards Site:</b>	N
Viewpoint Height:	11m AOD	Photograph Date:	As shown
Distance to Site:	3.8km	Camera Height:	1.6m





FIGURE 6.5B



VP6 - Habrough Road, South Killingholme: existing view (September 2019)



**VP6** - Habrough Road, South Killingholme:existing view (January 2013)

These images provide landscape and visual context only

### Viewpoint 6: Habrough Road, South Killingholme Viewpoint Grid Reference: 515380, 414715 | Direction of View To

Viewpoint Height: 12m AOD
Distance to Site: 5.5km

Direction of View Towards Site: N

Photograph Date: As shown Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.6A



VP6 - Habrough Road, South Killingholme: existing view (September 2019)



**VP6** - Habrough Road, South Killingholme: photomontage (January 2013) These images provide landscape and visual context only

Viewpoint 6: Habrough Road, South Killingholme					
Vlewpoint Grid Reference: 515380, 414715   Direction of View Towards Site: N					
Viewpoint Height:	12m AOD	Photograph Date:	As shown		
Distance to Site:	5.5km	Camera Height:	1.6m		





FIGURE 6.6B



VP7 - East Halton Road: existing view (September 2019)



**VP7** - East Halton Road: existing view (January 2013)

These images provide landscape and visual context only

Viewpoint 7: East Halton Road					
Vlewpoint Grid Referen	ce: 514131, 419702	<b>Direction of View Towards Site:</b>	NE		
Viewpoint Height:	10m AOD	Photograph Date:	As shown		
Distance to Site:	1.3km	Camera Height:	1.6m		







**VP7** - East Halton Road: existing view (September 2019)



**VP7** - East Halton Road: photomontage (January 2013)
These images provide landscape and visual context only

Viewpoint 7: East Halt	Viewpoint 7: East Halton Road				
<b>Vlewpoint Grid Reference</b>	: 514131, 419702	Direction of View Towards Site:	NE		
Viewpoint Height:	10m AOD	Photograph Date:	As shown		
Distance to Site:	1.3km	Camera Height:	1.6m		





FIGURE 6.7B



VP8 - Goxhill Hall Gatehouse: existing view (September 2019)



**VP8** - Goxhill Hall Gatehouse: existing view (January 2013)
These images provide landscape and visual context only

Viewpoint 8: Goxhill	Viewpoint 8: Goxhill Hall Gatehouse					
Vlewpoint Grid Referen	ce: 511396, 420533	<b>Direction of View Towards Site:</b>	ESE			
Viewpoint Height:	6m AOD	Photograph Date:	As shown			
Distance to Site:	5km	Camera Height:	1.6m			





FIGURE 6.8A



**VP8** - Goxhill Hall Gatehouse: existing view (September 2019)



**VP8** - Goxhill Hall Gatehouse: photomontage (January 2013)
These images provide landscape and visual context only

## Viewpoint 8: Goxhill Hall Gatehouse Viewpoint Grid Reference: 511396, 420533 Direct

Viewpoint Height: 6m AOD
Distance to Site: 5km

Direction of View Towards Site: ESE
Photograph Date: As shown
Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.8B



VP9 - Thornton Abbey and Gatehouse: existing view (September 2019)



**VP9** - Thornton Abbey and Gatehouse: existing view (January 2013)
These images provide landscape and visual context only

Viewpoint 9: Thornton Abbey and Gatehouse					
Vlewpoint Grid Reference: 511876, 419103 Direction of View Towards Site: ENE					
Viewpoint Height:	3m AOD	Photograph Date:	As shown		
Distance to Site:	3km	Camera Height:	1.6m		





FIGURE 6.9A



VP9 - Thornton Abbey and Gatehouse: existing view (September 2019)



**VP9** - Thornton Abbey and Gatehouse: photomontage (January 2013)

These images provide landscape and visual context only

Viewpoint 9: Thornton Abbey and Gatehouse					
Vlewpoint Grid Reference: 511876, 419103   Direction of View Towards Site: ENE					
Viewpoint Height:	3m AOD	Photograph Date:	As shown		
Distance to Site:	3km	Camera Height:	1.6m		





VIEWPOINT PHOTOGRAPHS

FIGURE 6.9B



VP10 - College Road (near Thornton Abbey): existing view (September 2019)



**VP10** - College Road (near Thornton Abbey): existing view (January 2013) These images provide landscape and visual context only

#### Viewpoint 10: College Road (near Thornton Abbey)

Viewpoint Grid Reference: 512676, 419304<br/>Viewpoint Height:Direction of View Towards Site: ENE<br/>Photograph Date:As shown<br/>Camera Height:1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.10A



**VP10** - College Road (near Thornton Abbey): existing view (September 2019)



**VP10** - College Road (near Thornton Abbey): photomontage (January 2013) These images provide landscape and visual context only

#### Viewpoint 10: College Road (near Thornton Abbey)

Vlewpoint Grid Reference: 512676, 419304
Viewpoint Height: 7m AOD
Distance to Site: 3km

Direction of View Towards Site: ENE
Photograph Date: As shown
Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.10B



**VP11** - Station Road, Ulceby: existing view (September 2019)



**VP11** - Station Road, Ulceby: existing view (January 2013) These images provide landscape and visual context only

	Viewpoint	11:	Station	Road,	Ulceby	
- 1						

Vlewpoint Grid Reference: 511921, 414910
Viewpoint Height: 23m AOD
Distance to Site: 5.2km

Direction of View Towards Site: NE
Photograph Date: As shown
Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.11A



**VP11** - Station Road, Ulceby: existing view (September 2019)



**VP11** - Station Road, Ulceby: photomontage (January 2013) These images provide landscape and visual context only

Viewpoint 11: Station Road, Ulceby					
Vlewpoint Grid Reference: 511921, 414910   Direction of View Towards Site: NE					
Viewpoint Height:	23m AOD	Photograph Date:	As shown		
Distance to Site:	5.2km	Camera Height:	1.6m		





FIGURE 6.11B



**VP12** - Kirmington VIIIage Centre: existing view (September 2019)



**VP12** - Kirmington VIllage Centre: existing view (January 2013)

These images provide landscape and visual context only

## Viewpoint 12: Kirmington VIIIage Centre Viewpoint Grid Reference: 510621, 411387 | Dir

Viewpoint Height: 23m AOD Distance to Site: 8.2km

Direction of View Towards Site: NNE
Photograph Date: As shown
Camera Height: 1.6m





NORTH KILLINGHOLME POWER PROJECT VIEWPOINT PHOTOGRAPHS

FIGURE 6.12A



**VP12** - Kirmington VIIIage Centre: existing view (September 2019)



**VP12** - Kirmington VIIIage Centre: photomontage (January 2013)
These images provide landscape and visual context only

Viewpoint 12: Kirming	Viewpoint 12: Kirmington VIIIage Centre					
Vlewpoint Grid Reference	: 510621, 411387	<b>Direction of View Towards Site:</b>	NNE			
Viewpoint Height:	23m AOD	Photograph Date:	As shown			
Distance to Site:	8.2km	Camera Height:	1.6m			





FIGURE 6.12B



VP13 - Cherry Cobb Sands Road: existing view (September 2019)



**VP13** - Cherry Cobb Sands Road: existing view (January 2013)
These images provide landscape and visual context only

Viewpoint 13: Cherry (	Viewpoint 13: Cherry Cobb Sands Road					
<b>Vlewpoint Grid Reference</b>	521291, 421346	<b>Direction of View Towards Site:</b>	W			
Viewpoint Height:	3m AOD	Photograph Date:	As shown			
Distance to Site:	8km	Camera Height:	1.6m			





FIGURE 6.13A



VP13 - Cherry Cobb Sands Road: existing view (September 2019)



As shown

1.6m

VP13 - Cherry Cobb Sands Road: photomontage (January 2013) These images provide landscape and visual context only

Viewpoint 13: Cherry C	Cobb Sands Roa	ad	
<b>Vlewpoint Grid Reference:</b>	521291, 421346	<b>Direction of View Towards Site:</b>	W
Viewpoint Height:	3m AOD	Photograph Date:	As
Distance to Site:	8km	Camera Height:	1.6r



NORTH KILLINGHOLME POWER PROJECT **VIEWPOINT PHOTOGRAPHS** 

FIGURE 6.13B



**VP10a** - Clough Lane / Haven Road: existing view (September 2019)



**VP10a** - Clough Lane / Haven Road: existing view (January 2013)
These images provide landscape and visual context only

Viewpoint 10a: Clough Lane / Haven Road					
	•	Direction of View Towards Site: Photograph Date: Camera Height:	NNW As shown 1.6m		





FIGURE 6.14