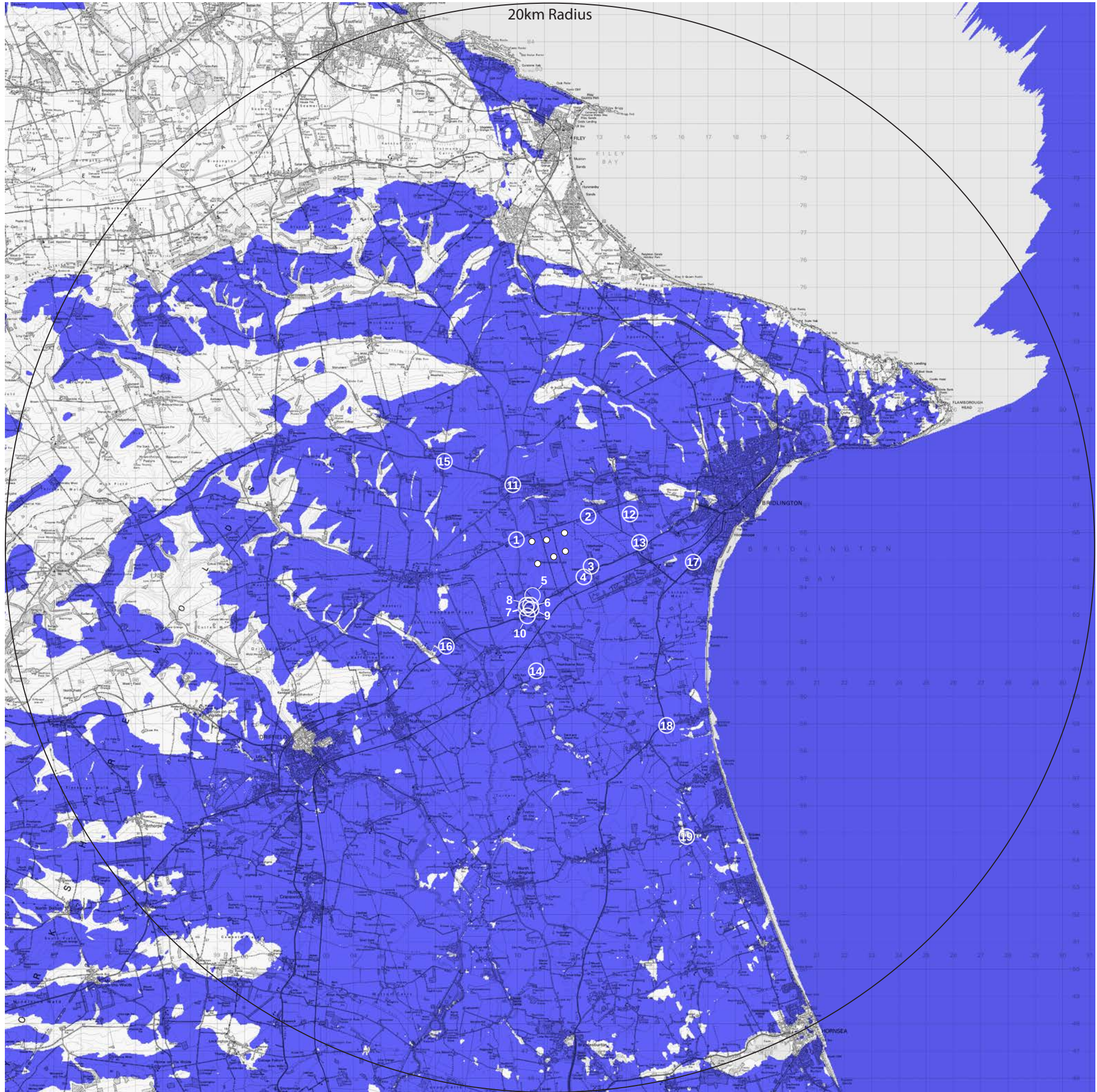




Radius from the centre of Three Oaks Wind Farm site.

Legend

- Three Oaks Turbine Locations
- Theoretical Visibility of at least one Blade Tip:
 - Three Oaks Only
- ① Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.

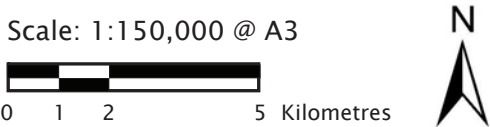
Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL) (Blade Tip):

Three Oaks Wind Farm 149.9 m (6 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

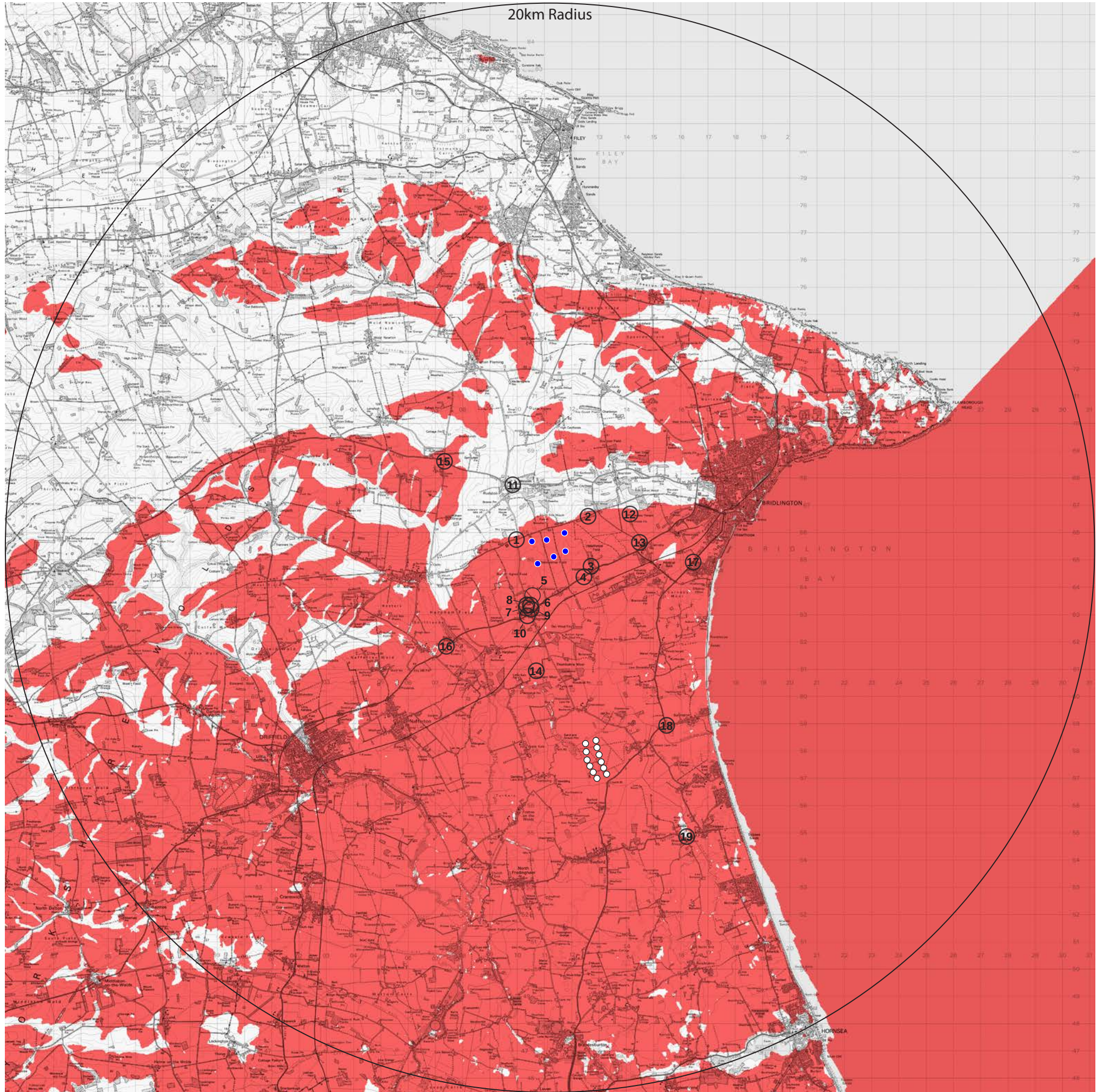
The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.



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Checked by: MS	Date: Feb 2026

Figure 5.11.1: Extent of Theoretical Visibility (Blade Tip) Three Oaks



Radius from the centre of Three Oaks Wind Farm site.



- Legend** *Operational Wind Farm
- Three Oaks Turbine Locations
 - Lissett Airfield Turbine Locations*
- Theoretical Visibility of at least one Blade Tip:**
- Lissett Airfield Only
 - 1 Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.

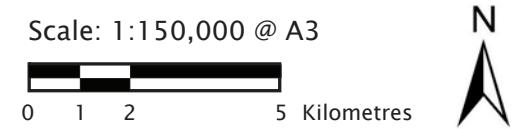
Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL)
(Blade Tip):

Lissett Airfield Wind Farm 125.0 m (12 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

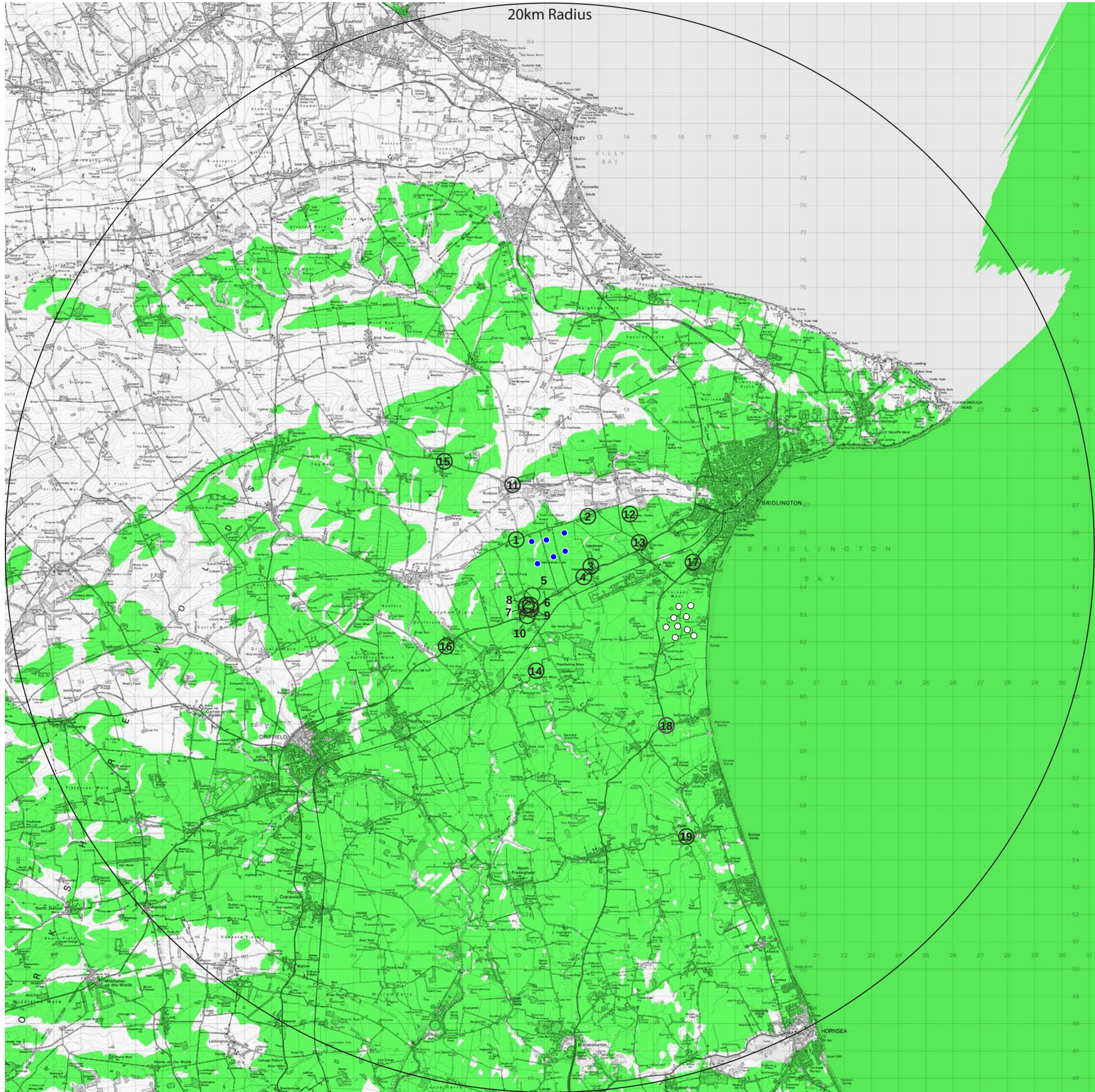
The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.



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Figure 5.11.2: Extent of Theoretical Visibility (Blade Tip) Lissett



Radius from the centre of Three Oaks Wind Farm site.

Legend

-  Three Oaks Turbine Locations
-  Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Blade Tip:

-  Fraisthorpe Only

-  Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.

Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL)
(Blade Tip):

Fraisthorpe Wind Farm 130.0 m (9 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

Scale: 1:150,000 @ A3



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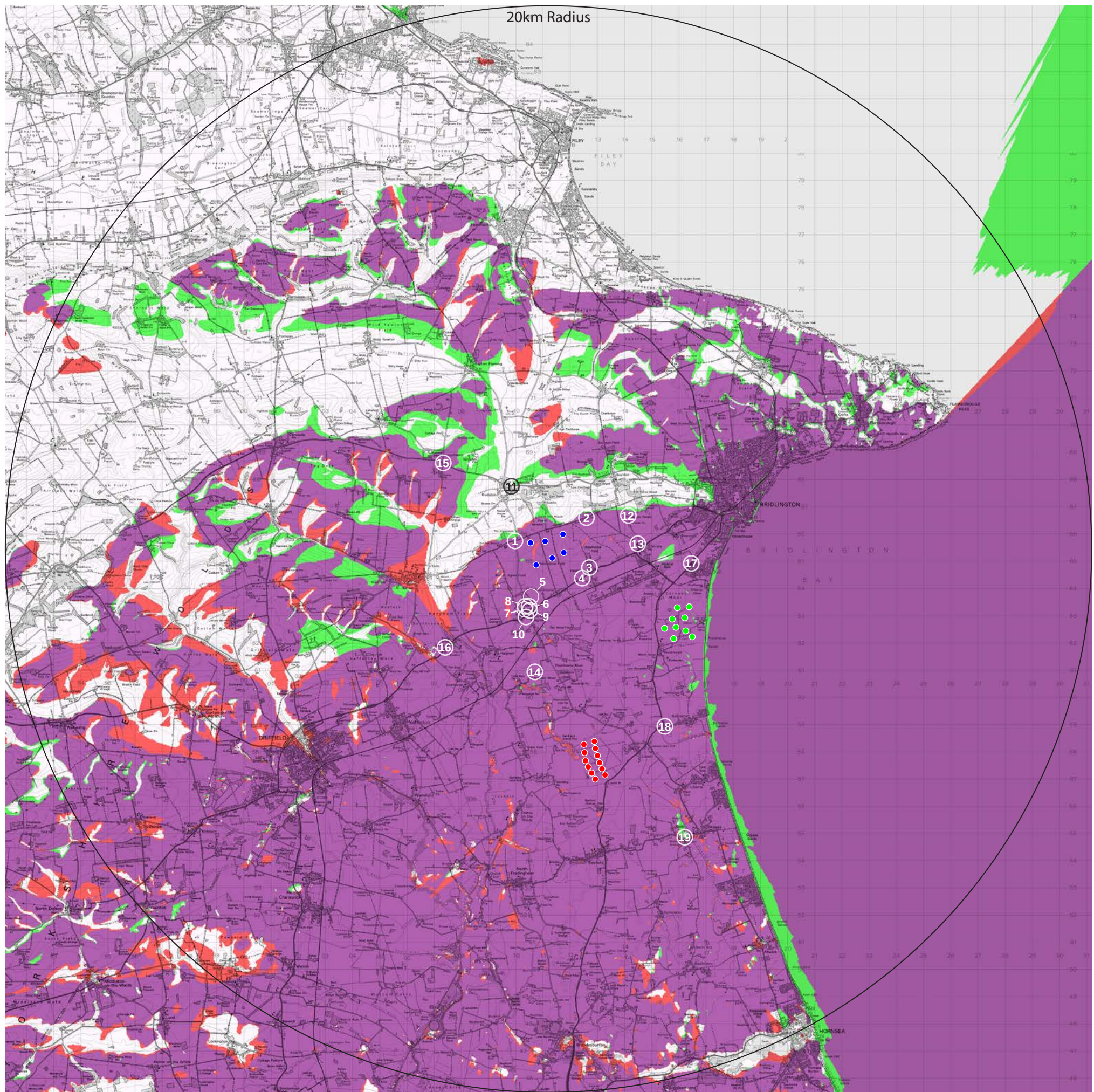
Produced by: RW

Ref:

Checked by: MS

Date: Feb 2026

**Figure 5.11.3: Extent of Theoretical
Visibility (Blade Tip) Fraisthorpe**



Radius from the centre of Three Oaks Wind Farm site.



Legend

- Three Oaks Turbine Locations
- Lissett Airfield Turbine Locations*
- Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Blade Tip:

- Lissett Airfield Only
- Fraisthorpe Only
- Lissett Airfield and Fraisthorpe

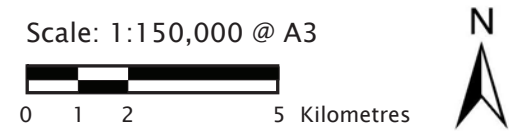
1 Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.
Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL) (Blade Tip):
Lissett Airfield Wind Farm 125.0 m (12 Target Points)
Fraisthorpe Wind Farm 130.0 m (9 Target Points)
This ZTV does not include the screening effects of buildings or vegetation in the study area.

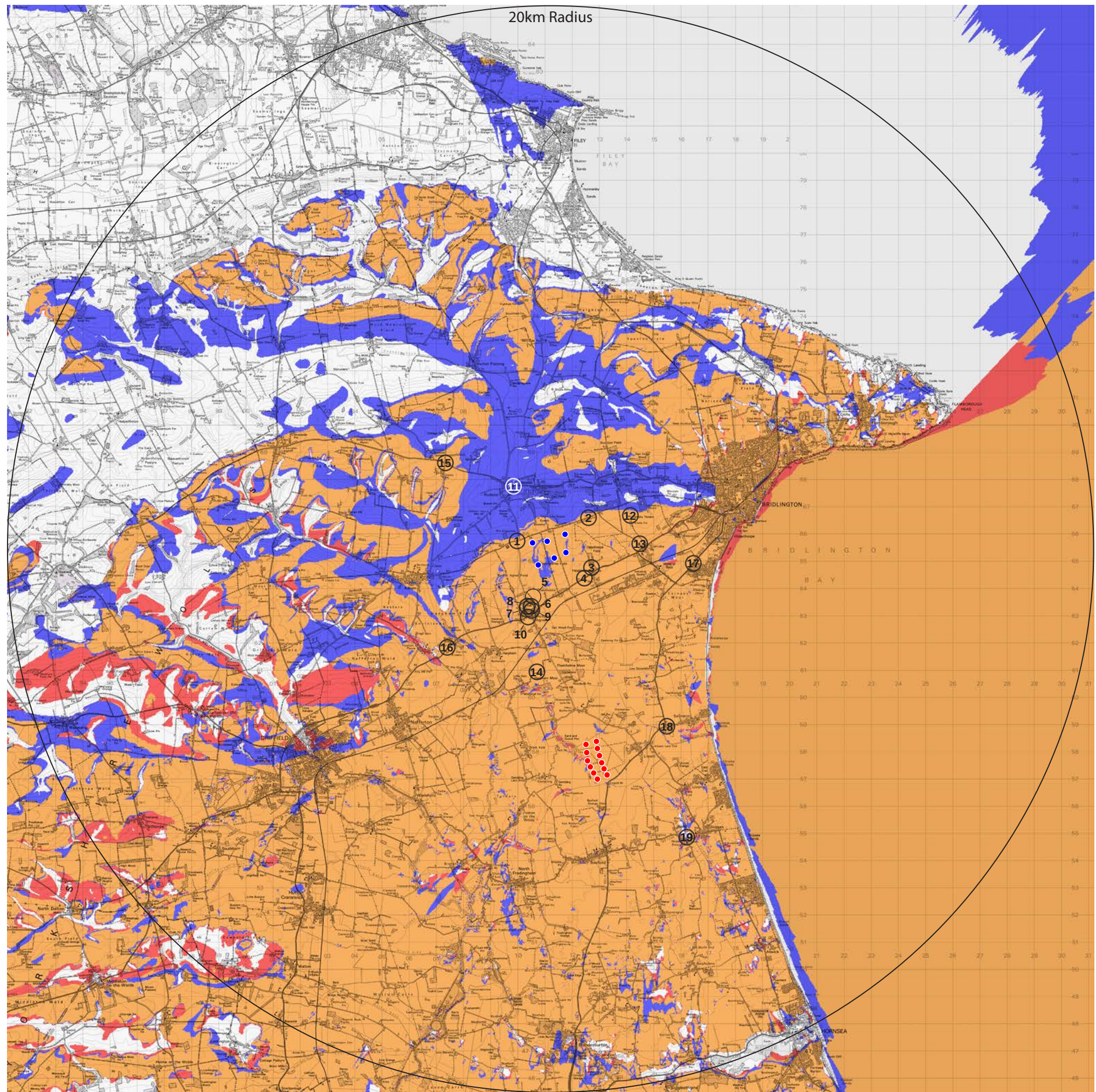
The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.



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Figure 5.11.4: Extent of Theoretical Visibility (Blade Tip) Lissett Airfield and Fraisthorpe



Radius from the centre of Three Oaks Wind Farm site.

Legend

-  Three Oaks Turbine Locations
-  Lissett Airfield Turbine Locations*

Theoretical Visibility of at least one Blade Tip:

-  Lissett Airfield Only
-  Three Oaks Only
-  Lissett Airfield and Three Oaks

-  Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.

Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL) (Blade Tip):

- Lissett Airfield Wind Farm **125.0 m** (12 Target Points)
- Three Oaks Wind Farm **149.9 m** (6 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

Scale: 1:150,000 @ A3



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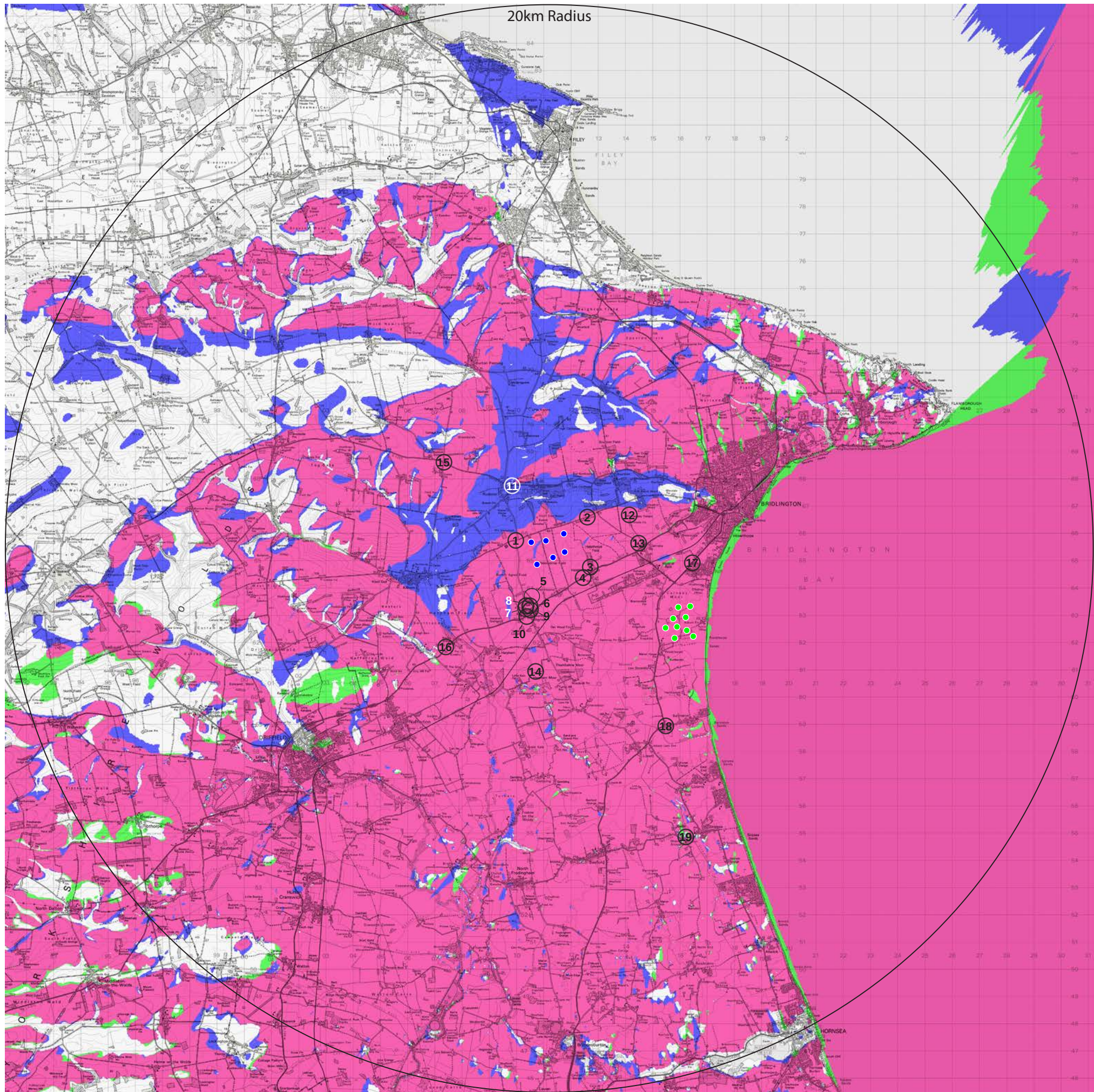
Produced by: RW

Ref:

Checked by: MS

Date: Feb 2026

Figure 5.11.5: Extent of Theoretical Visibility (Blade Tip) Lissett Airfield and Three Oaks



Radius from the centre of Three Oaks Wind Farm site.



Legend

Three Oaks Turbine Locations

Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Blade Tip:

Fraisthorpe Only

Three Oaks Only

Fraisthorpe and Three Oaks

①

Viewpoint Location

*Operational Wind Farm

Layout Information

The terrain data used EA LIDAR 2m DTM.

Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL)
(Blade Tip):

Fraisthorpe Wind Farm	130.0 m	(9 Target Points)
Three Oaks Wind Farm	149.9 m	(6 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

Scale: 1:150,000 @ A3

0

1

2

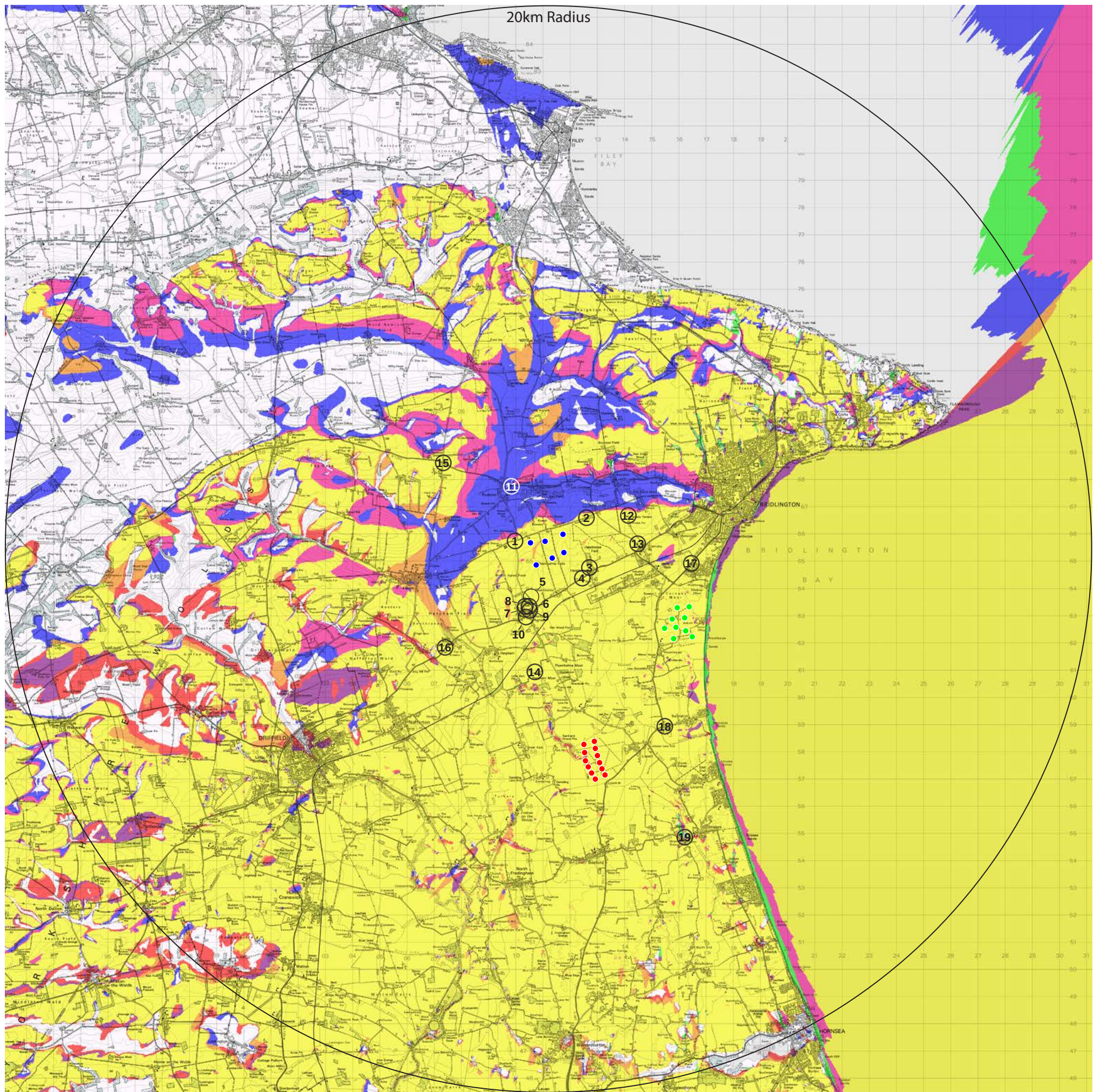
5 Kilometres

N

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Figure 5.11.6: Extent of Theoretical Visibility (Blade Tip) Fraisthorpe and Three Oaks



Radius from the centre of Three Oaks Wind Farm site.

Legend

**Operational Wind Farm*

- Three Oaks Turbine Locations
- Lissett Airfield Turbine Locations*
- Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Blade Tip:

- Lissett Airfield Only
- Fraisthorpe Only
- Three Oaks Only
- Lissett Airfield and Fraisthorpe
- Lissett Airfield and Three Oaks
- Fraisthorpe and Three Oaks
- Lissett Airfield, Fraisthorpe and Three Oaks

- 1 Viewpoint Location

Layout Information

The terrain data used EA LIDAR 2m DTM.

Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL) (Blade Tip):

- Lissett Airfield Wind Farm 125.0 m (12 Target Points)
- Fraisthorpe Wind Farm 130.0 m (9 Target Points)
- Three Oaks Wind Farm 149.9 m (6 Target Points)

This ZTV does not include the screening effects of buildings or vegetation in the study area.

The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

Scale: 1:150,000 @ A3

0 1 2 5 Kilometres



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Date: Feb 2026

**Figure 5.11.7: Extent of Theoretical
Visibility (Blade Tip) Lissett Airfield,
Fraisthorpe and Three Oaks**

**Three Oaks Renewable Energy Park
Extension
Environmental Statement**