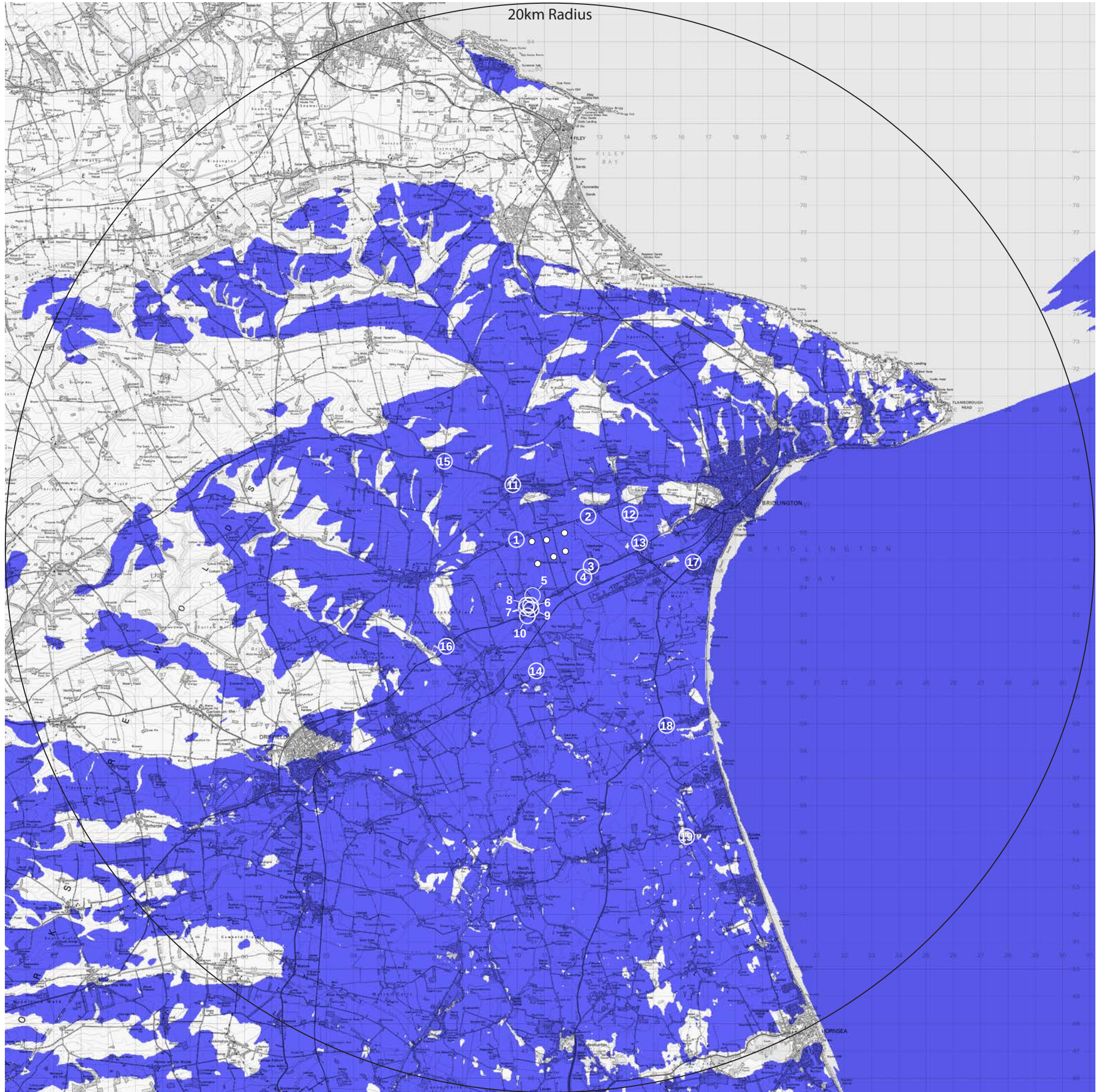




Radius from the centre of Three Oaks Wind Farm site.

Legend

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

Layout Information

The terrain data used EA LIDAR 2m DTM.

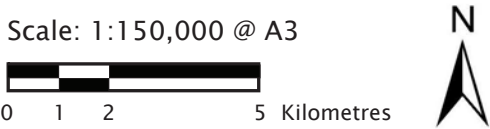
Viewer height used in calculation 1.60m.

Target heights set Above Ground Level (AGL) (Nacelle):

Three Oaks Wind Farm 91.4 m (6 Target Points)

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

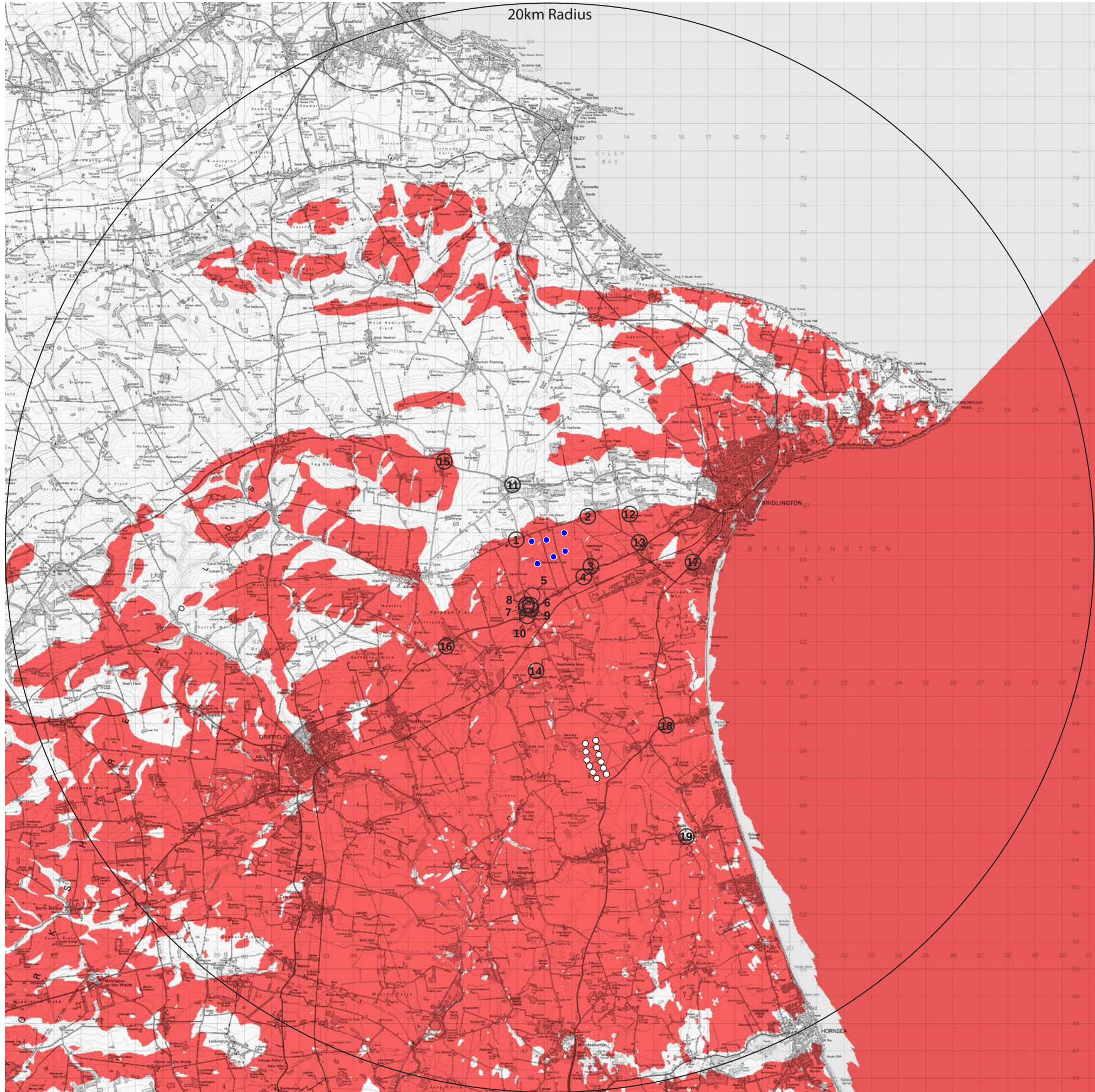
The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.



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Figure 5.12.1: Extent of Theoretical Visibility (Nacelle) Three Oaks



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 Nacelle:

- 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) (Nacelle):

Lissett Airfield Wind Farm 80.0 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.

Scale: 1:150,000 @ A3



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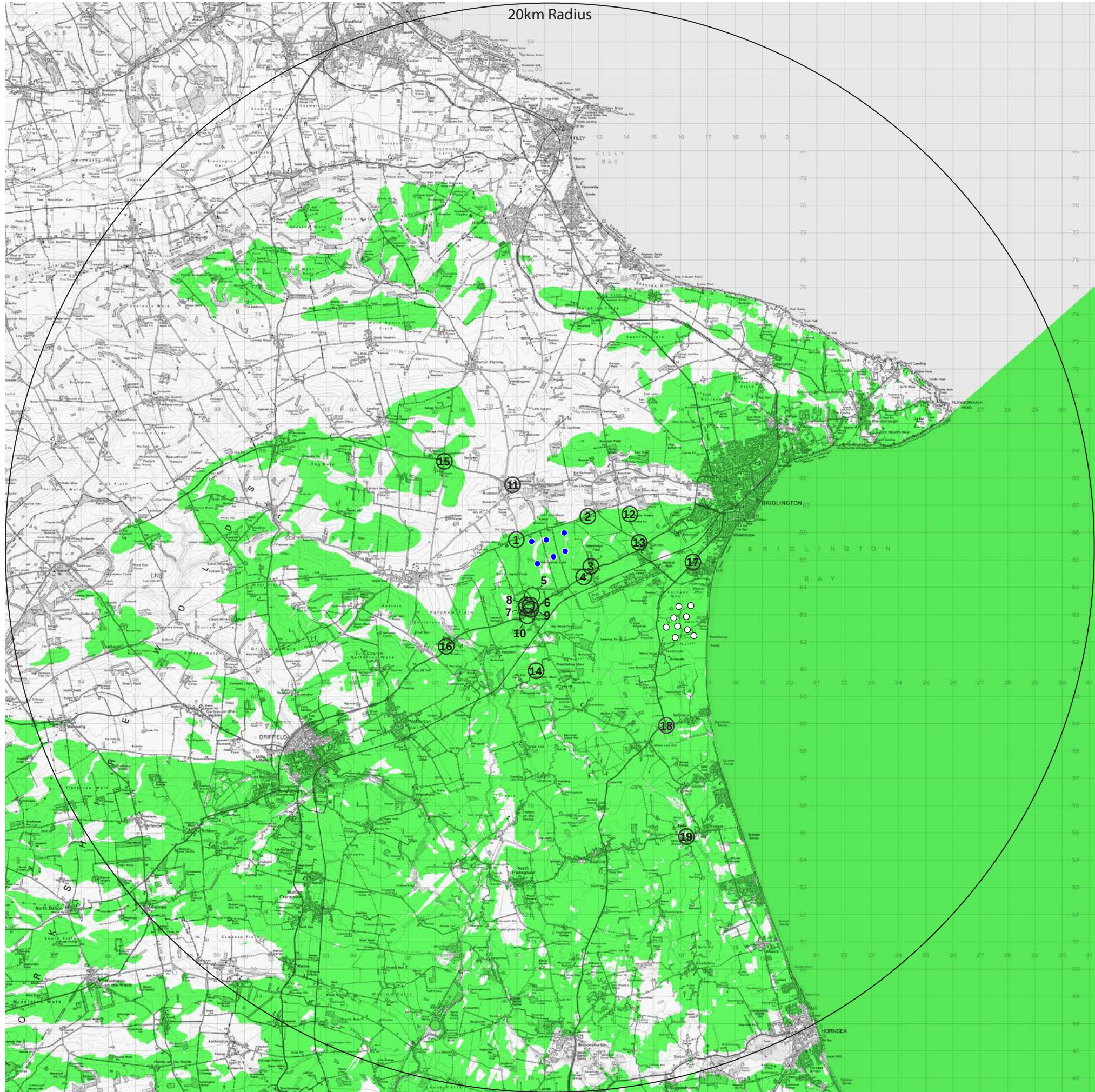
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Date: Feb 2026

Figure 5.12.2: Extent of Theoretical Visibility (Nacelle) 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 Nacelle:

Fraisthorpe Only

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) (Nacelle):
Fraisthorpe Wind Farm 74.0 m (9 Target Points)
This ZTV does not include the screening effects of buildings or vegetation in the study area.

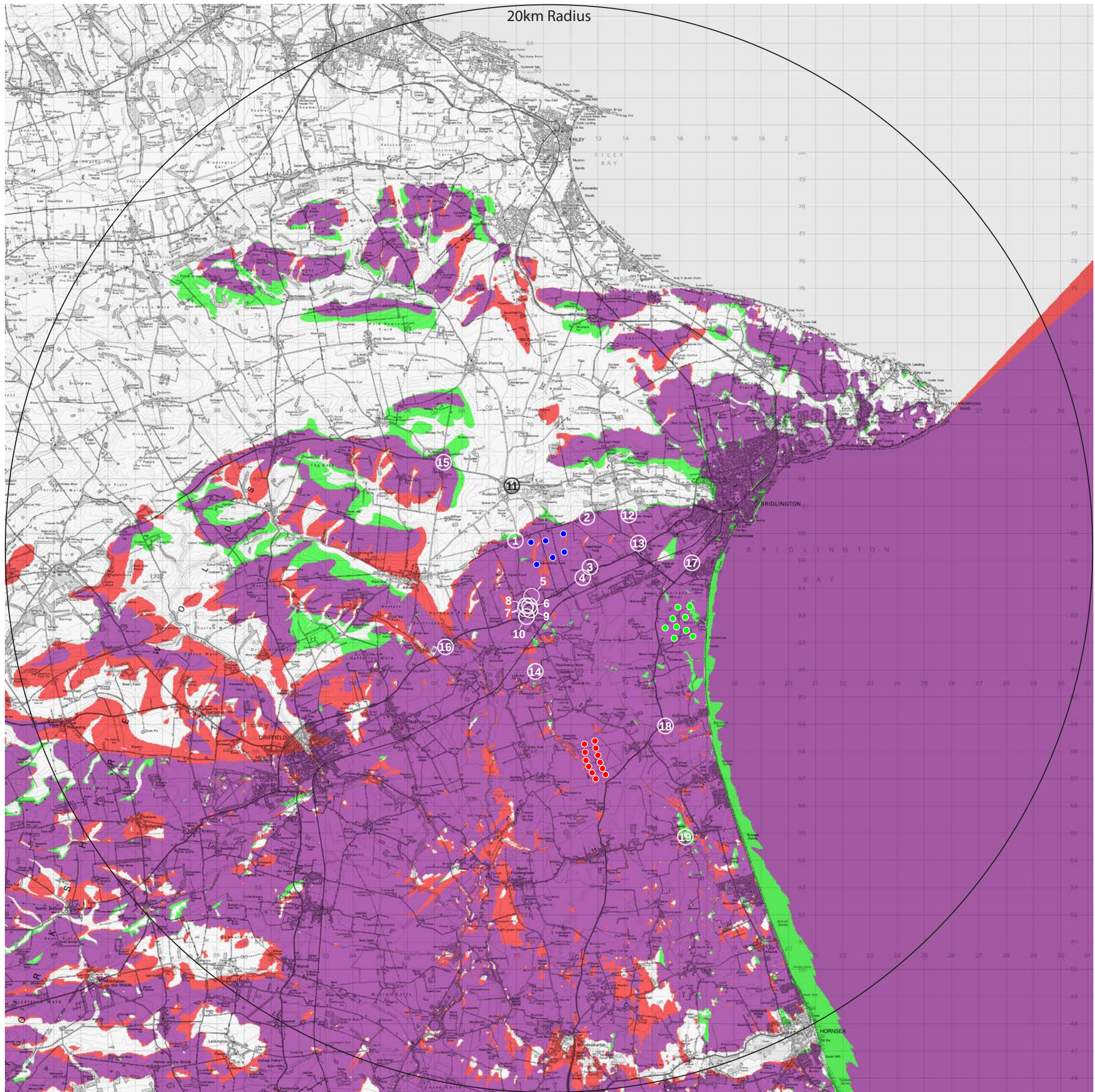
The calculation takes into account the effects of the curvature of the earth and light refraction. The calculation does not use mathematically approximate methods.

Scale: 1:150,000 @ A3

0 1 2 5 Kilometres

N

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Figure 5.12.3: Extent of Theoretical Visibility (Nacelle) Fraisthorpe	
Three Oaks Renewable Energy Park Extension Environmental Statement	



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 Nacelle:

- 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) (Nacelle):

Lissett Airfield Wind Farm	80.0 m	(12 Target Points)
Fraisthorpe Wind Farm	74.0 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

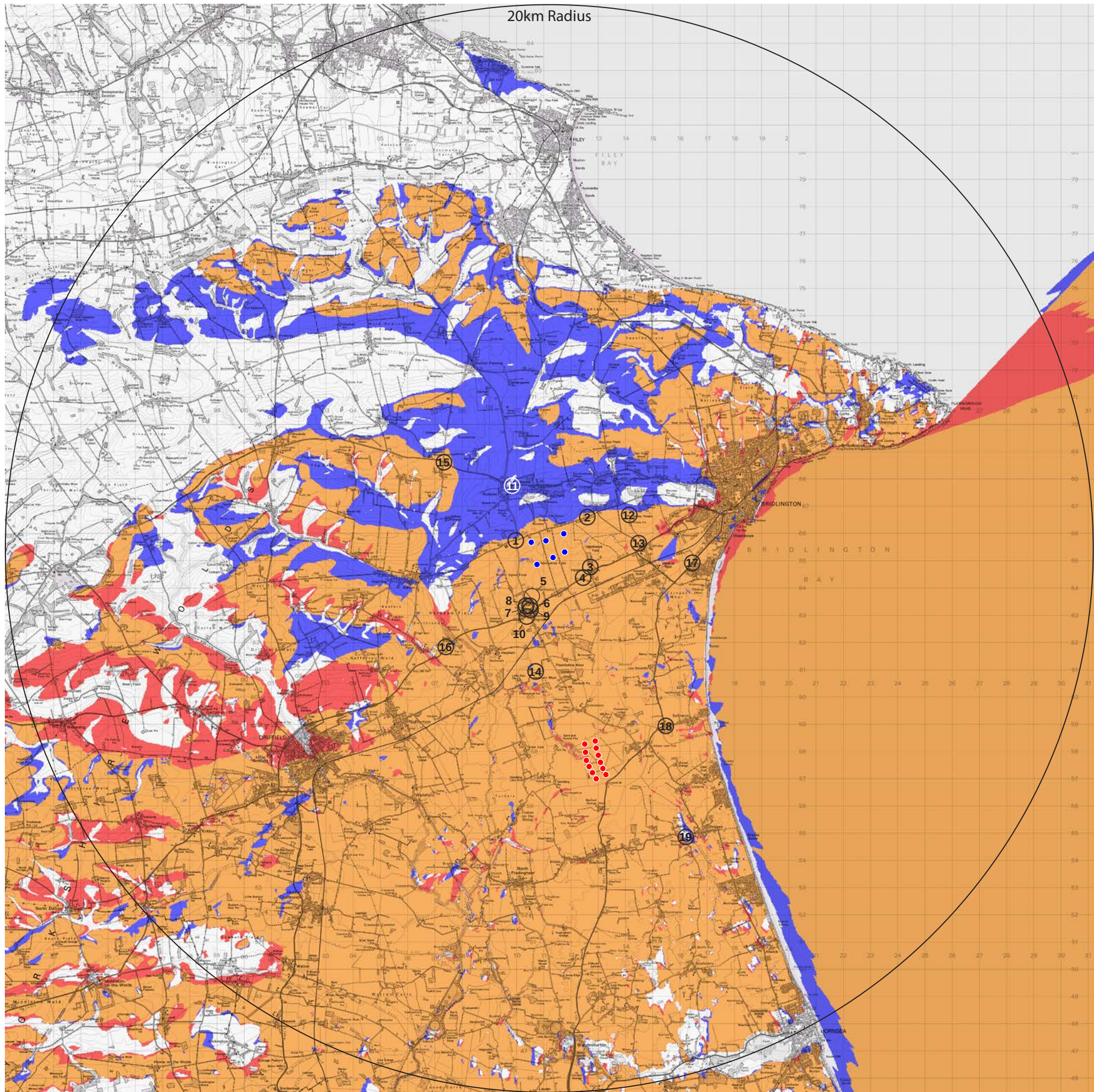
0 1 2 5 Kilometres

N

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Figure 5.12.4: Extent of Theoretical Visibility (Nacelle) Lissett Airfield and Fraisthorpe



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 Nacelle:

- Lissett Airfield Only
- Three Oaks Only
- Lissett Airfield 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)
(Nacelle):

- Lissett Airfield Wind Farm 80.0 m (12 Target Points)
- Three Oaks Wind Farm 91.4 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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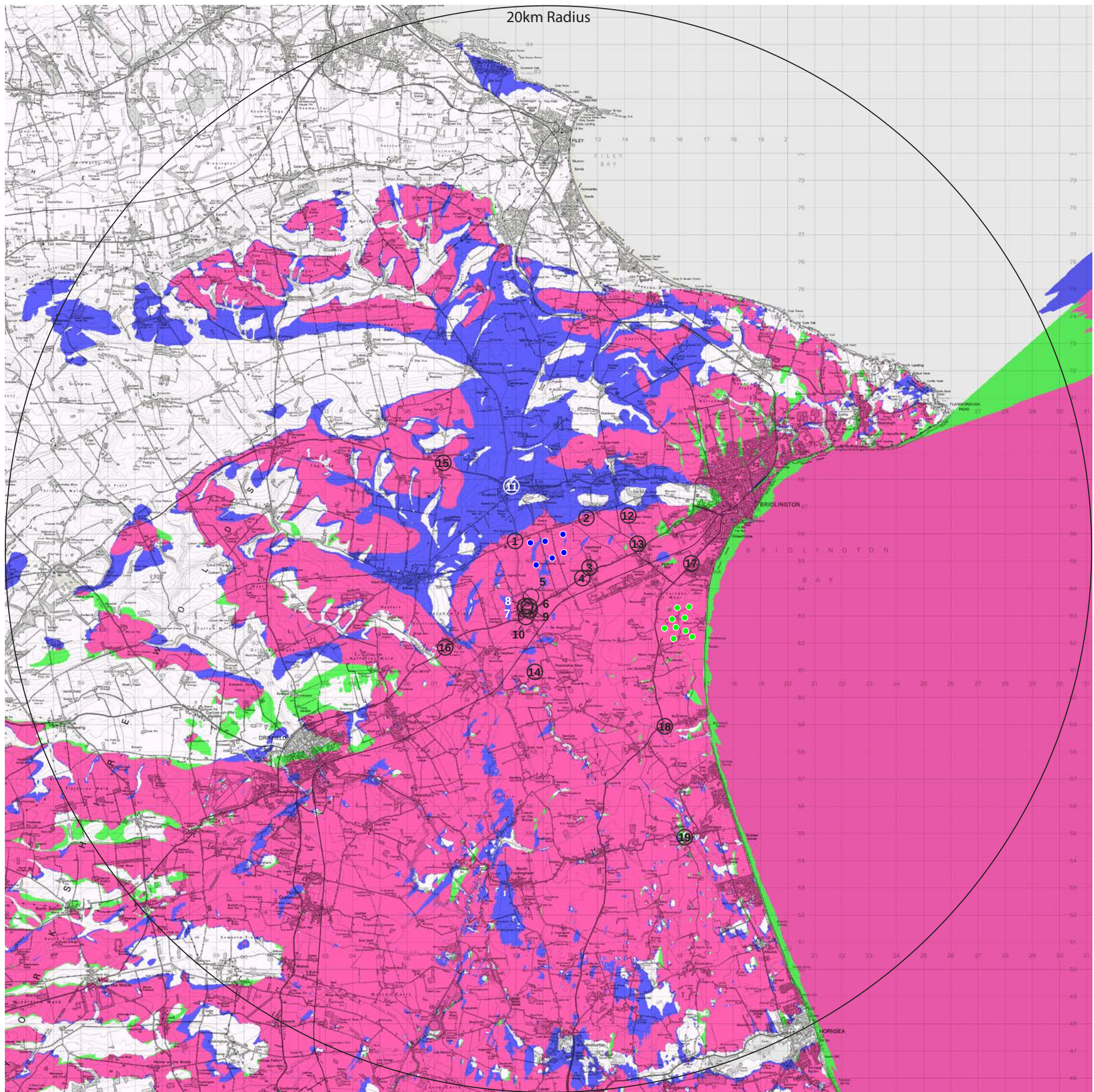
Produced by: RW

Ref:

Checked by: MS

Date: Feb 2026

**Figure 5.12.5: Extent of Theoretical
Visibility (Nacelle) Lissett Airfield and Three
Oaks**



Radius from the centre of Three Oaks Wind Farm site.

Legend

**Operational Wind Farm*

- Three Oaks Turbine Locations
- Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Nacelle:

- Fraisthorpe Only
- Three Oaks Only
- 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)
(Nacelle):

- Fraisthorpe Wind Farm 74.0 m (9 Target Points)
- Three Oaks Wind Farm 91.4 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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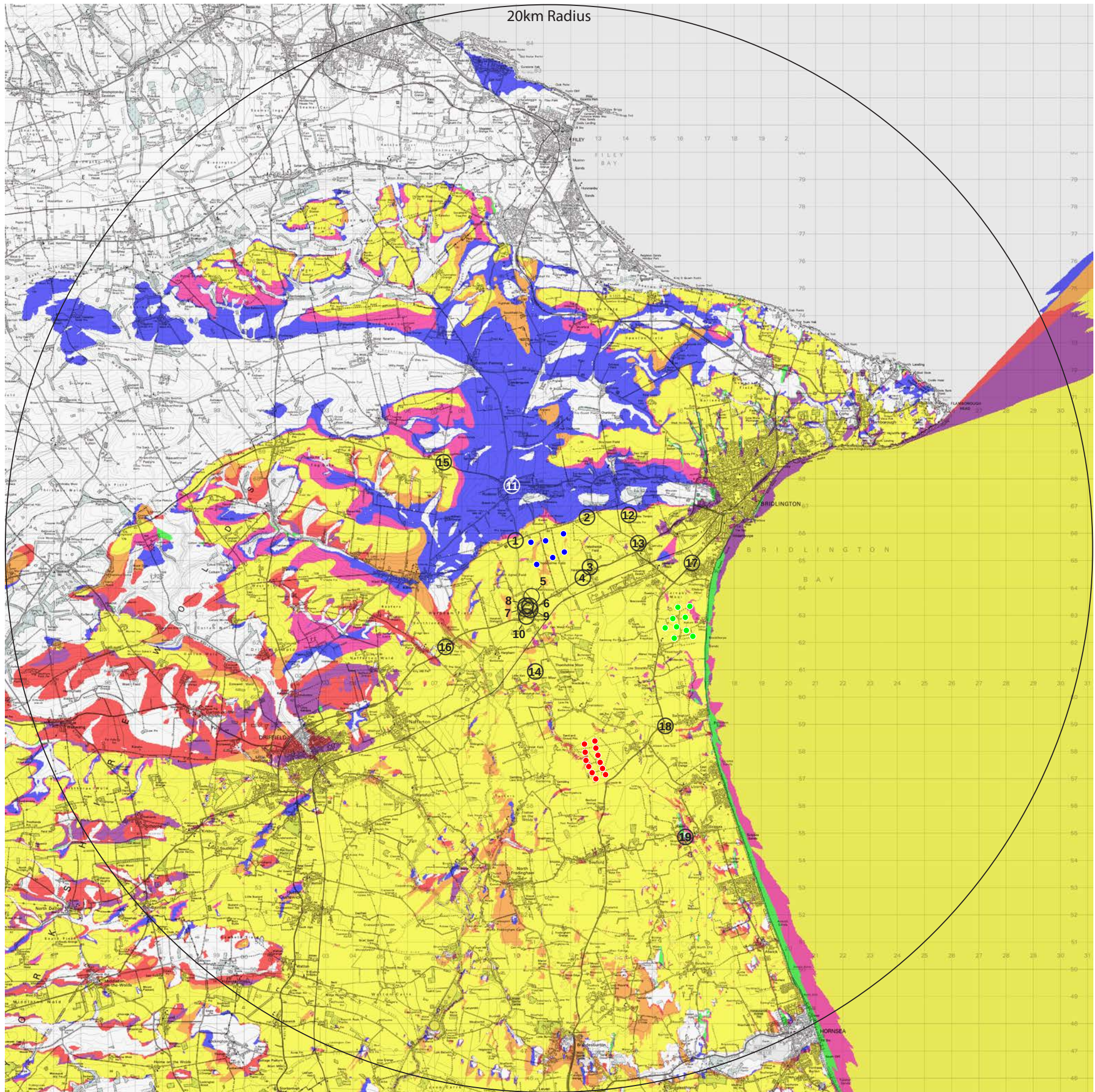
Ref:

Checked by: MS

Date: Feb 2026

**Figure 5.12.6: Extent of Theoretical
Visibility (Nacelle) Fraisthorpe and Three
Oaks**

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



Radius from the centre of Three Oaks Wind Farm site.

Legend

**Operational Wind Farm*

- Blue dot: Three Oaks Turbine Locations
- Red dot: Lissett Airfield Turbine Locations*
- Green dot: Fraisthorpe Turbine Locations*

Theoretical Visibility of at least one Nacelle:

- Red: Lissett Airfield Only
- Green: Fraisthorpe Only
- Blue: Three Oaks Only
- Purple: Lissett Airfield and Fraisthorpe
- Orange: Lissett Airfield and Three Oaks
- Pink: Fraisthorpe and Three Oaks
- Yellow: 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)
(Nacelle):

- | | | |
|----------------------------|--------|--------------------|
| Lissett Airfield Wind Farm | 80.0 m | (12 Target Points) |
| Fraisthorpe Wind Farm | 74.0 m | (9 Target Points) |
| Three Oaks Wind Farm | 91.4 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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**Figure 5.12.7: Extent of Theoretical
Visibility (Nacelle) Lissett Airfield,
Fraisthorpe and Three Oaks**