

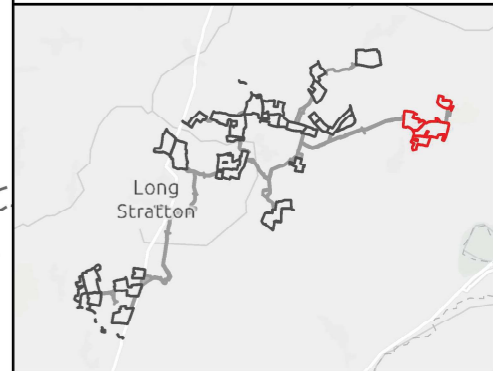
Legend

- The Site Boundaries (Site 10)
- 5km Search Area
- 3km Search Area
- PRoW
- Long Distance Paths
- View Locations
- View Locations Relating to Other Sites

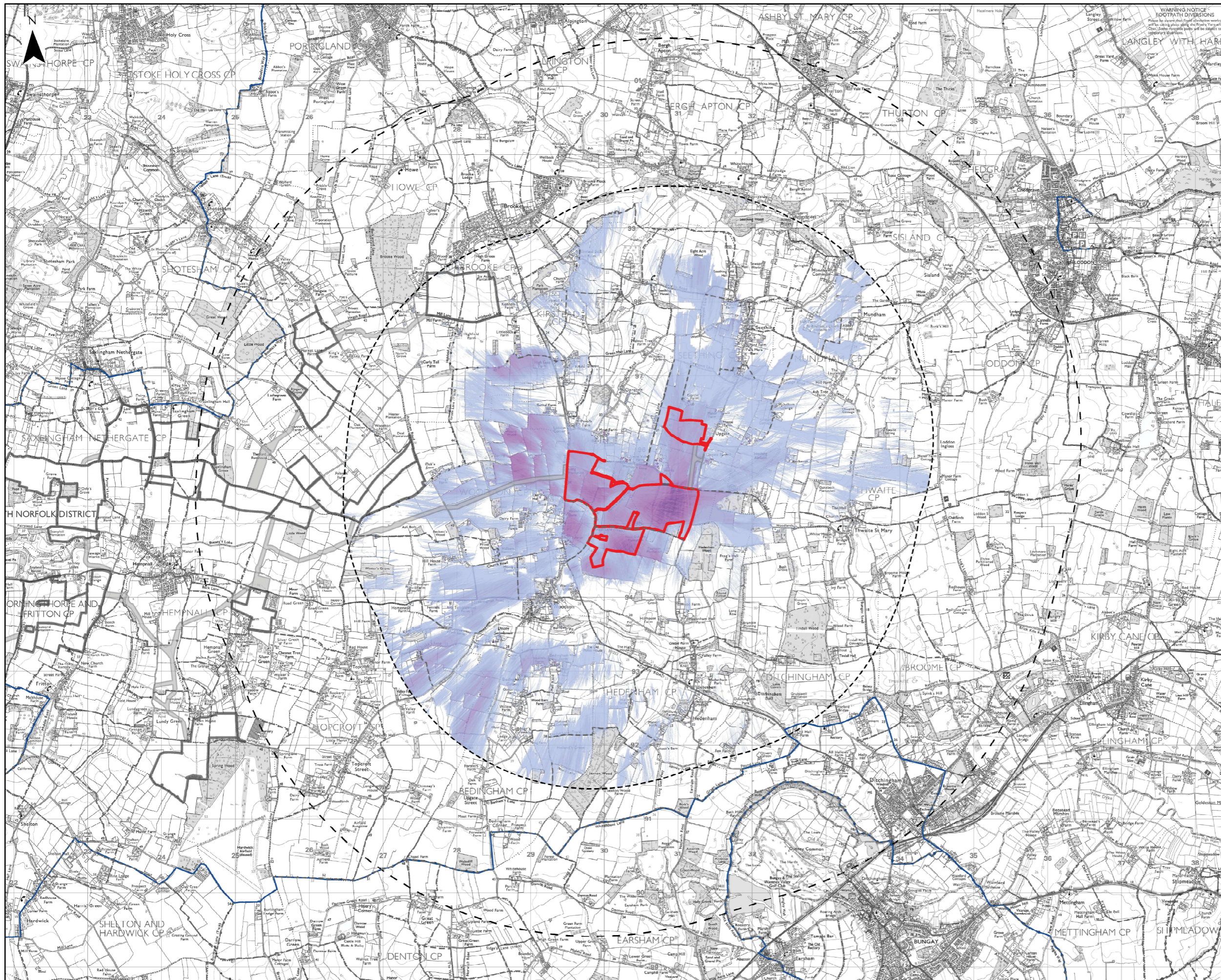
Zone of Theoretical Visibility (ZTV) of proposed Sites:

- Visibility using DSM¹
- Visibility using DTM²

- NOTES:
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
 - 2) This ZTV was run on a Digital Terrain Model (DTM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
 - 3) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
 - 4) The ZTV illustrates the area of theoretical visibility of the defined area.
 - 5) The following heights were used:
 - Solar array: 4.5m
 - 132kV substations: 7m
 - 6) Observer height was set to 1.6m.
 - 7) Viewsheds have been clipped to a 3km search area for DSM and 5km search area for DTM.
 - 8) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
 - 9) The ZTV analysis only considers the Solar arrays and 132kV substation within Site 10.



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



Legend

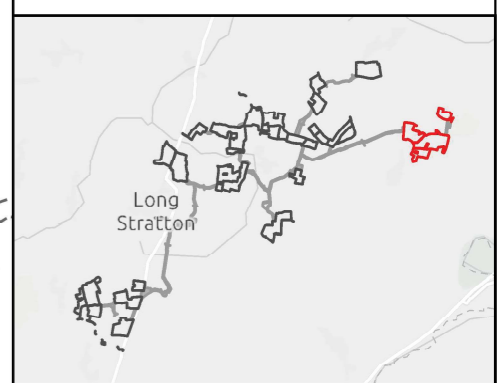
- The Site Boundaries (Site 10)
- 5km Search Area
- 3km Search Area
- PRoW
- Long Distance Paths

Graded Zone of Theoretical Visibility (ZTV) of proposed Sites:

More Visibility

Less Visibility

- NOTES:**
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
 - 2) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
 - 3) The ZTV illustrates the area of theoretical visibility of the defined area.
 - 4) The following heights were used:
 - Solar array: 4.5m
 - 132kV substations: 7m
 - 5) Observer height was set to 1.6m.
 - 6) Viewsheds have been clipped to a 3km search area for analysis.
 - 7) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
 - 8) The ZTV analysis only considers the Solar arrays and 132kV substation within Site 10.



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