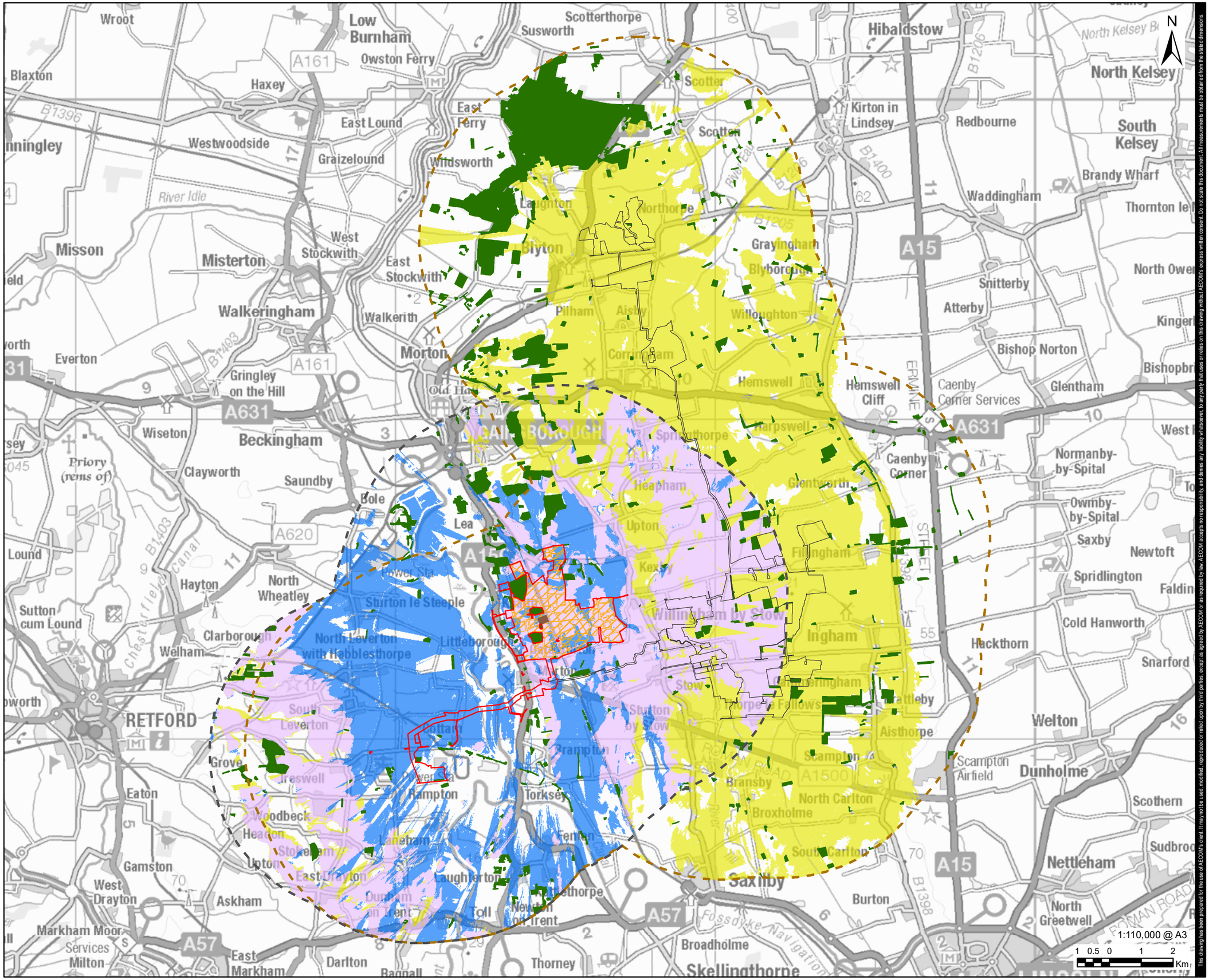

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AECOM

PROJECT

Gate Burton Energy Park

CLIENT

Gate Burton ENERGY PARK

CONSULTANT

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LEGEND

- Order Limits
- Order Limits - 5km Study Area
- Cottam Solar Farm - Site Boundary
- Cottam Solar Farm - 5km Study Area
- Solar Panel Area
- Substation and BESS
- Woodland

Zone Of Theoretical Visibility within a 5km Buffer

- No Theoretical Visibility
- Gate Burton Theoretical Visibiliy
- Cottam Theoretical Visibility
- Gate Burton and Cottam Theoretical Visibility

NOTES

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1) Zone of Theoretical Visibility (ZTV) has been generated using Environment Agency digital terrain model which takes into account the screening effects of vegetation. Woodland from the Forestry Commission National Forestry Inventory (2021), with an assumed height of 10m have been incorporated into the DTM, to mask any 'false' visibility from the top of trees.
2) ZTV based upon points of the Solar Panel Areas at 3.5m height across Gate Burton and 4.5 at Cottam Solar Farm. The Substation at Gate Burton at 13m height and BESS at 4.5, with an observer height of 1.5m.

ISSUE PURPOSE

Environmental Statement

PROJECT NUMBER

60664324

FIGURE TITLE

Cumulative Zone of Theoretical Visibility (with surface features) – Gate Burton with Cottam Solar Farm

FIGURE NUMBER

Figure 10-13

Filename: \\na.aecomnet.com\lfs\EMEA\Croydon-UKCRD1\Legacy\UKCRD1FP001\UKCRD1FP001-V1\E\projects\general\GIS\Projects\Gate Burton Energy Park\02_Maps\Environmental Statement\Chapter 10 - Landscape and Visual Amenity\LAN_ES_Figure10_13_ZTVBarrier_CumulativeCottam.mxd
Revision: 0 Drawn: NK Checked: VC Approved: WB Date: 2023-01-16