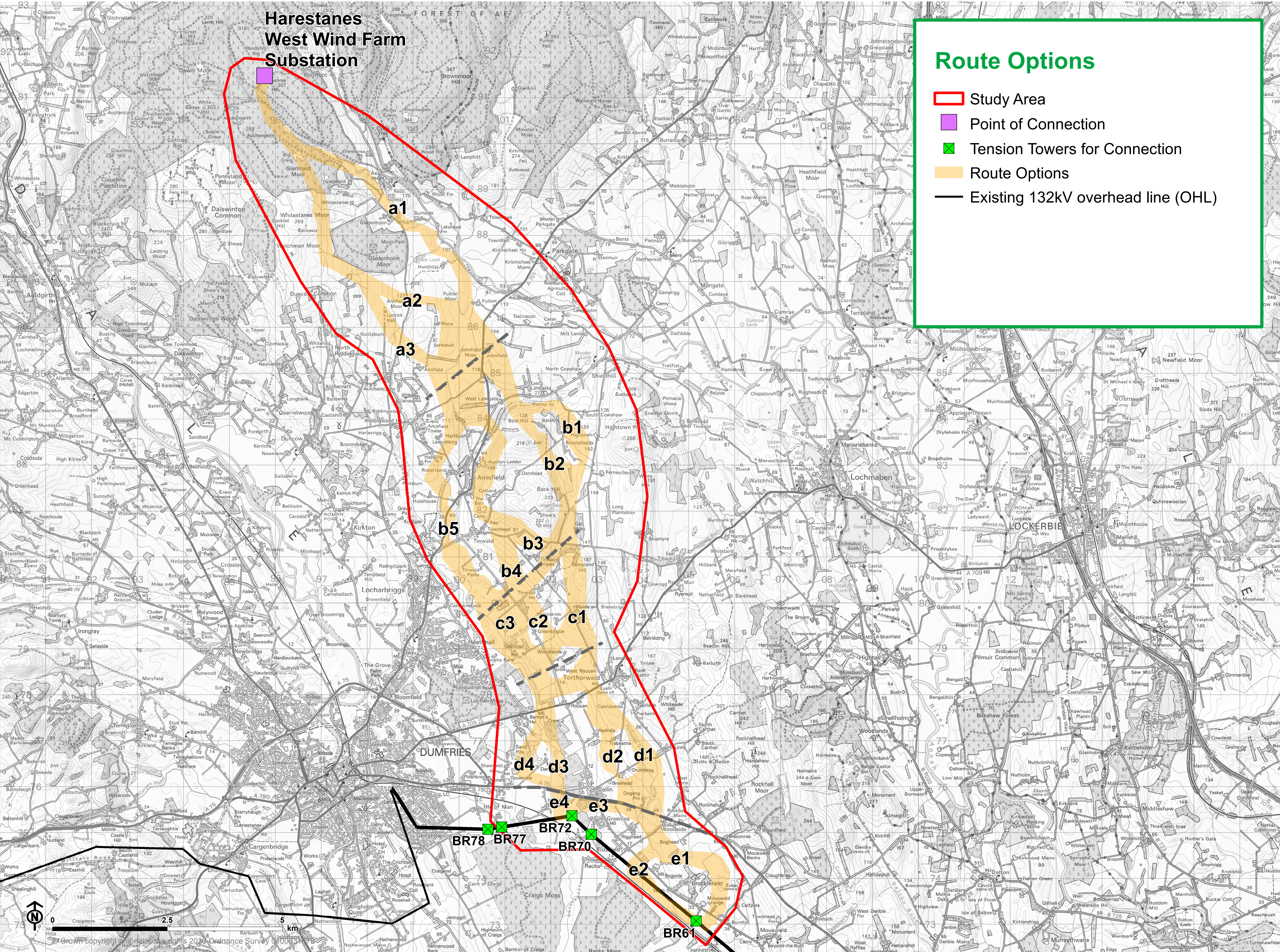


# 9 The Route Options and Tie-in Points

## Route Options



Given the nature of overhead transmission lines, the primary environmental effects are likely to be landscape and visual effects. The best way to limit adverse effects on landscape and visual amenity is to have a landscape led approach to routeing, reflecting the Holford Rules (guidelines for routeing OHLs) and taking account of the other routeing considerations.

The study area was analysed to establish a number of possible ‘route options’. This process involved the avoidance where possible of the identified designated areas of highest amenity value, as well as technical constraints.

Informed by the mapped routeing considerations and site visit, different route options split into sections A to

E were identified for the new OHL following a landscape led approach.

Each of the route options were given an alpha numeric reference: A1 to A3, B1 to B5, C1 to C3, D1 to D4, E1 to E4. There are four towers on the existing ‘BR’ route within the study area which, from a technical perspective, were considered at the outset to be capable of accommodating the connection of the new OHL. These were towers BR61, BR70, BR72 and BR77.

Following further technical review by SPEN, including consideration of the proximity of these tie-in points to residential properties, towers BR70 and BR77 were discounted and not considered further. The route options therefore seek to terminate at either tower BR61 or BR72.

# Harestanes West Wind Farm 132kV Overhead Line Grid Connection