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31/07/2024 Source: OS, Green GEN Cymru, LSTC, LUC

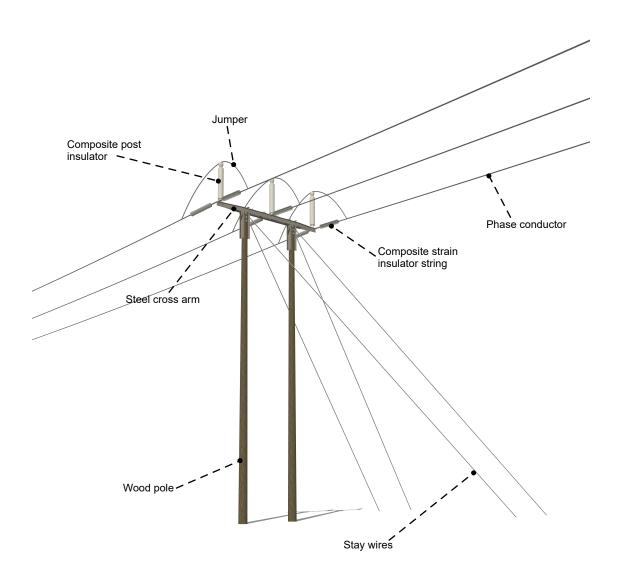




Figure 2.1a: Typical Wood Pole (Component Parts of 132kV Design Wood Pole - Angle)

Component parts of 132kV design wood pole: Angle (H Pole)

ENATS 43-50 Wood Pole (H-Pole)



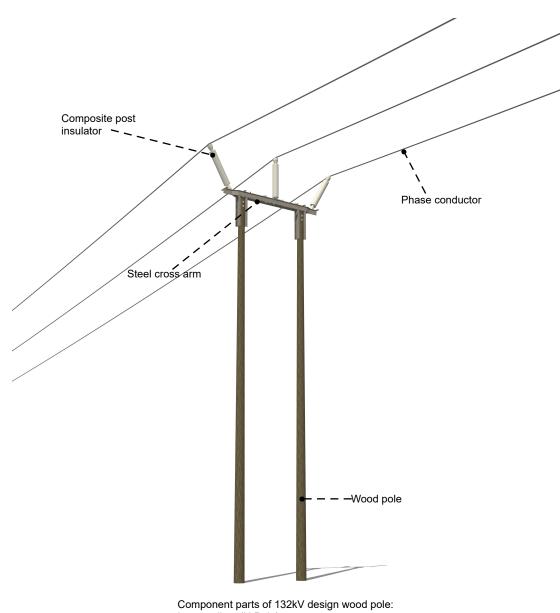




Figure 2.1b: Typical Wood Pole (Component Parts of 132kV Design Wood Pole - Intermediate)

Component parts of 132kV design wood pole: Intermediate (H Pole)



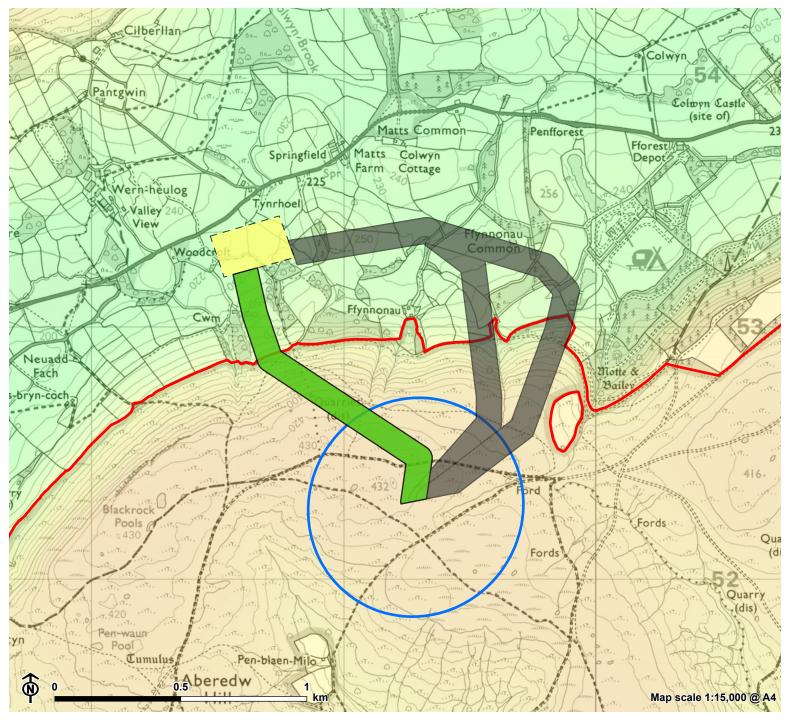
Steel cross arm **** Phase conductor Composite strain insulator string Surge arrestor - Cable sealing end -Underground cable Stay wires Component parts of 132kV design wood pole: Terminal (H Pole) with cable termination

Figure 2.1c: Typical Wood Pole (Component Parts of 132kV Design Wood Pole - Terminal)

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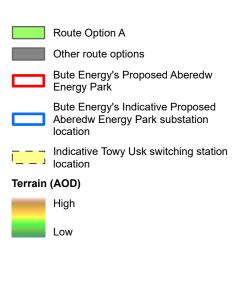
ENATS 43-50 Cable Termination Pole



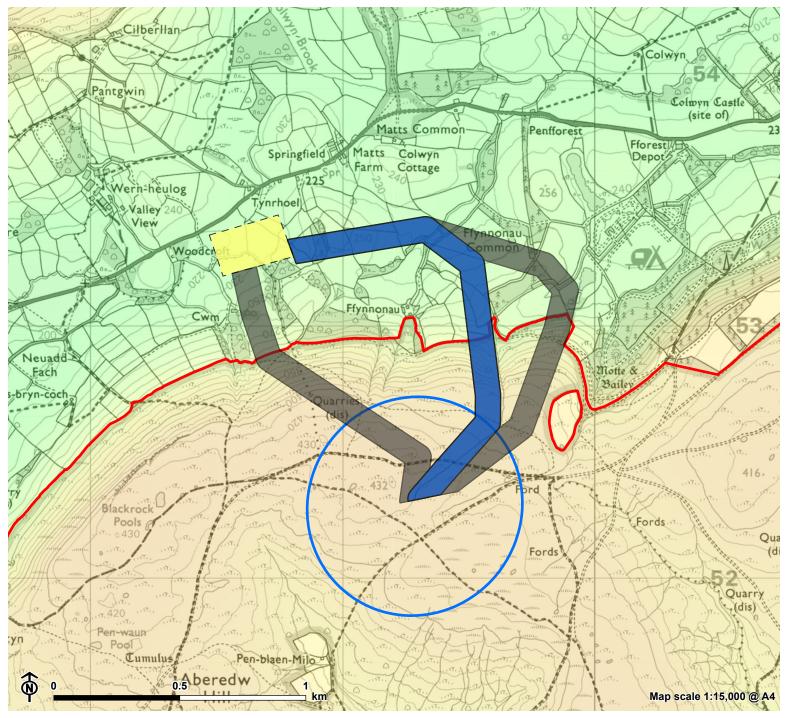


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Figure 4.1.1: Aberedw 132kV Connection Project Route Option A

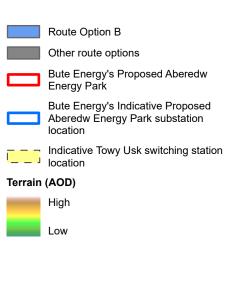




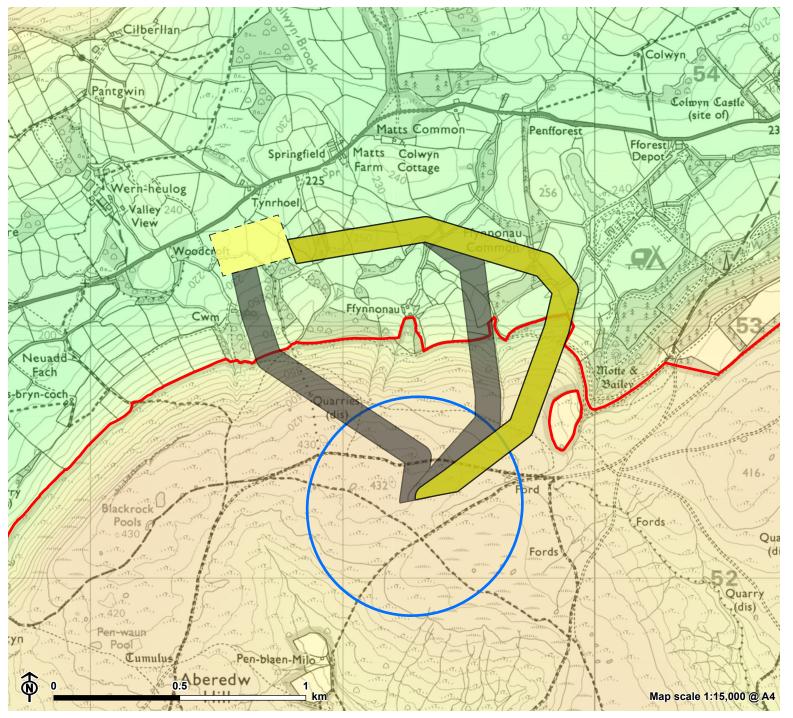


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Figure 4.1.2: Aberedw 132kV Connection Project Route Option B

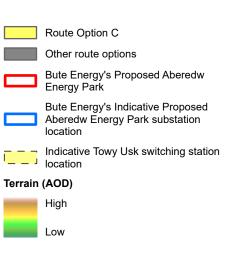




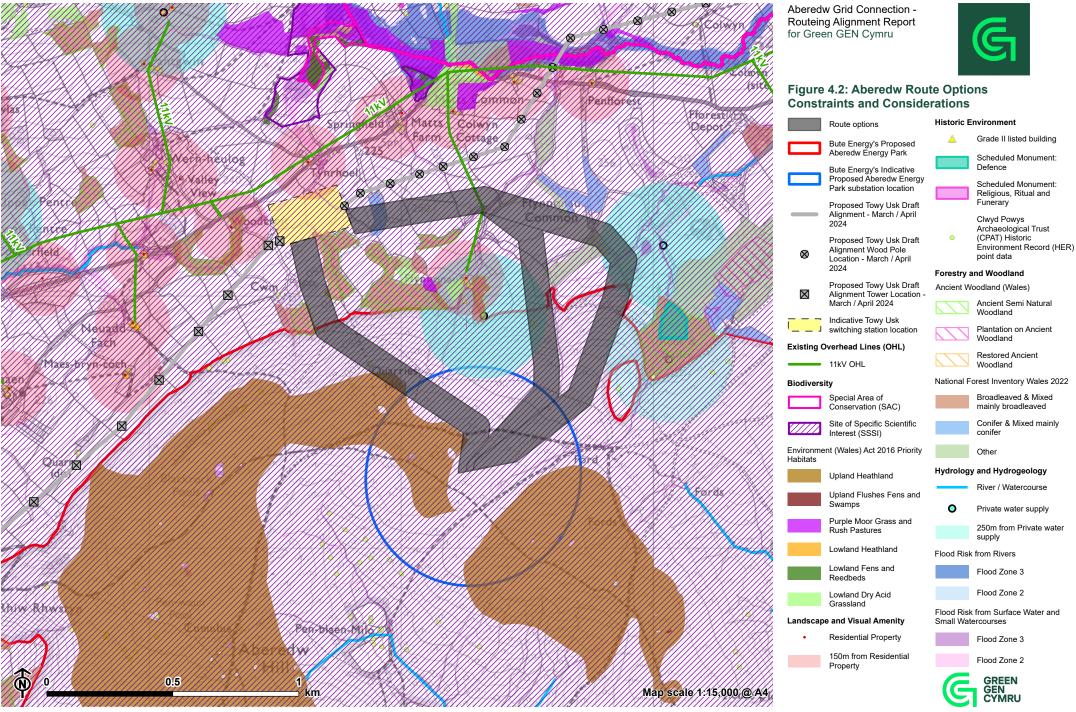


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Figure 4.1.3: Aberedw 132kV Connection Project Route Option C







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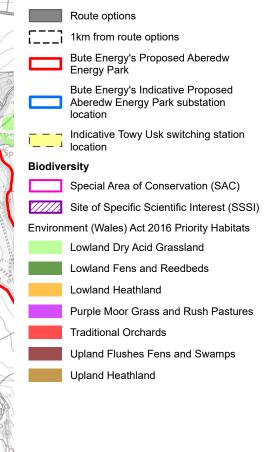
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Cartref Bryntwppa Hundred House Perthi Com Bry n-sela Bry Colwyn Perthi R. CilberHan Bevan House Tel Ex Colwyr MS Pantgwin Colwyn Castl Fforest (site of) Farm Commo Penfforest Rhiwlas Fforest Matts Colwyn Springfield Depot 1-y-Farm Cottage pen 225 Wern-heulog Valley ynrhoel View Upper Pentre Flynnonau Woodch 9 Lower Pentre Ffor Wo Copperfield Cwm Neuadd Fach Motte Bail Maes-bryn-coch remaer Quarry 416. ord Quarry (dis) Fords Quarry (dis) Quarry Juarry (dis) (dis Rhiw Rhws Pen-blaen-Milo Bouse Platform W Tümulus Fords Bouse Platform 1km (N) 0.5 1 km Map scale 1:20,000 @ A4 11 2

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Figure 4.3: Aberedw Route Options Biodiversity Constraints and Considerations





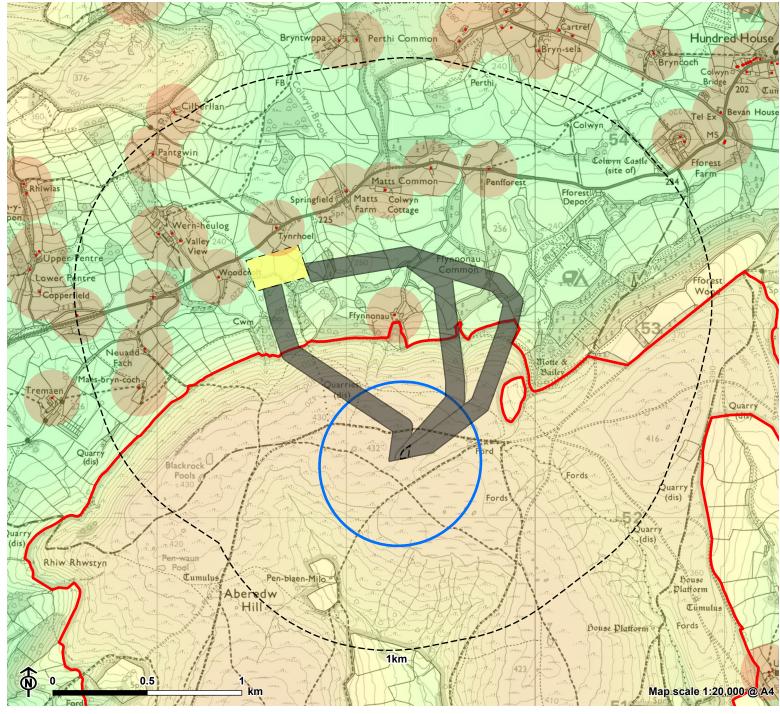
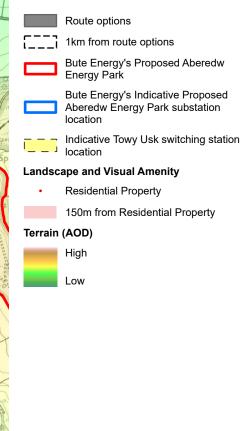




Figure 4.4.1: Aberedw Route Options Landscape and Visual Amenity Constraints and Considerations





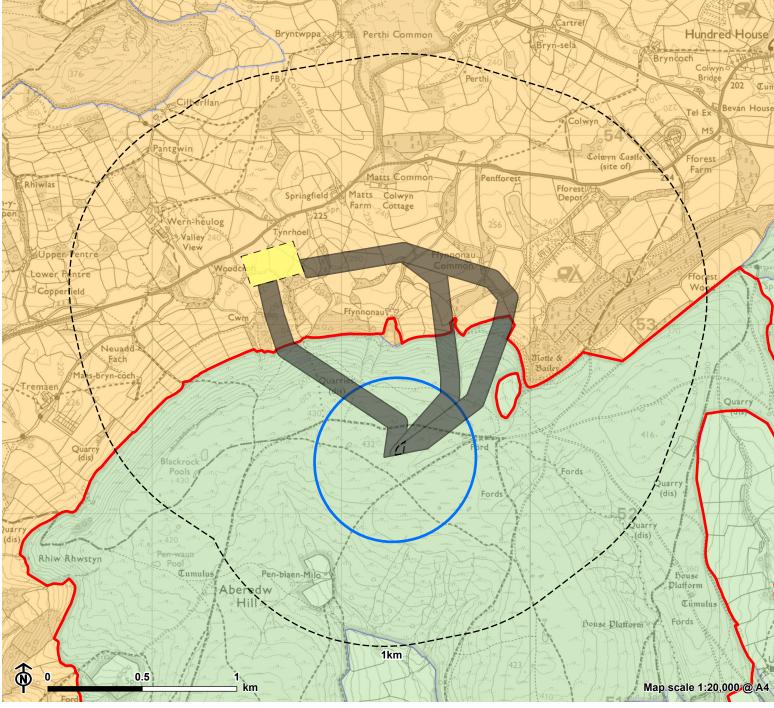
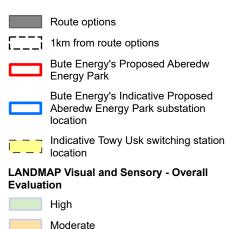




Figure 4.4.2: Aberedw LANDMAP Aspect Areas: Visual Sensory



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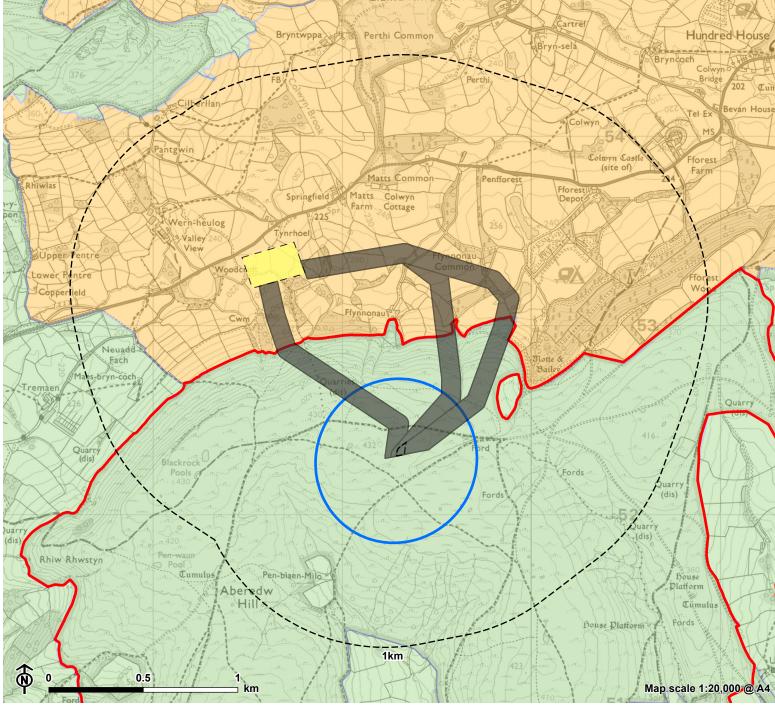
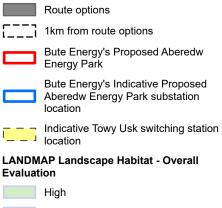




Figure 4.4.3: Aberedw LANDMAP Aspect Areas: Landscape Habitat

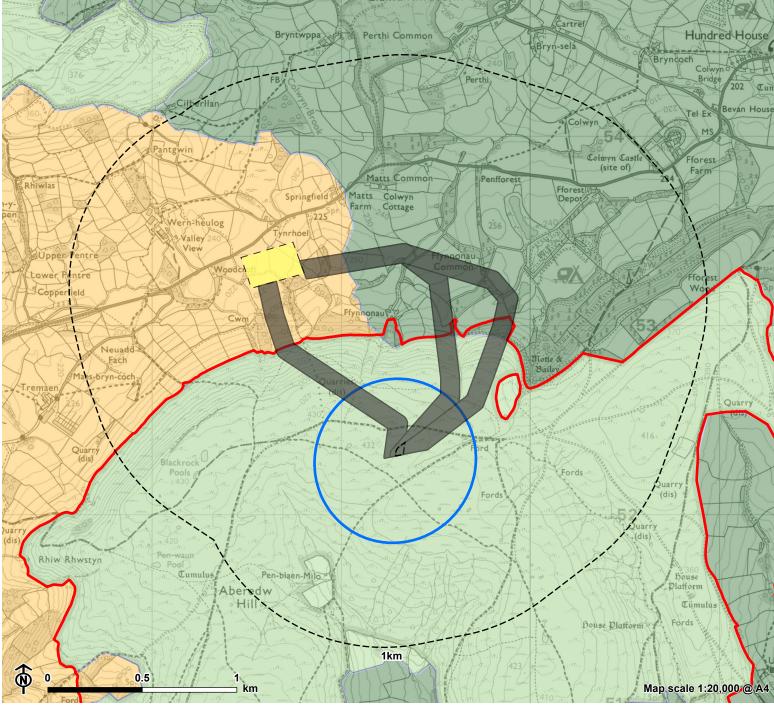


Moderate



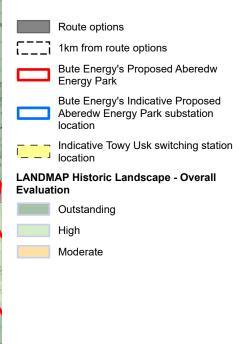
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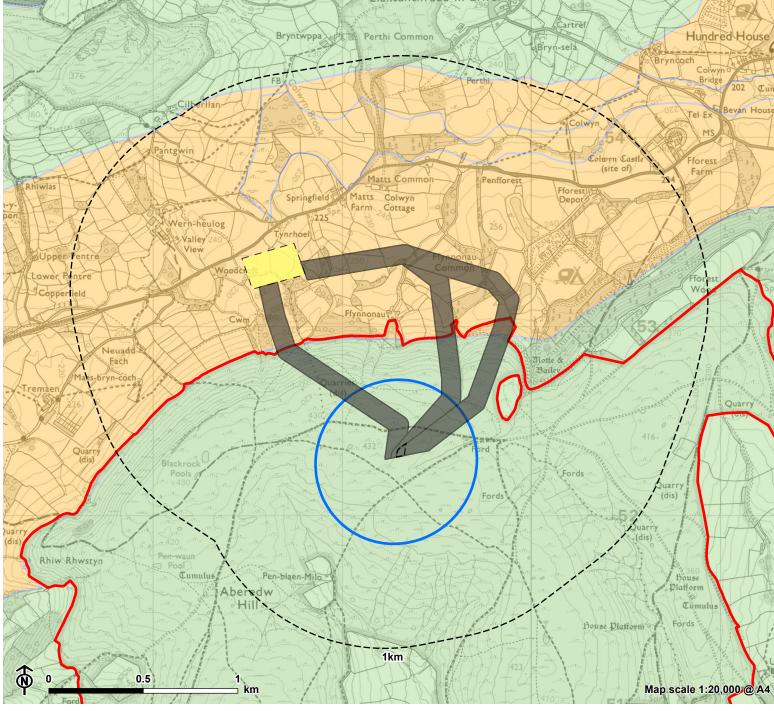
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Figure 4.4.4: Aberedw LANDMAP Aspect Areas: Historic Landscape





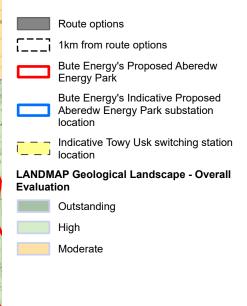
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Figure 4.4.5: Aberedw LANDMAP Aspect Areas: Geological Landscape





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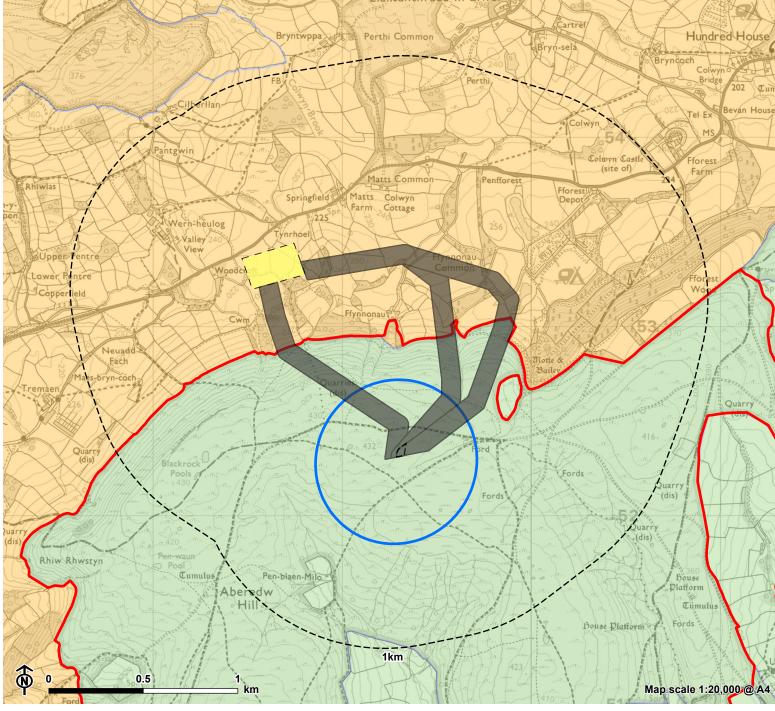
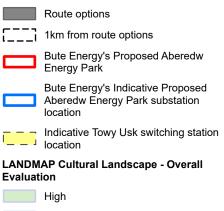




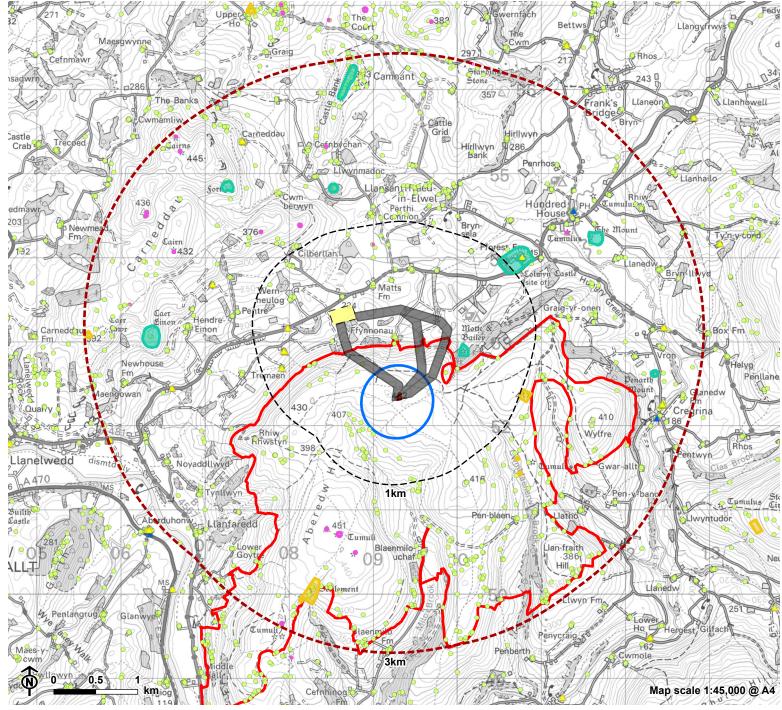
Figure 4.4.6: Aberedw LANDMAP Aspect Areas: Cultural Landscape







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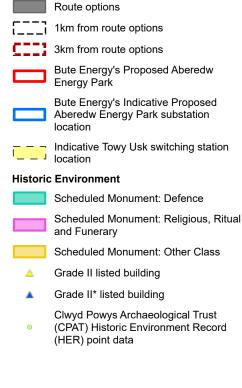
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Figure 4.5: Aberedw Route Options Historic Environment Constraints and Considerations





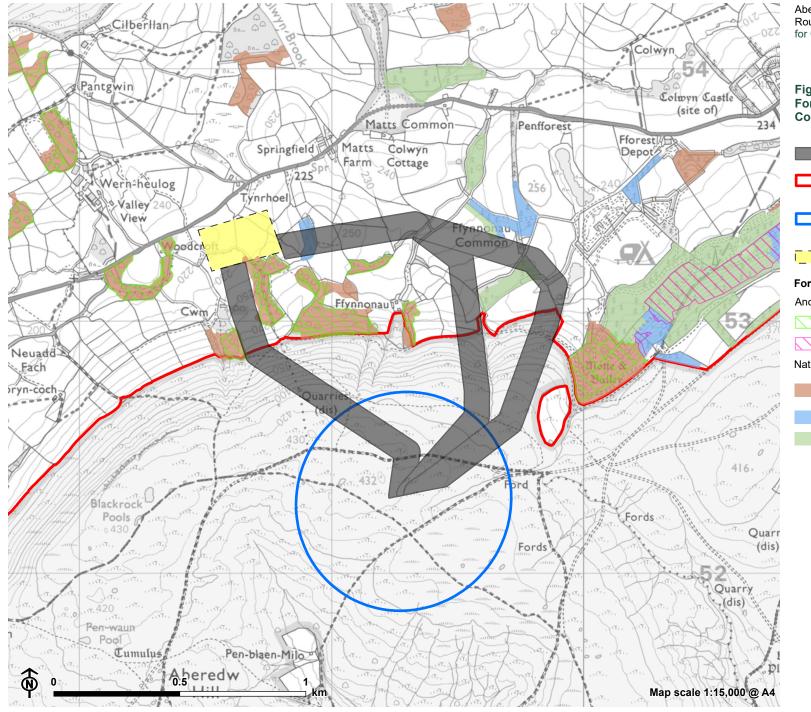




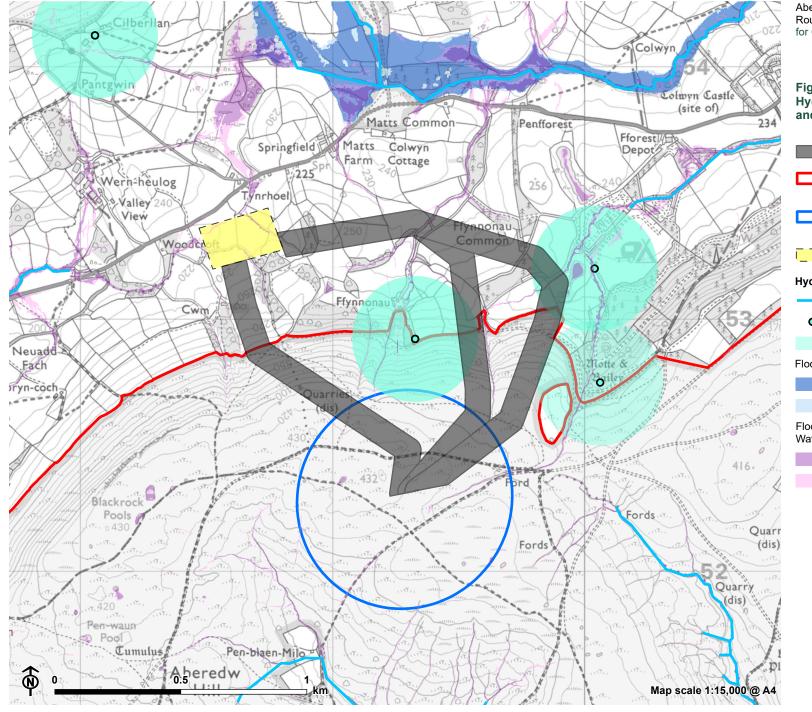
Figure 4.6: Aberedw Route Options Forestry and Woodland Constraints and Considerations





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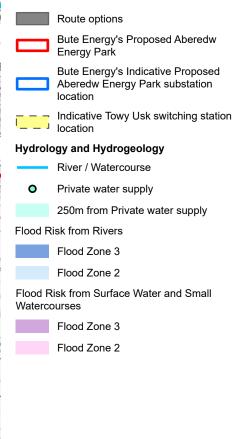
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Figure 4.7: Aberedw Route Options Hydrology and Hydrogeology Constraints and Considerations





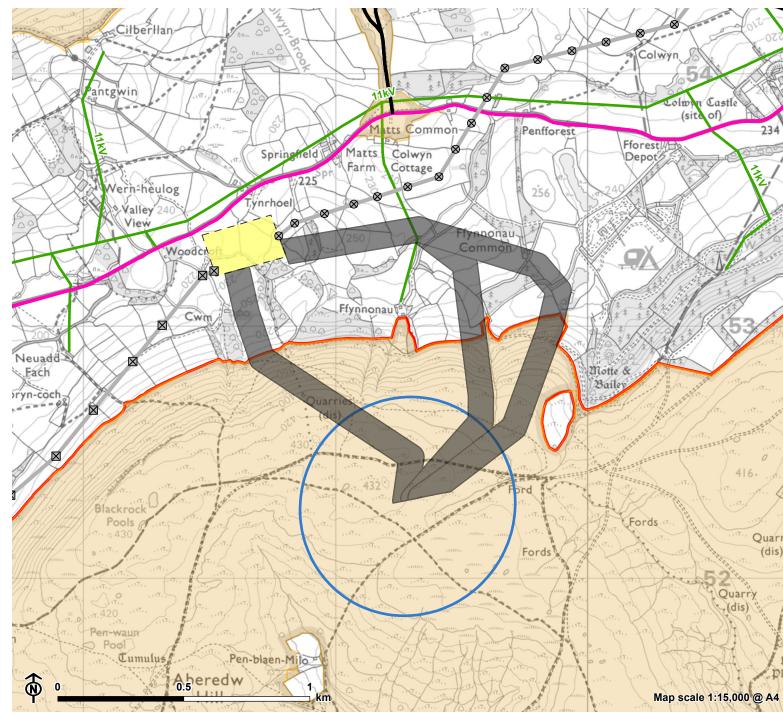
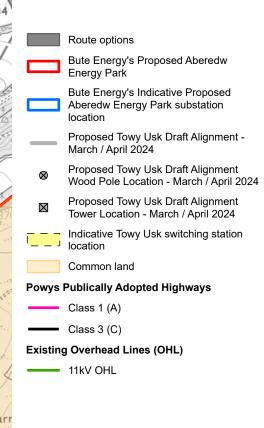


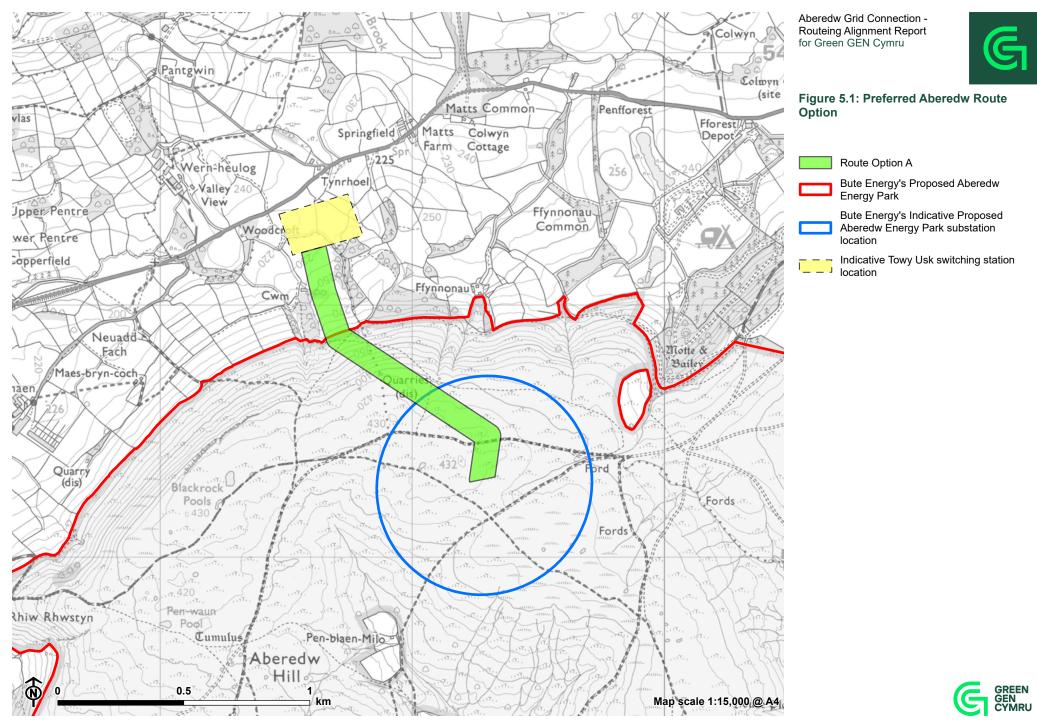


Figure 4.8: Aberedw Route Options Land Use Constraints and Considerations

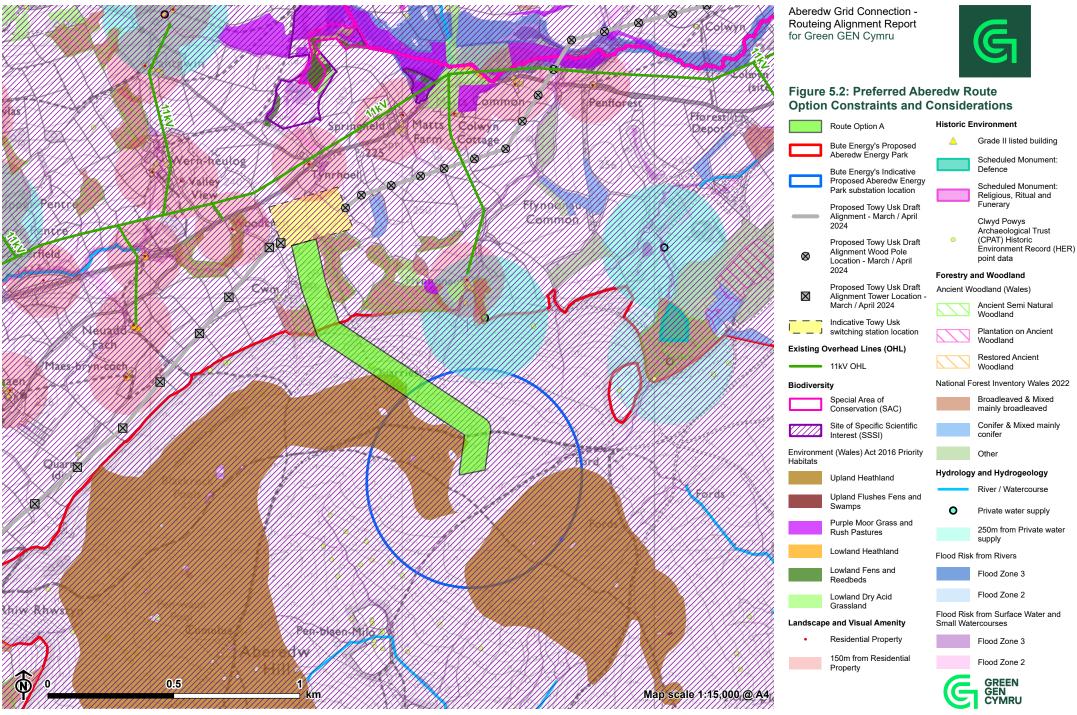




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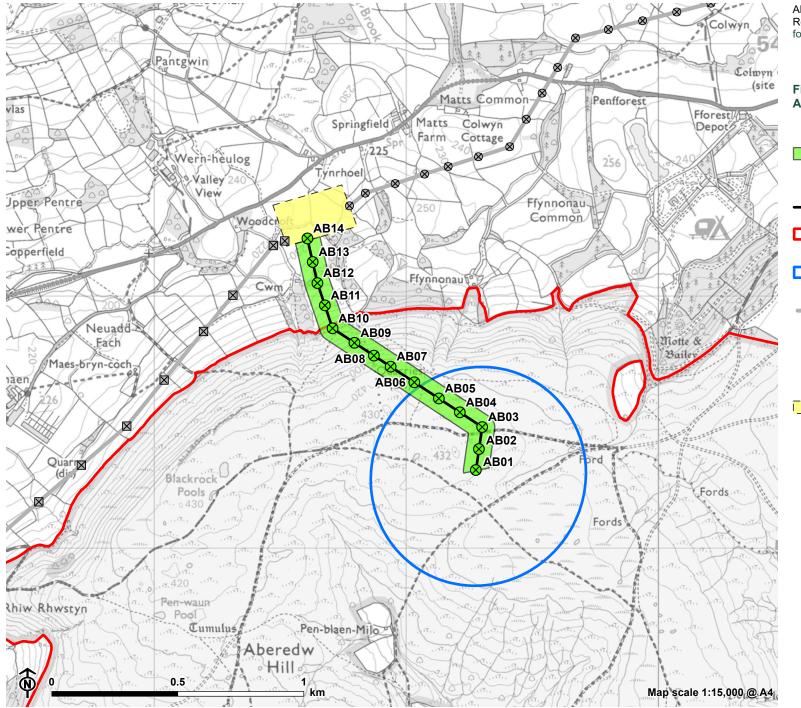


Figure 5.3: Preferred Aberedw Indicative Alignment

