



- Consented Wind Farms**
- C08) Margree
 - C09) Glenishimmeroch
 - C10) North Kyle
 - C11) Lethans
 - C12) Glenmuckloch
 - C13) Fell
 - C14) Knockman Hill
 - C15) Over Hill
 - C16) Torrs Hill
 - C17) Penbreck
 - C18) Polquhairn
 - C19) Kennoxhead Extension
 - C20) Mochrum Fell
 - C21) Knockshinnoch

- Consented Wind Farms**
- C22) Hagshaw Hill Repowering
 - C23) Crookedstane
 - C24) Lion Hill
 - C25) Bankend Rig II
 - C26) Cumberhead
 - C27) Cumberhead West
 - C28) Douglas West Extension
 - C29) Dalquhandy
 - C30) Kirk Hill
 - C31) Broken Cross (2T)
 - C32) Broken Cross (10T)
 - C33) Whitelaw Brae
 - C34) Glenkerie Extension

- Key**
- Proposed turbine locations
 - Landscape and Visual Study Area
 - Lines indicating the distance from the proposed turbines
 - Local authority boundaries
 - Light blue: Long wind farm may be theoretically visible
 - Pink: Existing wind farms may be theoretically visible
 - Yellow: Consented wind farms may be theoretically visible
 - Blue: Long and existing wind farms may be theoretically visible
 - Green: Long and consented wind farms may be theoretically visible
 - Red: Existing and consented wind farms may be theoretically visible
 - Grey: Long, existing and consented wind farms may be theoretically visible
 - Existing / Under Construction Wind Farms

- E14) Sunnyside
- E15) Blackcraig
- E16) Dersalloch
- E17) Kennoxhead (Under Construction)
- E18) Dalswinton
- E19) Andershaw
- E20) Middle Muir
- E21) Galawhistle
- E22) Harestanes
- E23) Bankend Rig
- E24) Hagshaw Hill Extension
- E25) Clyde
- E26) Nutberry
- E27) Dungavel
- E28) Douglas West
- E29) Minnygap
- E30) Kype Muir Extension
- E31) Hadyard Hill
- E32) Kype Muir
- E33) Auchrobert
- E34) Clyde Extension
- E35) Calder Water
- E36) Chapelton Farm
- E37) Whitelee Extension 2
- E38) West Browncastle
- E39) Plascow
- E40) Whitelee
- E41) Whitelee Extension 1
- E42) Ladehead Farm
- E43) Mark Hill
- E44) Sneddon Law (Under Construction)
- E45) Tralorg
- E46) Assel Valley
- E47) Myres Hill
- E48) GlaxoSmithKline (Irvine) T3-4
- E49) Draffanmarshill Farm
- E50) Kilgallioch
- E51) Lochhead Cluster

0 2 4 6 8 10 12 14 16 18 20 km
Scale at A3: 1:360,000
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Client
RWE

Long Wind Farm
EIA Report

Figure 9.17
Cumulative ZTV - Long with existing and consented wind farms between 10-45km

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.
This figure has been based on the following parameters:
Turbine layout file: LS36.LORG2020019.WFL
Hub height: 125m
Rotor diameter: 150m
Height to blade tip: 200m

C:\Users\ragwilson\Documents\ArcGIS\Long_S36\ArcGIS\2022_MXD\Figure 9.17_Cumu_ZTV_EIA_Con_10-45km_32964-G05673-R6.mxd Originator: brycc