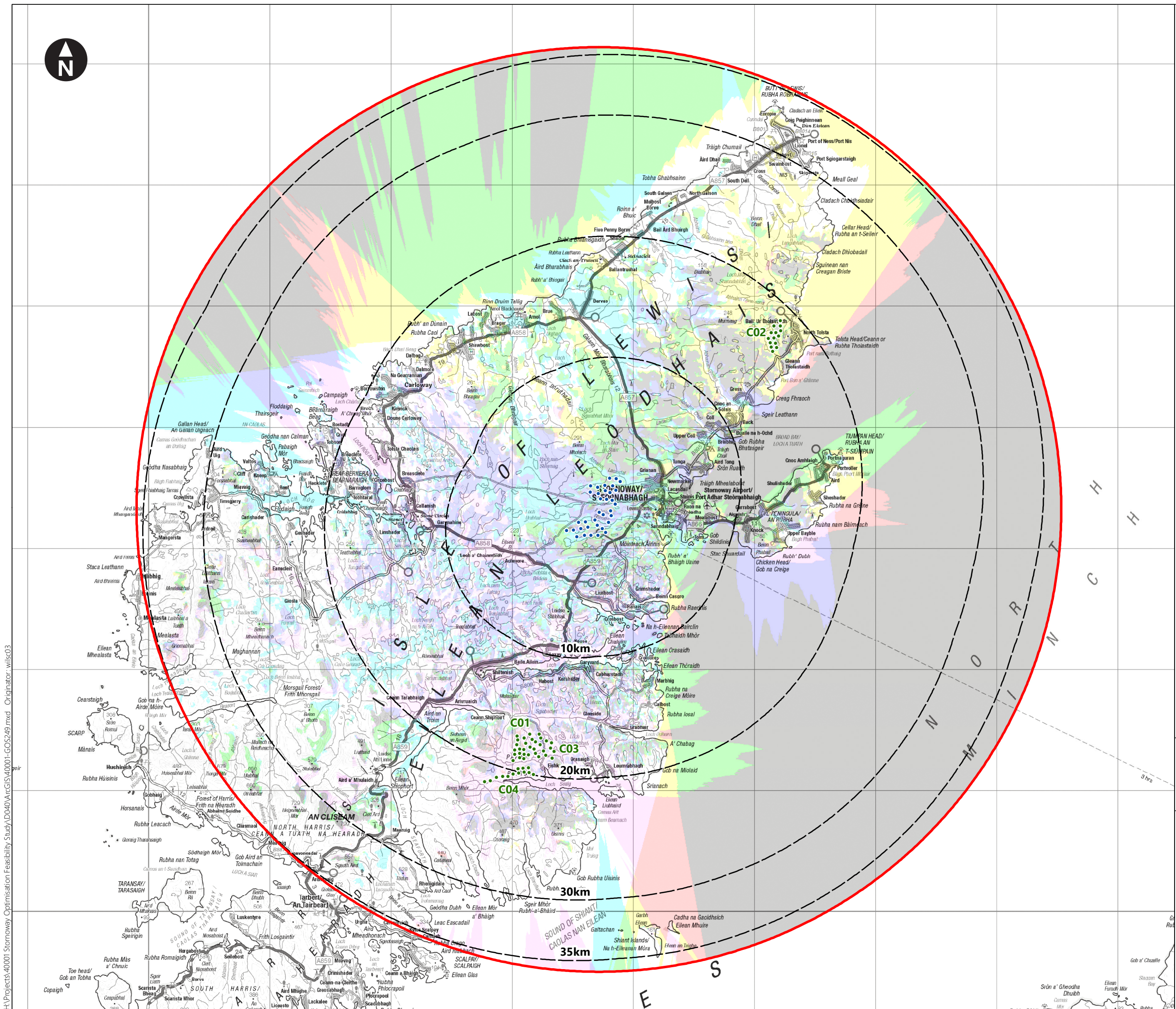


H:\Projects\40001 Stornoway Optimisation Feasibility Study\04040\ArcGIS\40001-GOS\249.mxd Originator: wilco33



Key

- Proposed turbine locations
- LVIA Study Area
- Lines indicating the distance from the proposed turbines
- Consented Wind Farms
 - C01) Muaitheabhal Beinn Mhor
 - C02) Druum Leathann
 - C03) Muaitheabhal East Extension
 - C04) Muaitheabhal South Extension
- Stornoway wind farm may be theoretically visible
- Muaitheabhal wind farms may be theoretically visible
- Druum Leathann wind farm may be theoretically visible
- Stornoway and Muaitheabhal wind farms may be theoretically visible
- Stornoway and Druum Leathann wind farms may be theoretically visible
- Muaitheabhal and Druum Leathann wind farms may be theoretically visible
- Stornoway, Muaitheabhal and Druum Leathann wind farms may be theoretically visible

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: LSTORNOWAY045.WFL
Hub height: 105m / 88m
Rotor diameter 150m / 136m
Height to blade tip: 180m / 156m

0 2 4 6 8 10 12 14 16 18 km
Scale at A3: 1:300,000

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Client

Lewis Wind Power
Cumhachd Gaoithe

Stornoway Wind Farm
EIA Report

Figure 6.13a
Cumulative ZTV – Stornoway and Consented Wind Farms

March 2019

wood.