



## **Cloud Hill Wind Farm**

Volume 2b: EIA Report LVIA Figures

August 2023

Project No.: 0669769



Page intentionally left blank

www.erm.com Version: 01 Project No.: 0669769 Client: Cloudhill Wind Farm Ltd August 2023

#### CONTENTS

#### 6. LANDSCAPE AND VISUAL IMPACT ASSESSMENT

- FIGURE 6.1 Study Area
- FIGURE 6.2a Landscape Character
- FIGURE 6.2b Landscape Character Legend
- FIGURE 6.3 Landscape Designations and Wild Land Area
- FIGURE 6.4 Visual Receptors
- **FIGURE 6.5a** Blade Tip Zone of Theoretical Visibility with Viewpoints (45km)
- **FIGURE 6.5b** Blade Tip Zone of Theoretical Visibility with Viewpoints (20km)
- **FIGURE 6.6a** Hub Height Zone of Theoretical Visibility with Viewpoints (45km)
- **FIGURE 6.6b** Hub Height Zone of Theoretical Visibility with Viewpoints (20km)
- FIGURE 6.7 Horizontal Angle Blade Tip Zone of Theoretical Visibility and Viewpoints
- **FIGURE 6.8** Blade Tip Zone of Theoretical Visibility and Landscape Character Areas
- FIGURE 6.9a Landscape Designations with Zone of Theoretical Visibility (45km)
- FIGURE 6.9b Landscape Designations with Zone of Theoretical Visibility (20km)
- FIGURE 6.10 Visual Receptors
- FIGURE 6.11 Composite Map

- FIGURE 6.12 Cumulative Wind Farms
- **FIGURE 6.13a** Cumulative Zone of Theoretical Visibility with Operational Whiteside
- FIGURE 6.13b Cumulative Zone of Theoretical Visibility with Operational Sanguhar
- FIGURE 6.13c Cumulative Zone of Theoretical Visibility with Operational Hare Hill and Extension
- **FIGURE 6.13d** Cumulative Zone of Theoretical Visibility with Operational Afton
- FIGURE 6.13e Cumulative Zone of Theoretical Visibility with Operational Windy Standard I, Windy Standard II and Windy Rig
- FIGURE 6.13f Cumulative Zone of Theoretical Visibility with Operational Wether Hill
- FIGURE 6.13g Cumulative Zone of Theoretical Visibility with Operational Sandy Knowe
- FIGURE 6.13h Cumulative Zone of Theoretical Visibility with Operational Twentyshilling Hill
- FIGURE 6.13i Cumulative Zone of Theoretical Visibility with Consented Lorg
- FIGURE 6.13j Cumulative Zone of Theoretical Visibility with Application Euchanhead
- FIGURE 6.13k Cumulative Zone of Theoretical Visibility with Application Sanquhar II
- FIGURE 6.14 Baseline Light Pollution

www.erm.com Version: 01 Project No.: 0669769 Client: Cloudhill Wind Farm Ltd August 2023 Page 5

Volume 2b: EIA Report LVIA Figures

- FIGURE 6.15 Zone of Theoretical Visibility of Turbine Hub Lighting
- FIGURE 6.16 Lighting Intensity

www.erm.com Version: 01 Project No.: 0669769 Client: Cloudhill Wind Farm Ltd August 2023 Page 6

# ERM has over 160 offices across the following countries and territories worldwide

South Africa

South Korea

Argentina The Netherlands
Australia New Zealand

Belgium Norway Brazil Panama Canada Peru Chile Poland Portugal China Colombia Puerto Rico Romania France Russia Germany Guyana Singapore

Indonesia Spain Ireland Sweden Italy Switzerland Japan Taiwan Kazakhstan Tanzania Kenya Thailand Malaysia UK Mexico US Mozambique Vietnam

Myanmar

Hong Kong

India

### **ERM's Edinburgh Office**

6<sup>th</sup> Floor 102 West Port Edinburgh EH3 9DN

www.erm.com

