Legend

- Application Boundary
- Turbine Location (135m Tip Height)
- Turbine Location (149.9m Tip Height)
- 5km and 10km Buffer from Turbines
- Proposed Access Track
- Proposed Turning Head
- Proposed Substation
- Proposed Construction Compound
- Proposed Laydown Area
- Borrow Pit Search Area
- Proposed Crane Pad
- Proposed Solar Control Building
- Proposed Solar Area
- Proposed Solar Area 1km Buffer

Designated Heritage Assets

- Scheduled Monument (Central Point)
- Scheduled Monument (Area)

Listed Buildings

- A
- B
- C

Non-Designated Heritage Assets of Regional Importance

- Prehistoric Fort/Dun
- Prehistoric Petroglyphs
- Undated Chapel

Zone of Theoretical Visibility No. of Turbine Blade Tips Visible

- High : 19 Turbines Visible
- Low : 1 Turbine Visible

Note

This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 5 dataset (+/-2m) up to 20km from the turbine locations, and OS Terrain 50 dataset (+/-10m). Earth curvature has been included in the ZTV calculation and refraction of light has been applied using SNH guidance settings. The ZTV has been generated from a viewing height of 2m above ground level which falls within recommendations by "Visual Representation of Windfarms" prepared for Scottish Natural Heritage (SNH) February 2017 - Version 2.2.

The use of ZTV mapping at this stage is limited and the folowing assumptions should be noted:

•The ZTV has been generated using the proposed turbine locations for Sheirdrim.

•The proposed turbine blade tips heights of 135m and 149.9m have been used for generating the ZTV.

•The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. It does not indicate potential visual effects or show the likely significance of effects. It shows potential theoretical visibility only. The ZTV has been produced for the purpose of informing 'on the ground' visual assessment.

•The ZTV colour palette has been specifically developed to assist viewers with reduced

SCOTTISHPOWER RENEWABLES

Rev	Date	By	Comment
A	23/10/19	AB	First Issue.

1:100,000 Scale @ A3

0 2 4 Km

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Sheirdrim Renewable Energy Development - EIAR

Archaeology and Cultural Heritage
Designated and Non-Designated Heritage Assets of Regional Importance

Drg No	00481.00051.24.11.1.1
Rev	A
Date	23/10/19
Figure	11.1

Datum: OSGB36 Projection: TM