



Key

	Development Site Boundary		1-8 turbines may be theoretically visible
	Stornoway Core Boundary		9-17 turbines may be theoretically visible
	Greater Stornoway Main Settlement		18-26 turbines may be theoretically visible
	LVIA Viewpoints		27-35 turbines may be theoretically visible

Source: Comhairle nan Eilean Siar, January 2019

2) Stornoway (Lewis) War Memorial
24) Upper Newvalley
25) Newmarket

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 Aerial Photography Derived 2m DSM height data only. The ZTV calculation only takes into account any surface features such as trees and buildings within the Aerial Photography Derived 2m DSM boundaries. 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

0 100 200 300 400 500 600 m
Scale at A3: 1:10,000

Client

Lewis Wind Power
Cumhachd Gaoithe

Stornoway Wind Farm
EIA Report

Figure 6.20c
Greater Stornoway Main Settlement -
Marybank / Maryhill / Newmarket /
Newvalley / Laxdalewith with ZTV to Blade
Tip