



High Matherdock BESS
Harmony HM Ltd



Figure 3: Horizontal Subtended Zone of Theoretical Visibility of High Matherdock BESS

- High Matherdock BESS
- 0.5 km from High Matherdock BESS
- 1 km interval from High Matherdock BESS
- Landscape Character Type - NatureScot 2019
- 0: Urban
- 197: Raised Beach - Glasgow & Clyde Valley
- 202: Rugged Upland Farmland
- 216: Rugged Moorland Hills

Horizontal Subtended Angle Theoretical Visibility

Maximum horizontal angle (degrees)

- < 5
- 5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- 25 - 30
- 30 - 35
- 35 - 40
- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60
- 60 - 65
- > 65

- Viewpoint
- 2: Devol Road
- 3: High Matherdock
- 4: Matherdock Battery (SM)

The horizontal subtended ZTV indicates the maximum theoretical horizontal visibility of the substation and BESS extents. It is calculated a 50 m point grid from a viewing height is 2 m above ground level. The terrain model is based on Ordnance Survey OST5 DTM (5m grid, obtained from Emapsite, April 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using windPRO 4.1