



No. of panoramic montages required to depict the proposed Maighne Wind Farm turbines from this viewpoint **1**

Viewpoint Information

National Grid Coordinate of Viewpoint
Easting: 694397
Northing: 705553
Elevation: 224.45 m

Turbine Information

Turbine Dimensions
 Hub Height: 109 m
 Blade Length: 60 m
 Tip Height: 169 m

These are the dimensions of the turbines depicted in the photomontages

Photo Capture Information

Image Capture Information
Date: 18 November 2014
Time: 11:57

Camera Information
Camera: Canon 5D Mark II
Lens: 50mm fixed
Focal Length: 50mm
Camera Height: 1.7 m AGL

Visibility Information

Number of Turbines Visible
 Number of Nacelles Theoretically* Visible: 45
 Number of Nacelles Actually** Visible: 27

Angle of View Occupied by Turbines
 Angle of View Theoretically* Occupied by Turbines: 31°
 Angle of View Actually** Occupied by Turbines: 25°

Distance to Nearest Turbine
 Distance to Nearest Turbine: 27.63 km
 Distance to Nearest Visible Turbine: 27.63 km

* Theoretically - refers to figures derived by calculations performed on a digital model of the terrain. This accounts for landform screening only.

** Actually - refers to the actual view which takes account of all inherent screening (vegetation, buildings, landform) - derived from photomontage