



Date March 2025	By DT
Image Size 820 x 260mm	QA SPB/KA
Paper Size 841 x 297mm	Rev A
0915-NatureScot-180m-tip-visuals	

**Notes:**

- 1) This visualisation is a planar projection panorama. View flat at a comfortable arm's length.
- 2) This data has been output directly from the wireline model. It ignores screening effects of woodland and other intervening objects.
- 3) All directions given as bearings relative to Grid North (BNG).
- 4) Location map scale: 1:50,000.

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**Viewpoint information:**

Grid Reference:	134091E 835305N
Ground Height:	45.8m AOD
Direction of Centre of View: °	348°
Horizontal Field of View: °	53.5°
Vertical Field of View: °	18.2°
Principal Distance:	813.4mm

**Layout information:**

Layout:	ben-aketil-d001.wfl
Hub Height:	102.5m
Height to Blade Tip:	180m
Nearest Visible Turbine:	T6 @ 11415m
Number of Sets of Tips Visible: ²	9
Number of Hubs Visible: ²	9

**Wireline Key:**

	Ben Aketil
	Operational / Under Construction



**Ben Aketil Wind Farm Repowering and Extension**

**Viewpoint 11: Ardtreck, Minginish**

**WIRELINER VISUALISATION - 180m tip**



PHOTOMONTAGE

VIEW FLAT AT A COMFORTABLE ARM'S LENGTH  
IF VIEWING THIS IMAGE ON A SCREEN, ENLARGE TO FULL SCREEN HEIGHT

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March 2025	DT
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820 x 260mm	SPB/KA
Paper Size	Rev
841 x 297mm	A
0915-NatureScot-180m-tip-visuals	

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**Viewpoint Information:**

Grid Reference:	134091E 835305N
Ground Height:	45.8m AOD
Direction of Centre of View: <sup>3</sup>	348°
Horizontal Field of View:	53.5°
Vertical Field of View:	18.2°
Principal Distance:	813.4mm

**Photography Information:**

Camera:	Canon EOS 5D
Lens:	50mm Fixed Focal Length
Camera Height:	1.5m
Photography Date:	19/07/2022
Photography Time:	09:58

**Layout Information:**

Layout:	ben-aketil-d001.wfl
Hub Height:	102.5m
Height to Blade Tip:	180m
Nearest Visible Turbine:	T6 @ 11415m
Number of Sets of Tips Visible: <sup>2</sup>	9
Number of Hubs Visible: <sup>2</sup>	9



**Ben Aketil Wind Farm Repowering and Extension**

**Viewpoint 11: Ardtreck, Minginish**  
**PHOTOMONTAGE VISUALISATION - 180m tip**



**PHOTOMONTAGE**

**VIEW FLAT AT A COMFORTABLE ARM'S LENGTH  
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Date	By
March 2025	DT
Image Size	QA
820 x 260mm	SPB/KA
Paper Size	Rev
841 x 297mm	A
0915-NatureScot-180m-tip-visuals	

**Notes:**

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**Viewpoint information:**

Grid Reference: 134092E 835308N  
 Ground Height: 46.1m AOD  
 Direction of Centre of View: 348°  
 Horizontal Field of View: 53.5°  
 Vertical Field of View: 18.2°  
 Principal Distance: 813.4mm

**Photography information:**

Camera: Nikon z6 2  
 Lens: 50mm Fixed Focal Length  
 Camera Height: 1.5m  
 Photography Date: 28/08/2022  
 Photography Time: 21:07

**Layout information:**

Layout: ben-aketil-d001.wfl  
 Hub Height: 102.5m  
 Height to Blade Tip: 180m  
 Nearest Visible Turbine: T6 @ 11412m  
 Number of Sets of Tips Visible: 2  
 Number of Hubs Visible: 2



**Ben Aketil Wind Farm Repowering and Extension**

**Viewpoint 11: Ardtreck, Minginish (night)  
PHOTOMONTAGE VISUALISATION - 180m tip**