# Technical Appendix 2.1 Design Iteration

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# **Appendix 2.1 – Design Iteration**

The following draft visualisations show how, through consultation with Historic Environment Scotland (HES) (June 2024), the Proposed Development layout was amended to address concerns raised by HES of views from the Dungavel Hill, cairn Scheduled Monument (SM2848).

#### 1. HEC - WE Phase 1 Update - Dungavel Hill - Comparative Wirelines

#### Sheet C - 90 Degrees Cylindrical Projection

This comparative visualisation shows the removal of Turbine 02 and relocation of Turbine 03 (renumbered T02) to improve views from the cairn to the north.

#### 2. HEC - WE Phase 1 Update - Dungavel Hill - Comparative Wirelines

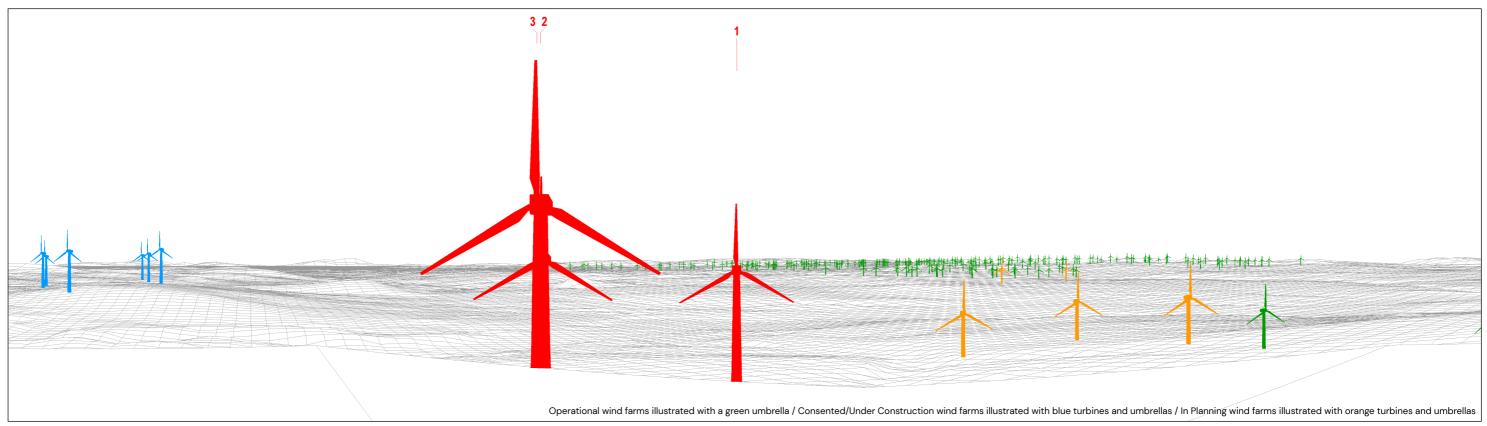
#### Sheet E - 90 Degrees Cylindrical Projection - Cairn Table centred in the view

This comparative visualisation shows the removal of Turbine 07 (Scoping Update Layout) to improve views south from Dungavel Hill, cairn, giving direct view of Cairn Table respecting the intervisibility of cairns in the surrounding landscape.

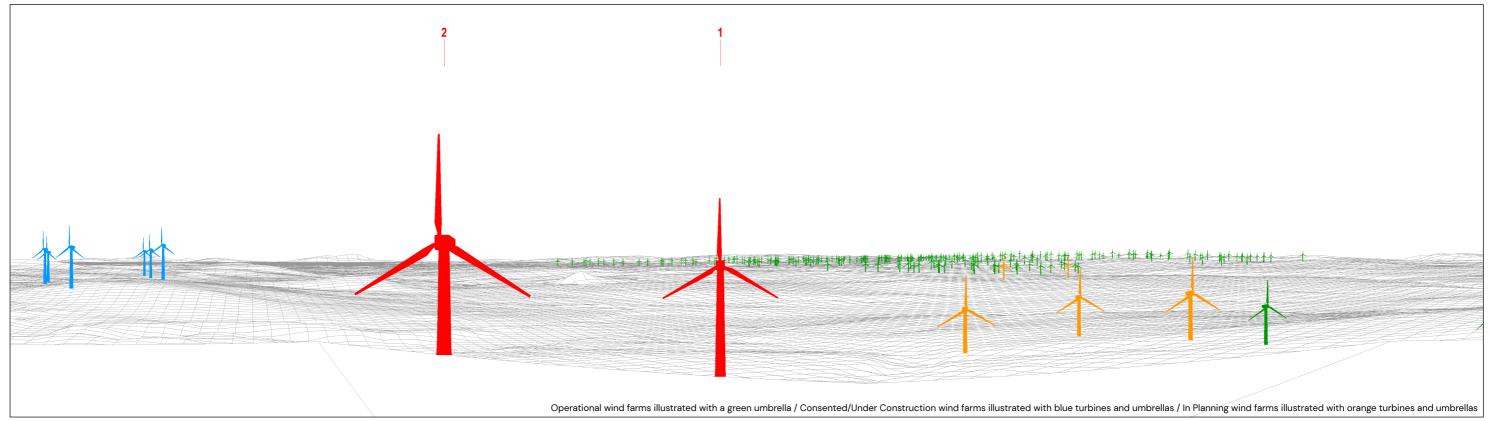
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## HEC - WE Phase 1 Update - Dungavel Hill - Comparative Wirelines

Sheet C - 90 Degrees Cylindrical Projection



Scoping Update Layout – 26 Turbines



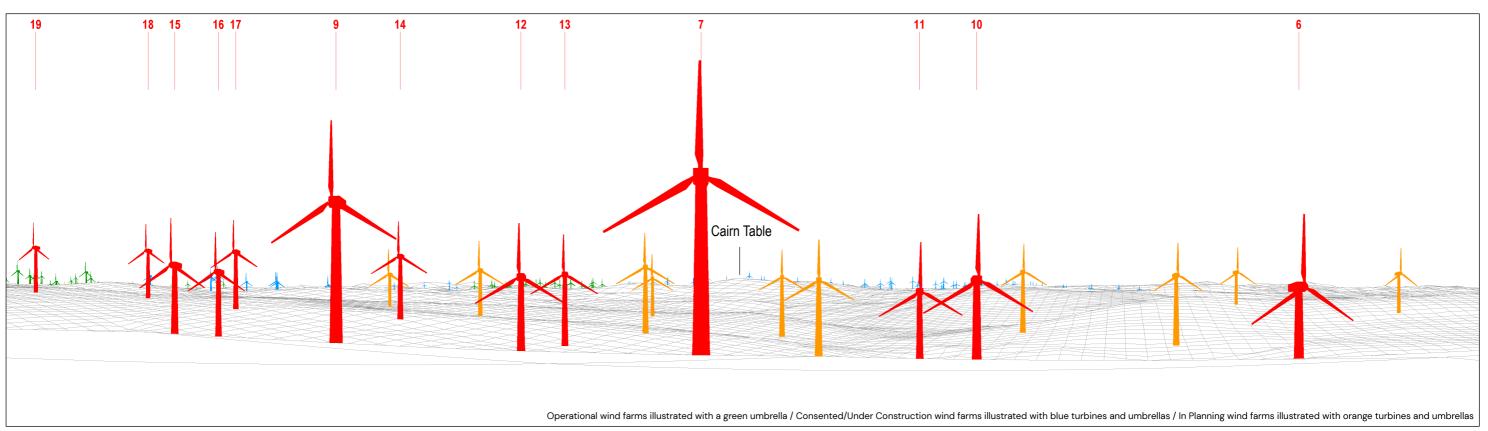
Revised Layout - 21 Turbines



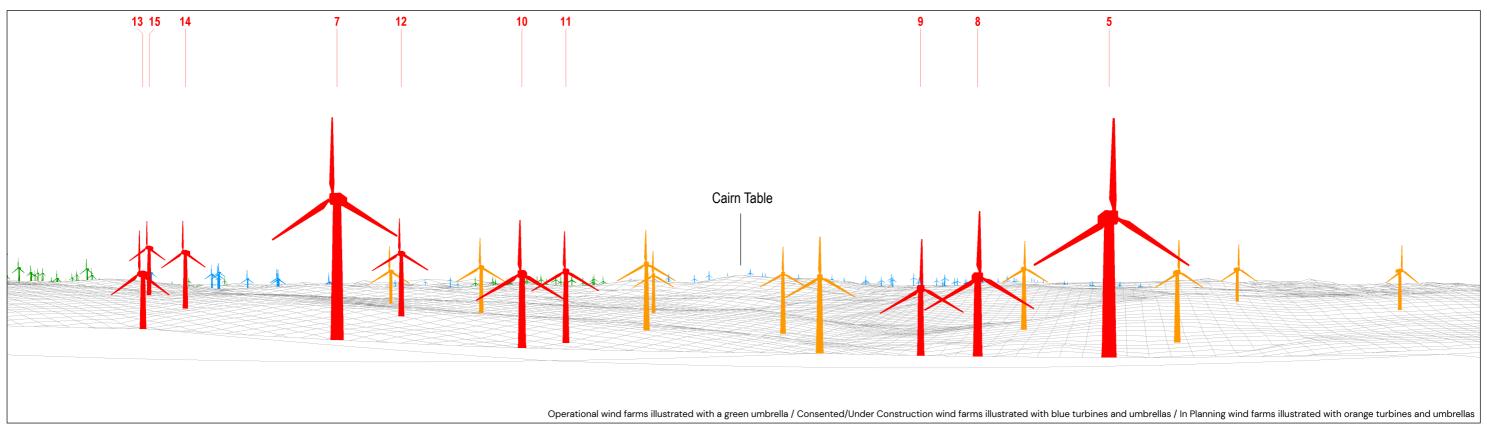
**Turbine Parameters** 230m blade tip, 148.5m hub height and a 163m rotor diameter

## HEC - WE Phase 1 Update - Dungavel Hill - Comparative Wirelines

Sheet E - 90 Degrees Cylindrical Projection - Cairn Table centred in the view



Scoping Update Layout – 26 Turbines



Revised Layout - 21 Turbines



**Turbine Parameters** 230m blade tip, 148.5m hub height and a 163m rotor diameter