How photomontages are presented for each viewpoint

Sheet 1: 90°/180° Baseline Photography, Contextual Panoramic Photomontage, Contextual Wireframe



What is Displayed

90°/180° Baseline Panorama Photograph and matching Cumulative Wireframe (Cylindrical Projection - to be viewed curved):

The top image depicts a 90°/180° (included angle) Baseline panorama generated from captured photography.

The bottom image depicts a 90°/180° (included angle) matching computer generated wireframe. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments). Extent bars indicate the extent of the 53.5° Panoramic Photomontage/Wireframe Views within the depicted 90°/180° Baseline

views.

The center image demonstrates a 90°/180° (included angle) contextual panoramic photomontage view which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Information relating to the viewpoint, proposed development and photography capture are included. A thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view. A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

What is Displayed

53.5° Photomontage View and 53.5° Wireframe View (Planar Projection - to be viewed flat)

The top image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

The bottom image shows a 53.5° (included angle) Wireframe View which matches the 53.5° Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments).

Wireframes are computer-generated images which depict the 'bare ground' terrain along with the proposed wind farm development and other cumulative wind farms developments within the depicted view. They are generated in GIS (Geographic Information System) mapping software based from a DTM (Digital Terrain Model).

In some instances, the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

As required by the SNH guidelines, the purpose of the baseline panorama (top image) and wireframe (bottom image) is to provide wider landscape and visual context to help the viewer understand where development sits within the wider landscape. The wireframe also illustrates cumulative effects and provides the viewer with the full cumulative context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

An additional image not required by the guidelines, the contextual panoramic photomontage view is included to give a broader context to the viewer. They are presented in a non-standard, full project extent format to aid legibility.

Please refer to the 53.5° planar projection photomontages and associated wireframes for correct representation of scale.

As required by the SNH guidelines, the 53.5° panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

As required by the SNH guidelines, the 53.5° wireframe is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment.

Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

Rationale

Rationale

