

**Viewpoint Parameters**

|   |                            |
|---|----------------------------|
| OS reference:   | E260 261, N614 742         |
| Ground Level Elevation:                                   | 198m AOD                   |
| Camera Height:  | 1.5m AGL                   |
| Direction of view to site centre <sup>3</sup> :           | 154°                       |
| Distance to nearest turbine:                              | 13,004m                    |
| Number of blade tips theoretically visible <sup>4</sup> : | 5                          |
| Number of hubs theoretically visible <sup>4</sup> :       | 5                          |
| Date and time of viewpoint photography:                   | 19/05/2022 @ 18:25         |
| Camera:   | Canon EOS 5D Mk2           |
| Lens:   | 50mm (Canon EF 50mm f/1.8) |

**Information on the limitations of visualisations:**

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

**Additional notes:**

1. This figure has been based on the following parameters:  
Turbine layout file: LS36LORG2020019.WFL
  - Hub height: 119m
  - Rotor diameter: 162m
  - Height to blade tip: 200m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.

Client

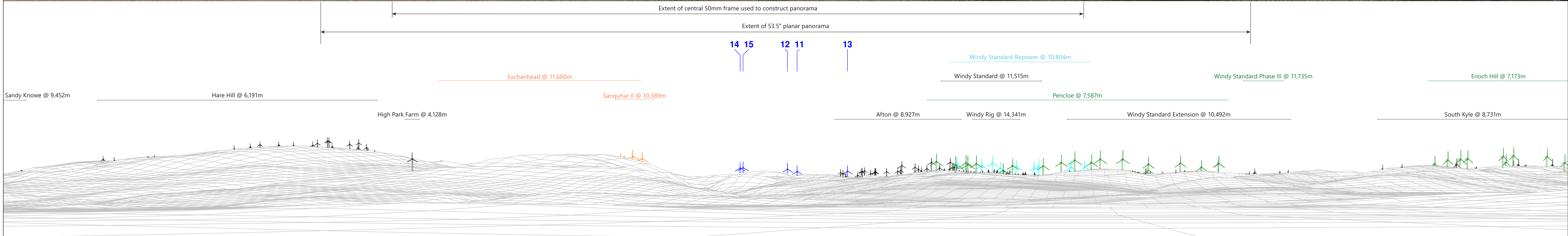
Long Wind Farm  
EIA Report

**Figure 9.34a**  
**Viewpoint 13: Lochside Hotel**



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 11, 12, 13 and 15 would be lit at the hub with a visible red aviation warning light.

**Wind Farm Key:** Lorg Wind Farm Existing Consented Application Scoping

|                    |                    |                             |                              |                |                            |
|--------------------|--------------------|-----------------------------|------------------------------|----------------|----------------------------|
| OS reference:      | E260 261, N614 742 | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mk2           |
| Eye level:         | 199.5m AOD         | Principal distance:         | 522mm                        | Lens:          | 50mm (Canon EF 50mm f/1.8) |
| Direction of view: | 160°               | Paper size:                 | 841mm x 297mm (half A1)      | Camera height: | 1.5m AGL                   |
| Nearest turbine:   | 13,004m            | Correct printed image size: | 820 x 130mm                  | Date and time: | 19/05/2022 18:25           |



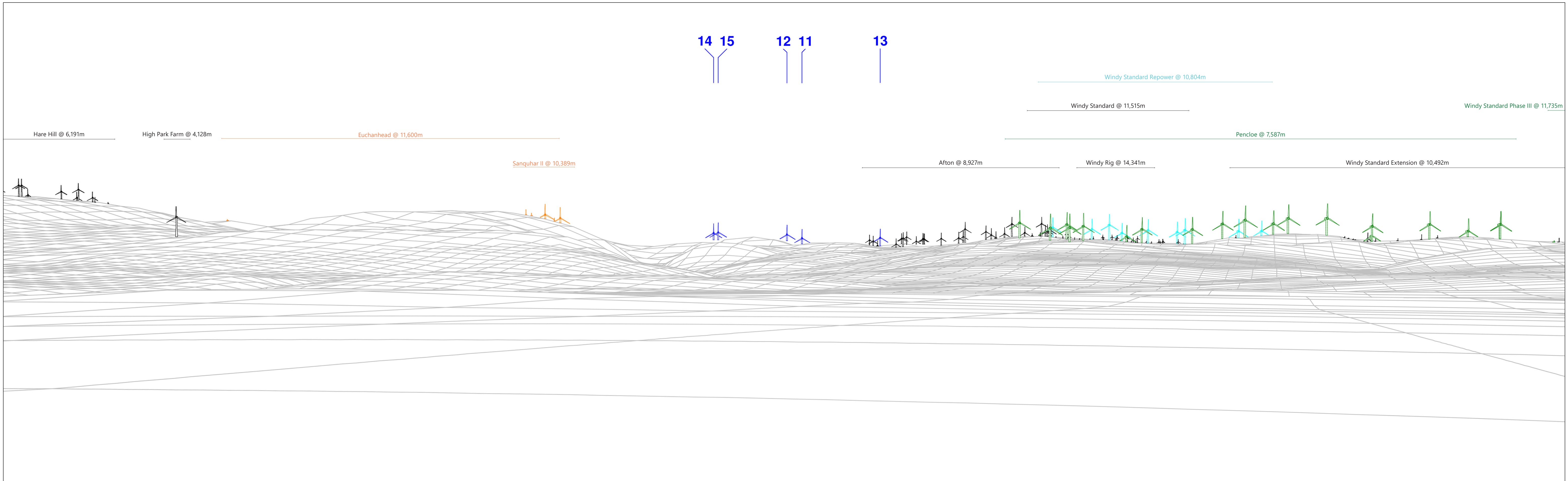
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Figure 9.34b  
Viewpoint 13: Lochside Hotel

October 2022



Originator: wis03  
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**Wireline drawing**  
 Note: Turbines 11, 12, 13 and 15 would be lit at the hub with a visible red aviation warning light.

**Wind Farm Key:** Lorg Wind Farm Existing Consented Application Scoping

|                    |                    |                             |                           |                |                            |
|--------------------|--------------------|-----------------------------|---------------------------|----------------|----------------------------|
| OS reference:      | E260 261, N614 742 | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mk2           |
| Eye level:         | 199.5m AOD         | Principal distance:         | 812.5mm                   | Lens:          | 50mm (Canon EF 50mm f/1.8) |
| Direction of view: | 160°               | Paper size:                 | 841mm x 297mm (half A1)   | Camera height: | 1.5m AGL                   |
| Nearest turbine:   | 13,004m            | Correct printed image size: | 820 x 260mm               | Date and time: | 19/05/2022 18:25           |



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**Figure 9.34c**  
**Viewpoint 13: Lochside Hotel**

View flat at a comfortable arm's length  
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 Originator: wis03



Photomontage

View flat at a comfortable arm's length

|                    |                    |                             |                           |                |                            |
|--------------------|--------------------|-----------------------------|---------------------------|----------------|----------------------------|
| OS reference:      | E260 261, N614 742 | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mk2           |
| Eye level:         | 199.5m AOD         | Principal distance:         | 812.5mm                   | Lens:          | 50mm (Canon EF 50mm f/1.8) |
| Direction of view: | 160°               | Paper size:                 | 841mm x 297mm (half A1)   | Camera height: | 1.5m AGL                   |
| Nearest turbine:   | 13,004m            | Correct printed image size: | 820 x 260mm               | Date and time: | 19/05/2022 18:25           |



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**Figure 9.34d**  
**Viewpoint 13: Lochside Hotel**

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