

Architectural Strategy



Our aim

Our Architectural Strategy sets out guidelines for architects to use when designing buildings for the Wylfa Newydd Project. The strategy focuses on the building blocks of good design and creating a sense of belonging for all

Wylfa Newydd Project buildings, but it does not dictate a specific architectural style — the aim is to support the architects' individual creativity and innovation to design distinctive buildings.

Key elements

The Architectural Strategy aims to promote sustainable design by:

- using material available locally where possible
- considering how to conserve water within the buildings' designs
- making use of technology that helps buildings hold their heat in winter and stay cool in summer
- designing for the whole life of the building, including considering how it could be adapted for different uses and how easily it can be taken down so that materials can be re-used in other projects

The strategy encourages architects to design buildings in context, which means:

- creating designs that suit the uses of the building, such as simple designs for functional buildings like garages and warehouses and more creative and interesting use of materials, shapes and colours in buildings open to the public
- working with different ground levels and considering views into and out of sites to help buildings fit into the local landscape
- considering how buildings will look to passers-by when deciding their layout and the location of entrances

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The strategy also specifies a limited selection of materials to be used in the buildings' designs to ensure all Wylfa Newydd Project buildings share common features:

- there is a specific set of local materials for all buildings, falling into two categories:
 - **Background materials:** modern, high-performing, functional and long-lasting to withstand the exposed north Anglesey climate. These include light coloured concrete, curtain walling, composite insulated panels, glass, standing seam roofing

– **Feature materials:** carefully selected for their link to Anglesey's industrial heritage and to reflect local building styles. These materials will be used to add detail, particularly at building entrances and include patinated copper, stacked slate and Welsh stone

- there is a selection of colours for architects to use in their designs, chosen to provide a fresh, clean and modern look, as well as picking up colours from the north Anglesey landscape

How it works

The Architectural Strategy sets the principles, but leaves individual designers with the flexibility to interpret them in different ways.

These pictures illustrate a range of different building styles. Some have a more bold style and others are designed to blend in with their surroundings. All of them meet the Architectural Strategy guidelines.

We would like to hear your views on these architectural styles. Your feedback will help us complete the next stage of architectural design, which is the preparation of a 'design brief' for each of the Wylfa Newydd Project buildings. The design brief interprets the Architectural Strategy and adds details about the specific requirements for each building such as the location of the building; the number, size and type of rooms, the number of storeys and more detailed guidelines on the architectural style.

Administration building



Visitor centre



On-site temporary workers' accommodation



An example of the material palettes that we've created are shown in the following:



Glass curtain walling



Patinated copper



Stacked slate



Welsh slate



Composite cladding



Exposed concrete



Welsh stone



Blue engineering brick

Please let us know what you think about our plans - you can give us your feedback at this event or visit our website: www.horizonnuclearpower.com/consultation