



CASE STUDY

Glasdon FOCUS ON

manxcable
company limited

Garrison™

CIRCUIT BREAKER HOUSING

Requirement Identified

Manx Cable Company Limited are responsible for the operation and maintenance of the electrical interconnector cable between the Isle of Man and the UK.

Glasdon were contacted by Manx Cable Company to enquire about a special housing requirement to store very large Circuit Breakers at their Bispham Substation.

The size of the housing needed to have clear internal dimensions of 12m long x 6m wide x 4.5m high.



Solution

Following consultation with Glasdon's Technical Sales Department, a solution based upon the Garrison Modular GRP Housing System was developed. Based upon the standard 3.5m high modular panels, it was agreed that the additional 1m height could be derived using a bespoke 1m high concrete dwarf wall.

Glasdon worked with a structural engineering company to design the concrete dwarf wall and the final proposal was submitted for approval.

The Garrison Housing was assembled on site by the experienced team of Glasdon Engineers, who mounted the housing on to the dwarf wall.

Once assembly of the wall and roof panels was complete, an electrically-operated roller shutter door was installed to provide the required access for the equipment being stored. A side personnel door was also included for general access.

The installation was completed smoothly within 5 days, creating an excellent storage facility within the boundary of the substation grounds.

Resulting Benefits

The Garrison Housing provides the ideal storage facility for Manx Cable Company, with the following benefits:

- **A structurally certified design with tough, durable GRP (glass-reinforced polyester) panels for a long life span with low maintenance.**
- **The modular design of the Garrison system allowed Manx Cable to specify a housing layout to suit their site requirements.**
- **High quality components ensure efficient operation for the user.**
- **Delivery and installation by Glasdon engineers for smooth completion of the project with minimal disruption.**

FOR MORE INFORMATION PLEASE VISIT OUR WEBSITE

www.glasdonbuildings.com

What the customer says...

Mr Ian Horsey, Network Services Engineer of Manx Cable Company, said that he is delighted with the Garrison storage facility:

“The assistance provided by Glasdon in developing a solution to the requirement was extremely useful and their liaison with the structural engineers, local Council and ourselves in arriving at the final solution was invaluable.

The installation was carried out smoothly, in a safe and efficient manner, to our satisfaction.

We would have no hesitation in approaching Glasdon for any future requirements.”

**Ian Horsey, Network Services Engineer,
Manx Cable Company.**



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We are grateful to Manx Cable Company for the kind help given in the production of this Case Study.

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