

SCOTTISH HYDRO ELECTRIC TRANSMISSION Shin 132kV Substation



Introduction

Omexom UK & RoI were awarded a contract to refurbish and build an extension to the Shin Substation near the Falls of Shin in Sutherland.

Overview

Omexom UK & ROI were responsible for delivering a turnkey package, including Civil, Primary and Secondary Design, Procurement, Civil Construction and Installation of Electrical and Protection Equipment.

The project consisted of the Installation of two new 90MVA Transformers, Construction of three new 132kV Line Bays, the upgrade of existing Bays, the Installation of Motorised Disconnectors, Construction of a new Control Building / 33kV Switchroom & the upgrade from Single Busbar to Double Busbar.

Our contract also included the Construction of Type 1 Roads, Groundwork's and Landscaping of the 14,750 m² site.

IMPLEMENTATION

Activity
Electricity

Technologies Used
132kV Tamini Transformer
33kV Schneider Switchboard

Customer Benefits

- Network Reliability Upgrade & Connection of New Renewable Energy Resources.
- Expertise / Know-How / Experience
- Availability of Manpower & Equipment
- Team Adaptability and Responsiveness

Country: United Kingdom
Site: County Sutherland, Scotland
Budget (£m): 6.4

Start Date: 08/2011
End Date: 08/2013

Business Units Involved
Omexom – UK Substations

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