Project Profile

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ReSolutions

Project Title: Mynydd y Gwrhyd Community Wind Farm

Client: Awel Aman Tawe
Dulas Contact: Michael Phillips
Financed By: EU Objective 1 Funding
Value: £ *55,000*
Completion Date: Planning application submitted Sep 2004 - Pending

Objectives:

1. To complete a Planning Appriasal and Environmental Impact Assessment for the Mynydd y Gwrhyd Community Wind Farm.

2. To carry out a thorough, objective assessment of all environmental effects likely to arise as a result of the proposed development.

Implementation:

Phase 1 - Site Feasibility
Phase 2- Site Design
Phase 3 - Full Environmental Statement.

Site Specific Issues:

Awel Aman Tawe is a community based project. Benefits accrued by the local community include profits from energy generation, the provision of cheaper electricity, an educational resource, and local construction contracts.

Equipment & Technical Specifications:

Turbine Type: NEG Micron NM80 2750kW or similar.
Turbine Number: 5
Rotor Diameter: 80M
Tower Height: 60M

Conclusions:

Maximum output/minimum visual intrusion achieved with high output turbines mounted on specially shortened towers, sited below the ridge line.
The site has good wind resource, good road access & electrical infastructure, a minimum need for ancillary works and structures, and widespread local support.

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