

Tynddol Hydro Electric Scheme

Client

Private Client,
D T Owen

Location

Ffair-Rhos
Ceredigion

Date

2015



The project consisted of upgrading an existing off grid hydro scheme. A new pipeline was installed to gain an additional drop and also the existing reservoir was refurbished with a new intake tank installed. A new stone clad building was built to house the new turbine electrical elements.

- Butt fusion welding of 250mm OD pipework.
- Installation of over 750m of pipework through agricultural ground and wet ground.
- Refurbishment of the existing reservoir which included the construction of a new concrete retaining wall and capping.
- Building a new stone clad turbine house for the new turbine and electrical elements of the scheme
- Installation of a large export cable from the turbine house to the farm buildings

