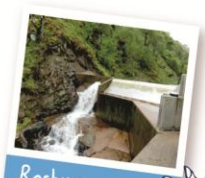
LO CO2 energy

Slatach
Size: 990kW
Turbine: Francis & Pelton
No of Homes Served: 730
Equivalent of CO2 Saved (tonnes) 1376
Site History
A brand new scheme for TLS Hydro.

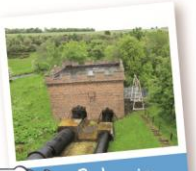
Brunery
Size: 700kW
Turbine: Pelton
No of Homes Served: 750
Equivalent of CO2 Saved (tonnes) 1318
Site History
A brand new scheme for TLS Hydro.



Roshven
Size: 500kW
Turbine: Pelton
No of Homes Served: 340
Equivalent of CO2 Saved (tonnes) 645
Site History
A brand new scheme for TLS Hydro

Stormontfield
Size: 100kW
Turbine: Francis
No of Homes Served: 140
Equivalent of CO2 Saved (tonnes) 258
Site History
A refurbished mid-twentieth century hydroelectric scheme. The site was first home to a hydropower station in the late Victorian era.

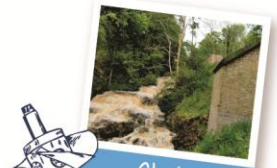
Glenforslan
Size: 500kW
Turbine: Francis
No of Homes Served: 450
Equivalent of CO2 Saved (tonnes) 860
Site History
A brand new scheme for TLS Hydro that utilises an existing World War One era dam.



Balgonie
Size: 650kW
Turbine: 2X Francis
No of Homes Served: 600
Equivalent of CO2 Saved (tonnes) 1032
Site History
Commissioned in 1922 to provide power for a colliery. Renovated and bought by TLS Hydro in the 1990s.

Carrongrove
Size: 450kW
Turbine: Kaplan
No of Homes Served: 320
Equivalent of CO2 Saved (tonnes) 602
Site History
A new hydropower scheme that utilises the existing waterways of an abandoned paper mill.

Nenthead
Size: 300kW
Turbine: 2X Pelton
No of Homes Served: 160
Equivalent of CO2 Saved (tonnes) 301
Site History
A brand new hydropower station built partly using the refurbished watercourses created by a lead and silver mine dating back to the seventeenth century.



Cleghorn
Size: 280kW
Turbine: Kaplan
No of Homes Served: 225
Equivalent of CO2 Saved (tonnes) 344
Site History
The third hydroelectric scheme on the site since the late Victorian era, Cleghorn is a new scheme built on the weir and watercourses of its predecessors.

Greenholme Mill
Size: 330kW
Turbine: Kaplan
No of Homes Served: 340
Equivalent of CO2 Saved (tonnes) 645
Site History
A new hydroelectric scheme built by TLS Hydro and Derwent Hydro on the site of an eighteenth century cotton mill.

Aberdulais
Size: 200kW
Turbine: Kaplan & Waterwheel
No of Homes Served: 150
Equivalent of CO2 Saved (tonnes) 215
Site History
Aberdulais Falls has been associated with waterpower for centuries from copper in the sixteenth century to flour milling and tin smelting in the seventeenth and eighteenth centuries to electricity today.

Our Hydropower Sites

LoCO2 Energy is an independent, family-run renewable energy supplier for British homes and businesses. Through our sister business, TLS Hydro, we build, maintain and manage our own hydropower stations and LoCO2 Energy matches some of its customers' demand from TLS Hydro projects. Both companies are committed to investment in the UK's renewable energy industry.