

CASE STUDY

ALLT FIONN - Loch Lomond and Trossachs National Park, Scotland UK



KEY STATISTICS

Static Head: 185.42 m

Rated Flow: 0.680 m³/sec

Turbine type: 2 x Gilkes Twin Jet Pelton Turbines

Speed: 750rpm

Power Output: 2 MW

The 2 megawatt (MW) £6.1m Allt Fionn Hydroelectric Scheme in the Loch Lomond and the Trossachs National Park was opened in July 2012. The estimated annual output of the run of river high head scheme will meet the electricity demands of over 1,700 households, more than one quarter of all households in the National Park.

The scheme is located at Glenfalloch, Nr Crianlarich, Stirling, on land leased from Glenfalloch Estate. It was developed by Osspower Limited in close consultation with the Estate, the National Park, Scottish Natural Heritage, the Scottish Environment Protection Agency and the local community.

David Lowes, Managing Partner of Glenfalloch Estate and Chairman of Osspower said: "We are very pleased that the construction of the Allt Fionn Scheme has finally been completed within budget and to the rigorous environmental standards expected in this important part of the National Park.

"We would like in particular to thank the construction finance providers, the Co-operative Bank, Ventus 2 VCT, providers of early stage finance, Hydroplan UK, engineering and environmental consultants; the contractors D A MacDonald, and Gilbert Gilkes and Gordon Limited, who supplied the turbines."

Linda McKay, Convenor of the Loch Lomond and the Trossachs National Park Authority said: "The Allt Fionn Scheme is a model for the sort of renewable energy project we want to see in the National Park. The National Park Authority is committed to protecting and enhancing the special characteristics and natural beauty of the Park whilst making a contribution to Scotland's goals for renewable energy production. We have demonstrated that by working in close and positive collaboration with land managers and renewable energy developers it is possible to reconcile the potentially conflicting priorities of protecting the natural heritage and permitting sustainable economic development in the Park."

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