

Glen Affric Hydro Scheme monthly newsletter – July 2017

Allt Garbh – nearing completion

At Allt Garbh work is nearing completion. The powerhouse main structure and subsidiary rooms are all structurally complete, with just cladding and reinstatement outstanding.



The outfall structure is complete and the screen has been installed. At the intake, work continues with grouting joints, fitting screens and the sliding penstock gate. The river bed has been reinstated to allow flows to pass over the weir (pictured) – this will allow the penstock (pipeline) to be connected to the header tank.

Work continues on the pipeline, with both ductile iron and polyethylene sections now being connected up.

The eagles have landed

There are now confirmed eagles nesting in the vicinity of Allt Garbh. The restriction zone does not affect the hydro scheme, but does impact the improvement works on the Cogie track, which have been suspended until after fledging is confirmed.



Abhainn Gleann nam Fiadh – grid connection now live

At Abhainn Gleann nam Fiadh the grid connection is now live and we have energised our link to scheme's powerhouse. Commissioning is now underway. The switchgear is structurally complete, with just cladding and finishes outstanding.



Pictured: final stretch of penstock laying just below the intake – note the narrow working corridor.

The outfall chamber is complete and the penstock corridor – just over 3 km – has now been fully laid and is ready for testing.

Work is now focussed on re-establishing the burn profile both upstream and downstream of the weir, with lots of armour stone bank protection being put in place.

Turbine and electrical installation

All turbine equipment has been installed at both powerhouses. At Allt Garbh the cables are almost fully connected, with testing and commissioning to commence this month.

Health, safety and the environment

There were no health and safety issues in the period.

Further information

For further information please visit:

www.greenhighland.co.uk/glen-affric-project

Twitter: @AffricHydro

