

Glen Affric Hydro Scheme monthly newsletter – May 2017

Allt Garbh – nearing completion



Cable ploughing for cable to powerhouse from Affric bridge; powerhouse nears completion.

At Allt Garbh the main structure of the powerhouse is now complete, with work remaining on subsidiary rooms for electrical equipment.

The outfall structure is now complete and the screen has been installed.

At the intake, work has focussed on grouting joints, fitting screens and the sliding penstock gate. The river bed has been reinstated so the flow now passes over the weir. This is necessary to allow penstock to be connected to the header tank.

Abhainn Gleann nam Fiadh

The main powerhouse structure is now complete and subsidiary rooms for the transformer and switchgear are structurally complete, with just cladding and finishes outstanding.

The outfall chamber is complete with the outfall pipe laid and land reinstated.

In the penstock corridor 2100m (70 percent of total) of pipe has been laid. We are now working on the upper section above the forestry enclosure in a restricted working corridor – this means progress is reduced due to having to double handle.

Pipe deliveries have successfully reached the site and trucks are being escorted from Fasnakyle along the narrow Glen Affric road.



Powerhouse – now structurally complete.

High voltage cable laying



Cable laying is now 95 percent complete. Cable has been laid from Affric bridge to Allt Garbh by cable plough. This was very successful with 2km of cable laid in the middle of the forest road over a weekend.

High voltage cable has been laid from the point of connection up to Affric bridge, and will shortly be jointed up. The 33kV switchroom and the point of connection is now wind and watertight.

Now only two bridge crossings remain, where the cable will be fixed in ducts to the side of the bridge decks.

Switchgear – now wind and watertight.

Turbine and electrical installation

All equipment has now been delivered to site and safely lifted into place. There has been really good progress with Kossler and AJ Engineering completing the mechanical installation at both sites, with both staying on programme despite some hold ups on route.

Scottish and Southern Energy Networks have given us a revised grid energisation date for June.

Health, safety and the environment

There was a minor hand injury to one worker, with no further action required.

There is a confirmed eagle nesting in the vicinity of one of the sites, and specific activity has been halted in line with protocols. A merlin has also been spotted, but nesting is not yet confirmed.



Turbine installation, Abhainn Gleann nam Fiadh.

Further information

To keep everyone up to date on the progress of the schemes we have posted information notes at Dog Falls car park, Allt na h-Imrich car park, River Affric car park and at the foot of each scheme.

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

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