

## Noise Impact Statement

The turbine hut has been designed to block any sound from escaping.

- The 300 mm thick stone walls will be dry-lined with 100 mm Kingspan to give a sound-proof combination.
- A heavy wooden door lined with insulation will also be sound-proof.
- A turf roof has been chosen as being far more sound-proof than slates.
- Air bricks for ventilation will have internal baffles and sound-deadening material to ensure no noise escapes.
- The tail-race will be flooded where it leaves the turbine sump so that noise cannot escape.

These sound-proofing measures are expected to be sufficiently effective that no turbine noise is audible at more than 3 m from the hut.