

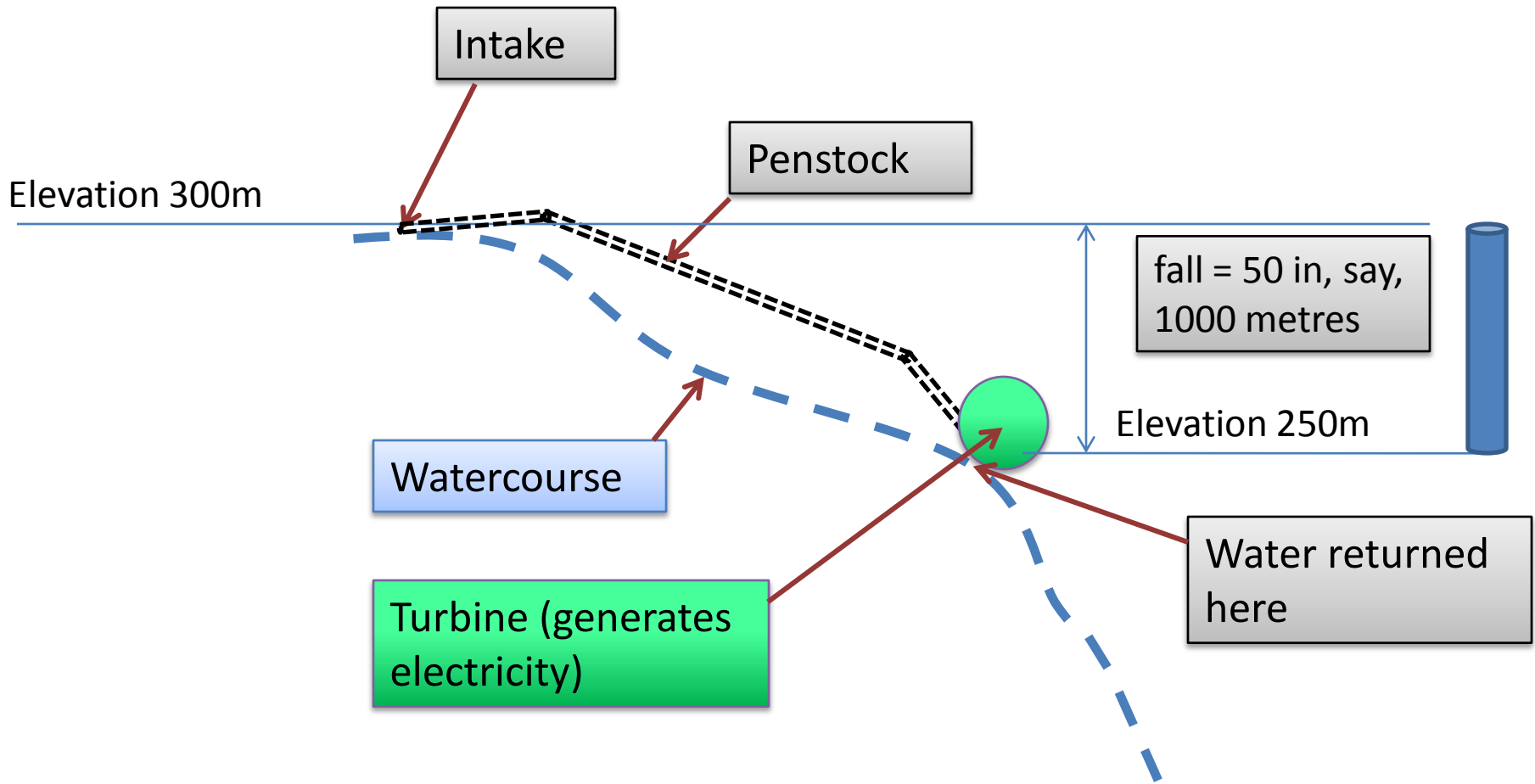
What does a “hydro” do?

- uses the energy in flowing water to turn a turbine and produce electricity
- provides “free” energy from an [unused resource](#)
- improves the climate by reducing CO₂ emissions
- complements other forms of renewable energy (e.g. heat pumps)

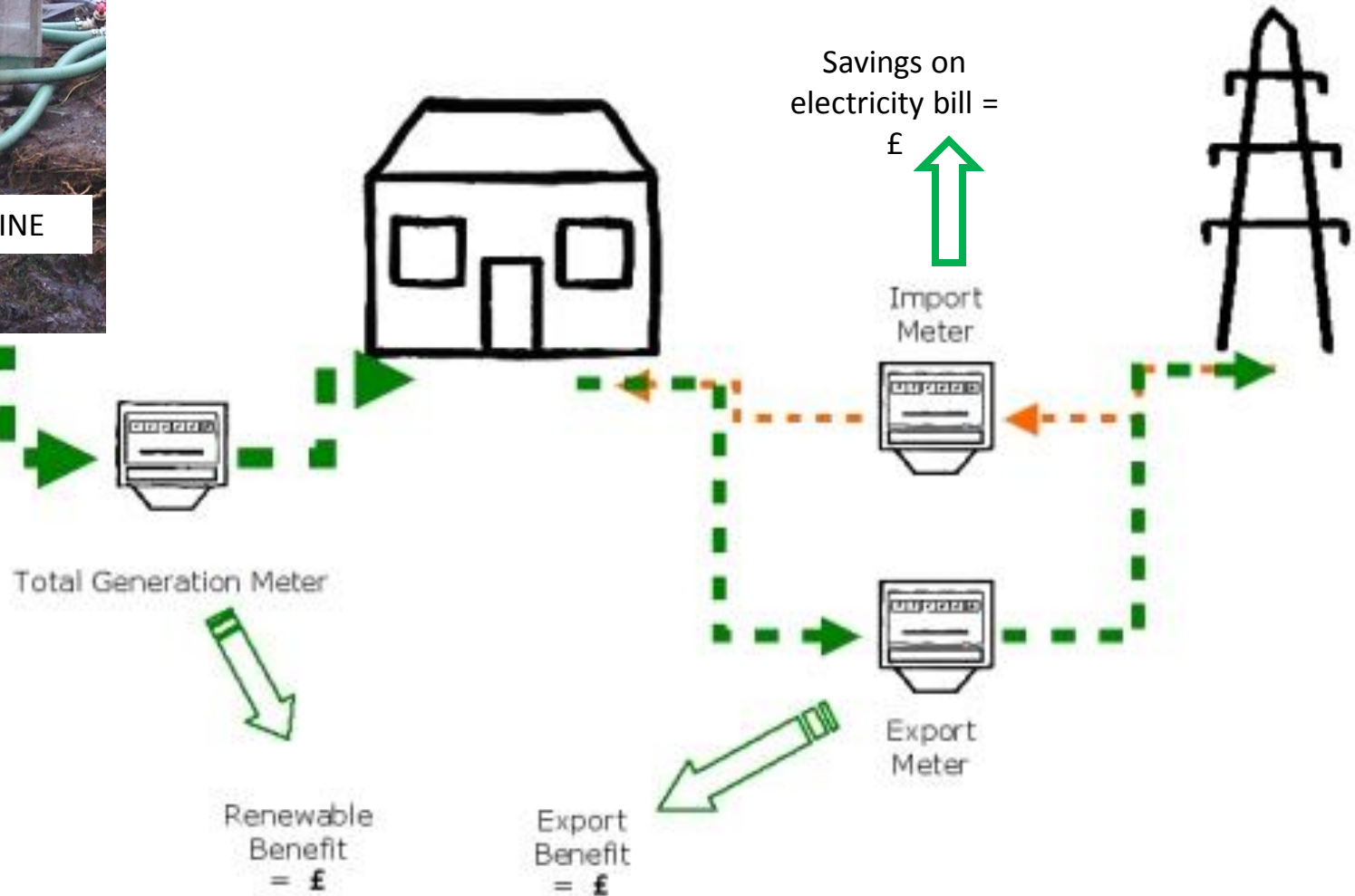
Why *micro*-hydro?

- can be done on a local scale
- reduces losses inherent in National Grid distribution
- has excellent payback period

Parts of a hydro scheme



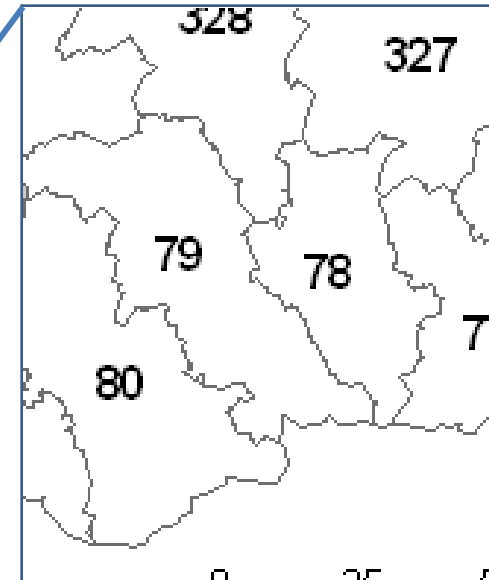
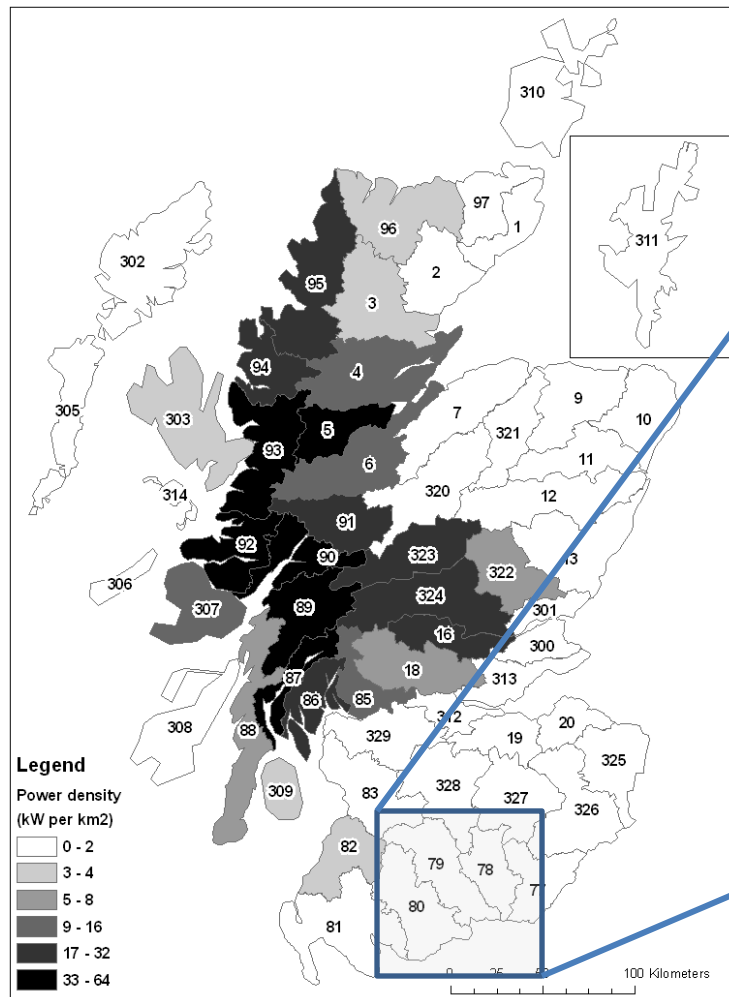
How it works



THE END?

Unused energy source – water

Source: Scottish Hydropower Resource Study Final Report August 26th 2008



Area 79: 81.9MW Area 80: 108MW

Back to [What does a micro-hydro do?](#)