

Callander Community Hydro Ltd



**November
2017**

Don't Complain about the Rain

Project Headlines



- Small run of the river hydro scheme
- On land leased from Forestry Commission Scotland
- Generating 'green' electricity
- Income via FIT's and on wholesale power market
- Donating all the profit to CCDT
- Scheme completed Sept 2014
- Completed on time within budget

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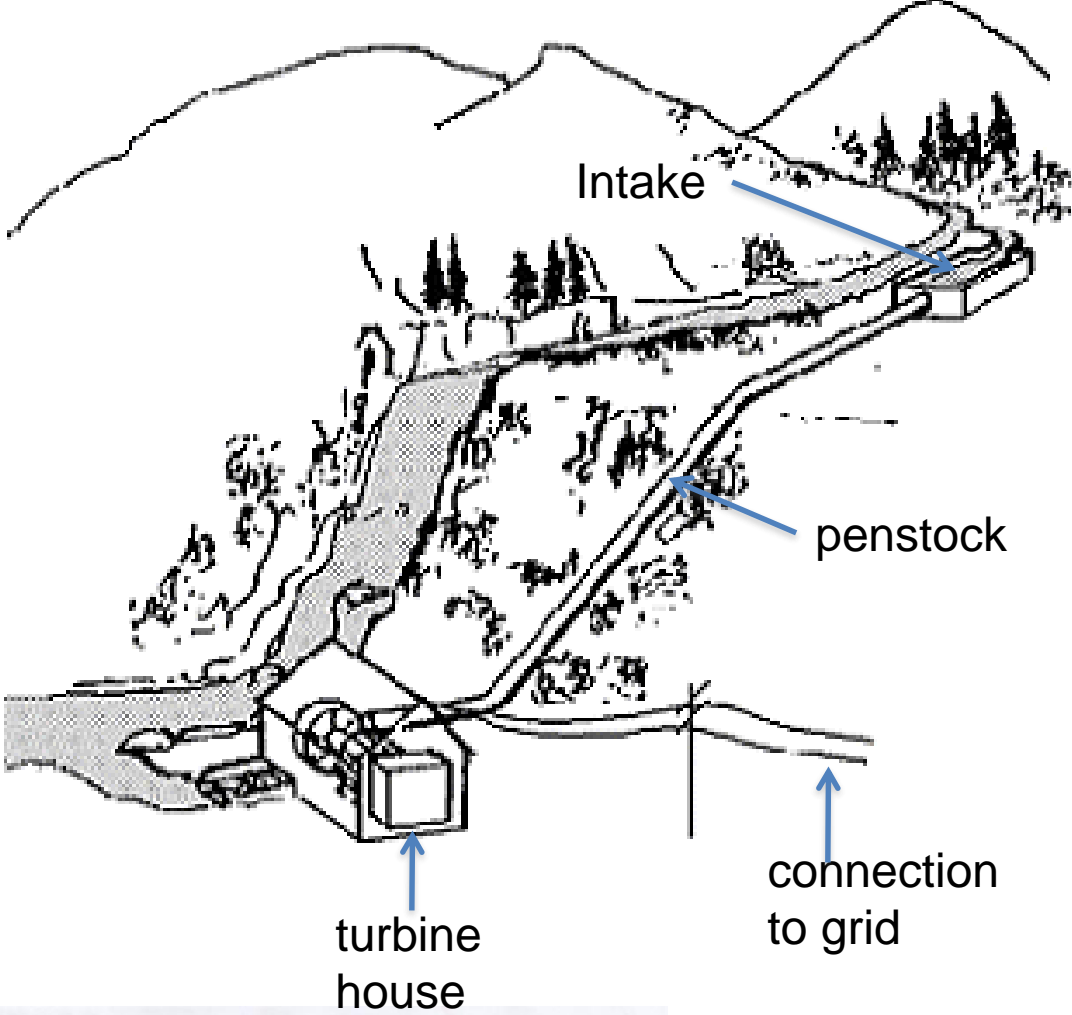
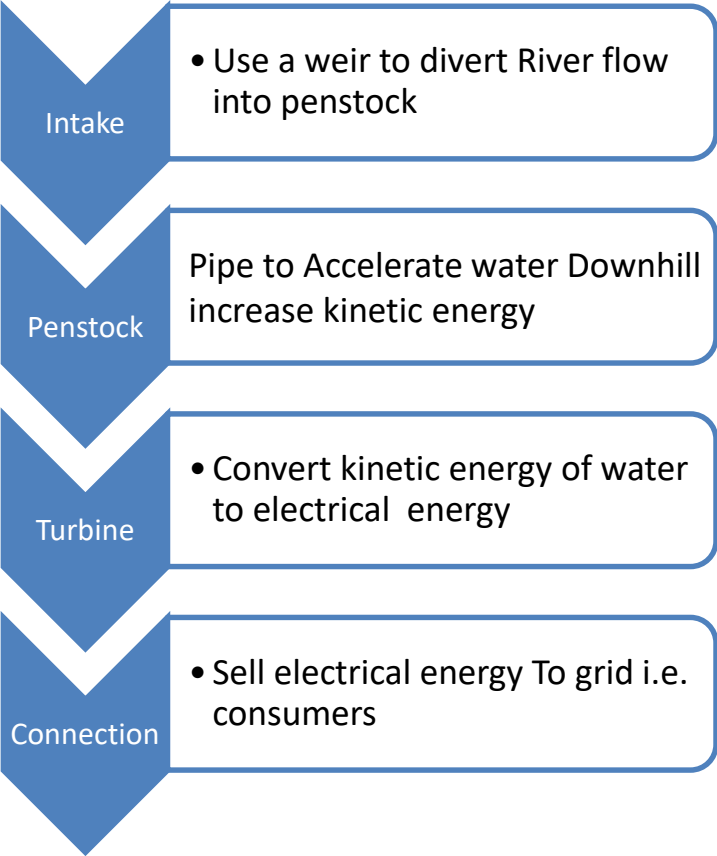
Income Profile



- Run of the river 425kw scheme
- Total cost £1.65m
- Output 1.3-1.4 GWh/year
- Annual income £308k
 - FIT £235k
 - Export £ 73k
- Gift £3m over 20 yrs

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Run of river scheme



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Time Line



2009 – Feasibility Studies

2010 – Set Up Project Team

2011 - FCS Negotiations

2012 – PM & Specialists

2012 – Planning Approval

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Time Line



2013 - Grid, FITs, Turbine, Tender

April 2014 – Financial Close

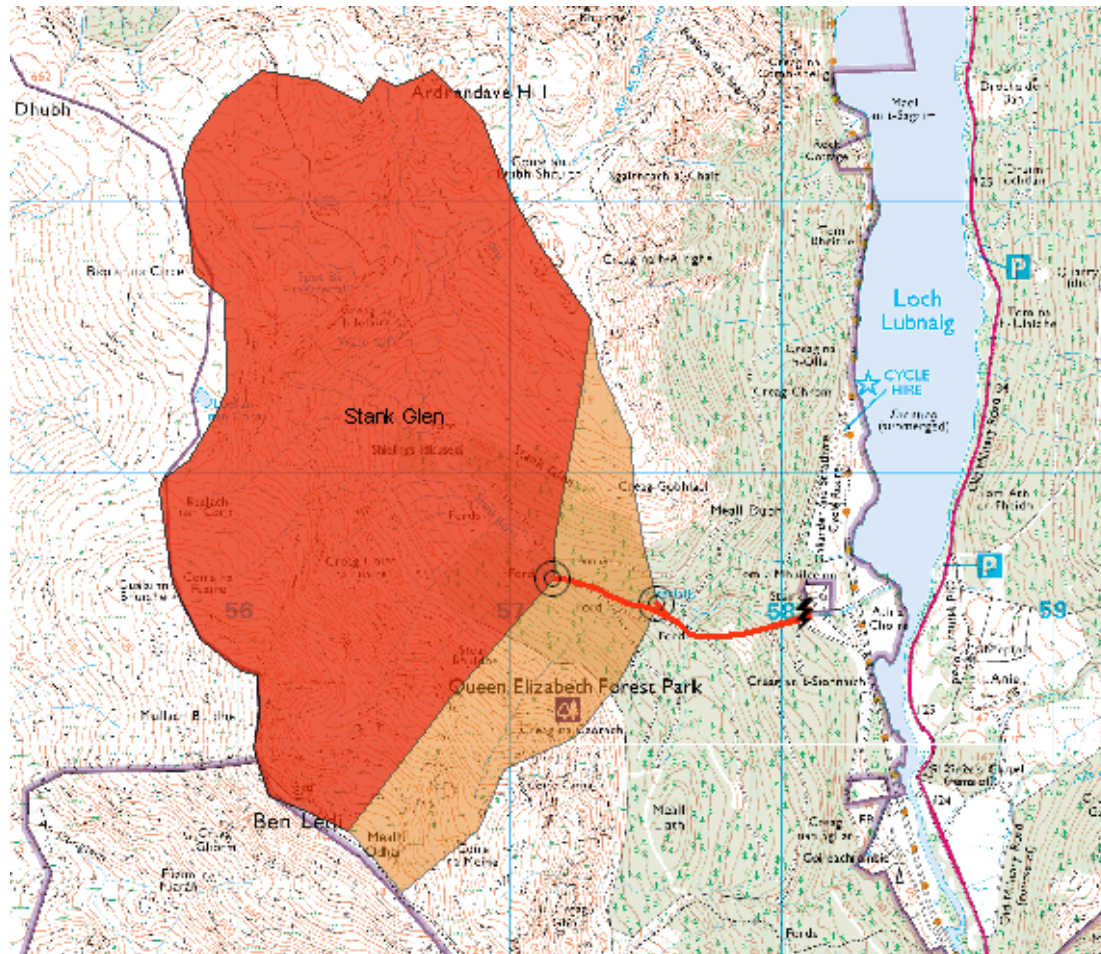
Sept 2014 – Build Complete

Sept 2014 – Full FIT Accreditation

2015 – Maintenance Team

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Map of Catchment Area 4.23km²



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The intake



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Burying Pipe on corrie lip



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Turbine House Complete



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Turbine and generator



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Turbine Control Panel

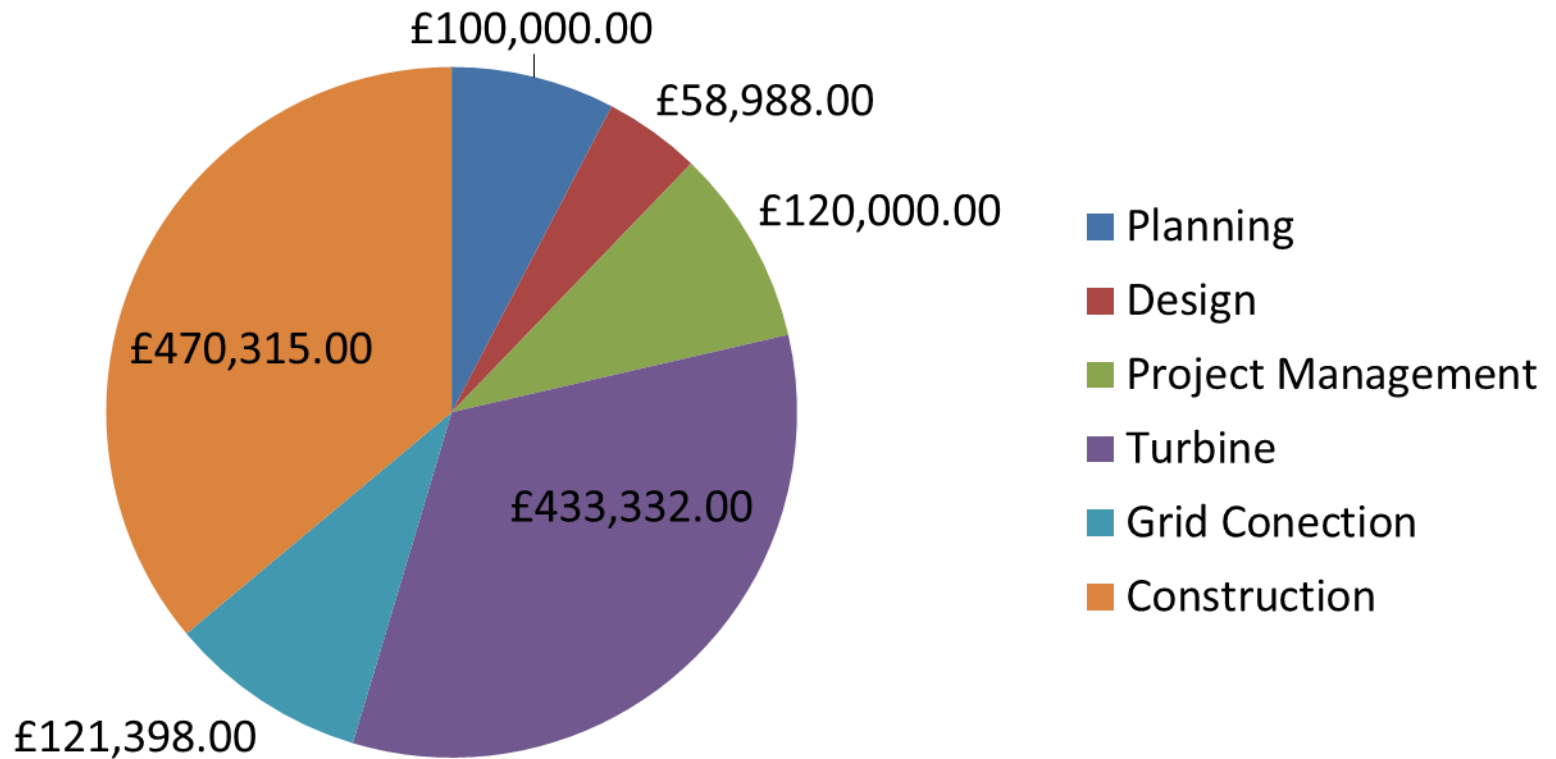


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Where we spent money



Capital Costs

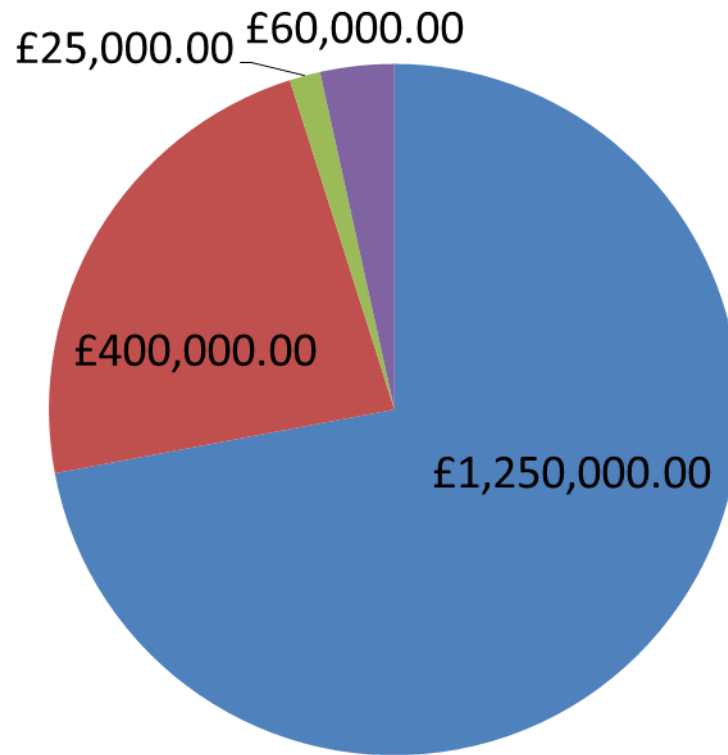


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Funders



Loans and grants



- Triodos
- SIB
- SIS
- Leader

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Lessons



- It will take longer than you think
- Finance – grants & loans
- Build a committed Team
- Continually revisit Business Plan & Modelling
- Do not be First it takes much longer
- Budget for professional advisors
- Good Project Management
- Retentions essential
- Keep Positive

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How the income is being used



- ✓ Town Co-Ordinator
- ✓ Summerfest - Events
- ✓ Craigard Club - Transport
- ✓ CYP - Youth Club
- ✓ Greener Callander - Baskets
- ✓ MCLC - Childcare Service
- ✓ MCLC - Indoor Play 0-8
- ✓ CBC – Lawn Mower
- ✓ CPPC – Playground Benches
- ✓ CKH - Kitchen Refurb
- ✓ McL High – New PCs
- ✓ Clanranald – Toilet Refurb
- ✓ CCDT – Website
- ✓ CCDT – CAP Review
- ✓ Round Tab – Highland Games
- ✓ Jazz Festival – PA System
- ✓ Trust Housing – IT Equipment
- ✓ McL High Pipe Band – Drum
- ✓ Winterfest – Events
- ✓ CAOS – Sound System
- ✓ FEL – Active Travel Hub
- ✓ Trossachs Mob – Rent
- ✓ Round Tab – Memorial Board

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Forward income commitment



- ✓ Town Co-Ordinator
- ✓ Trossachs Mob – Rent
- ✓ Summerfest – Events
- ✓ CCDT – Asset Transfer
- ✓ CLP - Projects

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Community Investment



Paid to date £80K

Committed forward £100K
Over next 3 Years

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