Isle of Eigg

First of a Thousand Green Islands

http://www.inforse.org/europe/seminar09_CAT.htm
Isle of Eigg

- 12 miles off Mallaig
- One / five hours by ferry
- 90 residents
- 30% under 30
- Community Buy Out 1997
- Isle of Eigg Heritage Trust & the Residents’ Association
- Subsidiary companies
- Tourism, Farming, Construction, Fishing and Services

Life on Egg

Eigg-Aerial... Macdonald

Eigg people

Life on Egg

Economic, social, environmental development

Since 1997 – just 12 years ago

Eigg Electric

Entrepreneurial
Adaptable
Resourceful
Hardy
Resilient
Positive
Tolerant
Hard-working
Consultative
Co-operative

Water 110kW
Wind 24kW
Solar PV 10kW

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INFORSE-Europe Power & Place Seminar on Good Practice in the Transition from Fossil Fuel Dependency
October 2-4, 2009, CAT, Wales, UK

11 km cable underground

Eigg Electric

- 96x4volt batteries
- 5kW inverters
- More being used than renewables generate
- Batteries below 50% - 70kW generators on
- 90% full, off
- More being generated than can be used
  - Community space heaters, turbines, hydrot

Eigg Electric

- Max output 144kW
- Average of 80-85kW
- 40 households
- Average max load 20-45kW
- 40 households
- House 5kW
- Business 10kW

Employs 5 people

Eigg Electric – 1st Feb 2008

- £1.6m to build
- 18 months
- 20p per unit (started at 15p)
- ROCS produce £15,000 / annum

Big Green Challenge Year

- NESTA £1million competition
- Only Scottish finalist - ends 30/09/09
- Approach
  - CO2 reduction
  - Education
  - Jobs & capacity building
- NESTA, Climate Challenge Fund, Community Energy Scotland & Eigg residents
- Green Team

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Eigg Island Going Green - Tomorrow

Green Islands

Isle of Eigg

www.islandsgoinggreen.org
lucy@isleofeigg.net
greenisland@isleofeigg.net

Eigg Generators – Rest in Peace