

ECOE: Annual General Meeting



Annual General Meeting

Tues 6th June 2017 at 18.45 to 20.45

Meeting Room, Stephens Scown Solicitors, Curzon House, Exeter, EX1 1RS

All of our members, volunteers and supporters are warmly invited to this, ECOE's third AGM.



Tuesday 6th June 2017

Meeting Room, Stephens Scown Solicitors



AGM Agenda

18.45 Networking and refreshments

19.00 Presentation of Annual report

- Annual accounts
- Voting on Annual accounts, interest to members, money for community fund and election of directors

20.00 Networking and refreshments

20.15 Collaborative conversation

- How best to set up the community fund
- What priorities for our future work
- What share of income for interest, community fund and supporting the organisation

20.45 Finish

Completion of Solar PV 1 and 2

- Technology Centre, Exeter College 150 kWp
- Pinhoe Road Baptist Church 17 kWp
- Glasshouse Lane Medical Centre 20 kWp
- Beehive Community Centre 24 kWp

Okehampton Glass also completed, the only one from the Devon-wide project. Ownership will be transferred to Community of Okehampton Renewable Energy Society



Solar PV 1 and 2: Successes and Challenges

Challenges

Devon-wide project: Only one site completed

Great Moor House delays

FiT registrations: Slowness ... and Pinhoe Road Baptist Church

Displays

Successes

Exeter College: A YES after 18 months

Completion in time for pre-registered FiT rates

Community solar loan raised the required £70,000 to repay our bridging loan

Operational News: Our First Four sites



Shillingford Organics: 40 kWp

Installed November 2015

Annual generation: 40,595 kWh

Carbon saved: 16,677 kgs.

"really pleased to have gone ahead with the installations" said Martyn Bragg

Performance slightly above predicted

Investigating how to maximise electricity usage

Wonford Community & Learning Centre: 20kWp

Installed November 2015

Annual generation: 18,989 kWh

Carbon saved: 8,130 kgs

'the panels have saved us money which helps us run the site on a tight budget'

Reported the Trustees

Generation lower than expected
usage higher than expected.



01/01/2016 - 31/12/2016

System Production: **25.81 MWh**



Self-consumption:
9.55 MWh

Export:
16.26 MWh

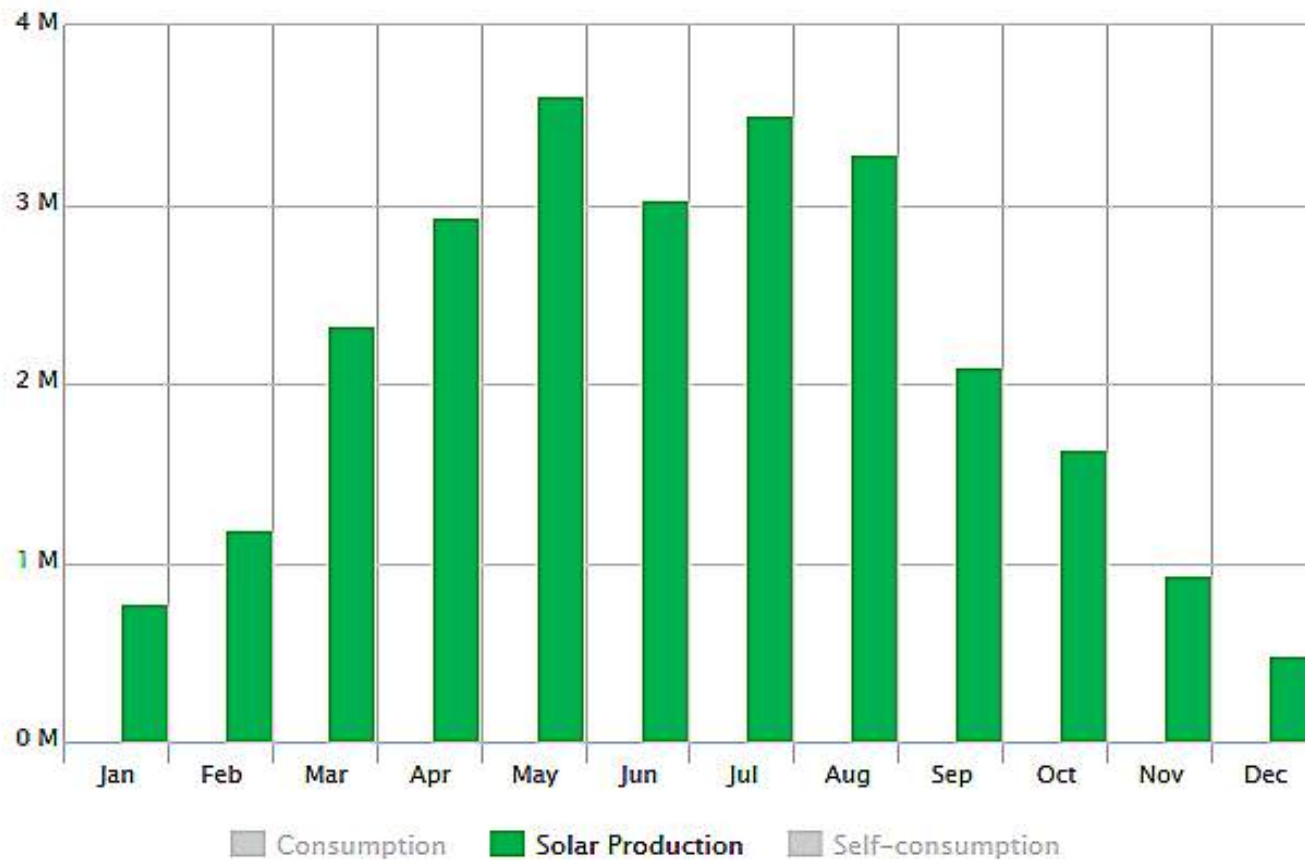
Consumption: **18.96 MWh**



Self-consumption:
9.55 MWh

Import:
9.4 MWh

Wh



Operational News: Our First Four sites



Exeter Central Library: 9 + 20 kWp

Installed December 2015

Annual generation: 25,616 kWh

Carbon saved: 11,527

Library now managed by community mutual

Majority of electricity used onsite

New installation performing as expected

Existing 9 kW we are investigating performance issues

Great Moor House: 100 kWp

Installed December 2015

Annual generation: 86,227 kWh

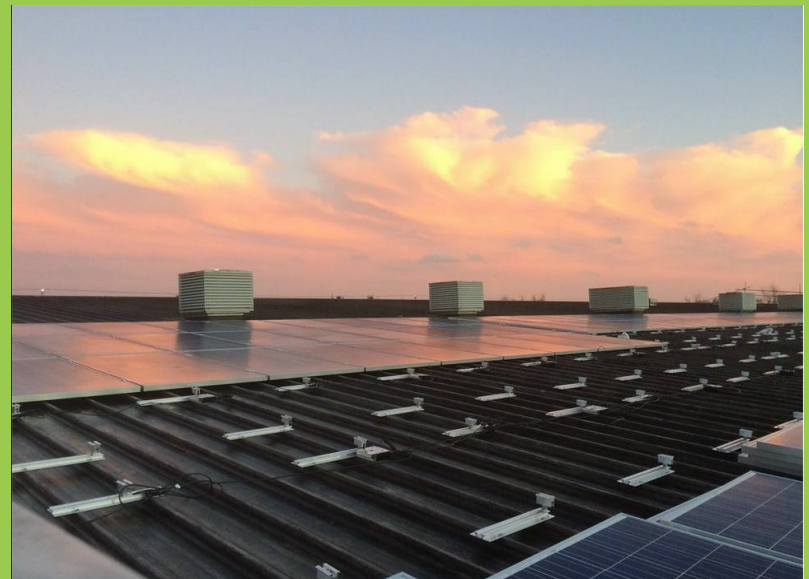
Carbon Saved: 38,826 kgs

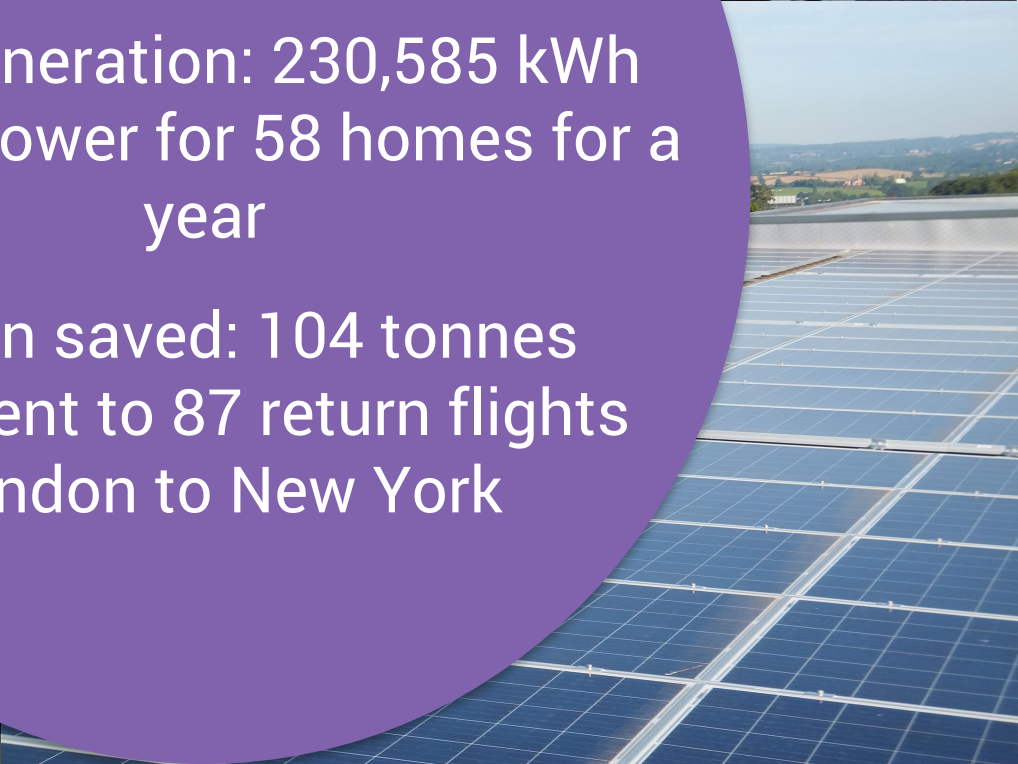
Very high electricity usage

Generation 10% below budget for this year

Sensitivity of electrical shutdown for important hub

Next year performance expected to be up to original estimate





Figures across
all eight sites:

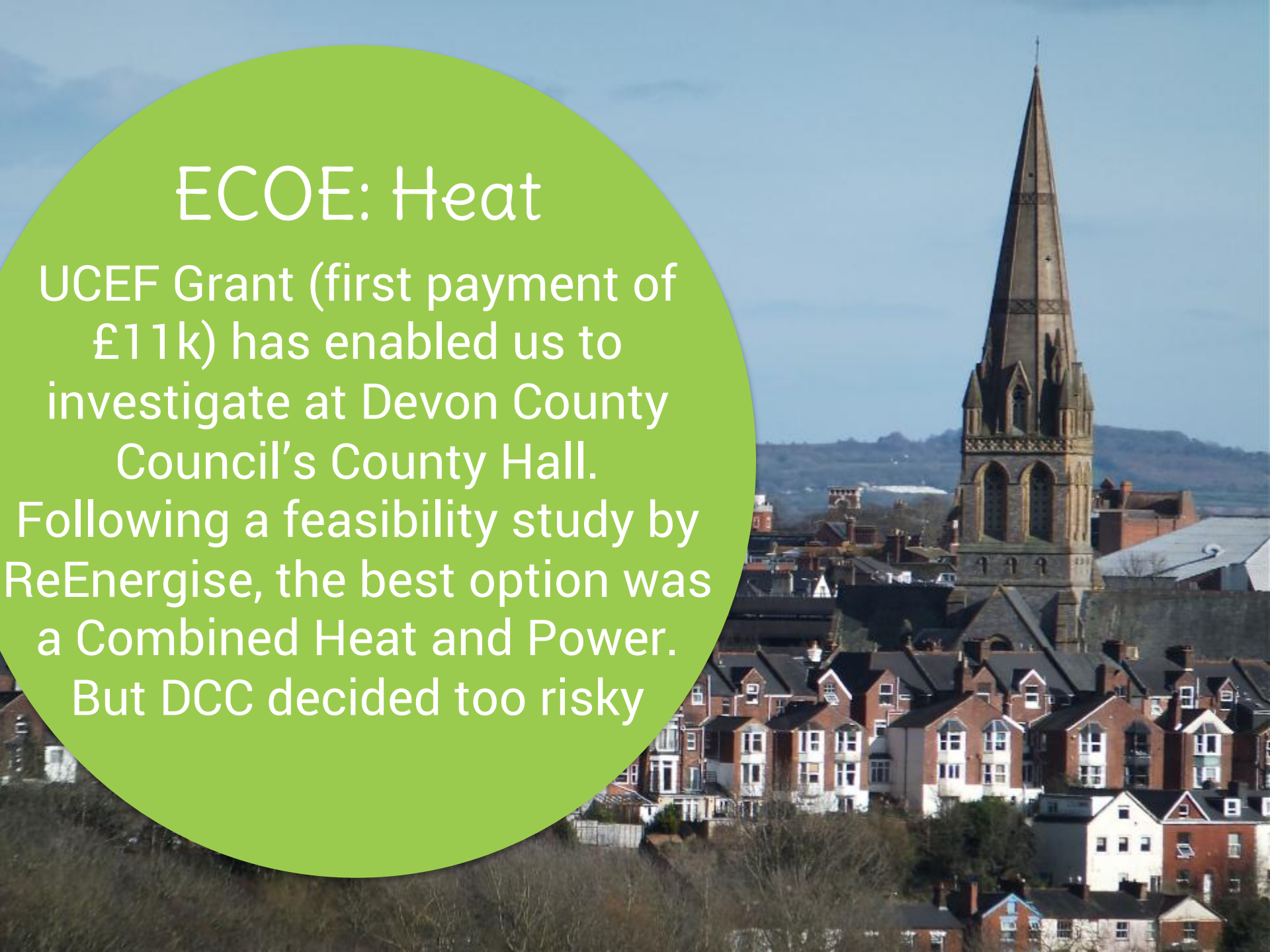
Total generation: 230,585 kWh
Enough power for 58 homes for a
year

Carbon saved: 104 tonnes
Equivalent to 87 return flights
London to New York

ECOE: Heat

UCEF Grant (first payment of £11k) has enabled us to investigate at Devon County Council's County Hall.

Following a feasibility study by ReEnergise, the best option was a Combined Heat and Power. But DCC decided too risky



Funding applications to

- WPD Affordable Warmth Local Action Fund
- DCLG Communities Fund - Healthy Homes for Wellbeing project
- Exeter City Futures

Not successful. Each application helps us strengthen and clarify the project



Increase in community engagement

Members: 204

Supporters: 600 to 660

Twitter: 1200 to 1500

Facebook: 560 to 633

Linkedin: 60 to 114

Volunteers

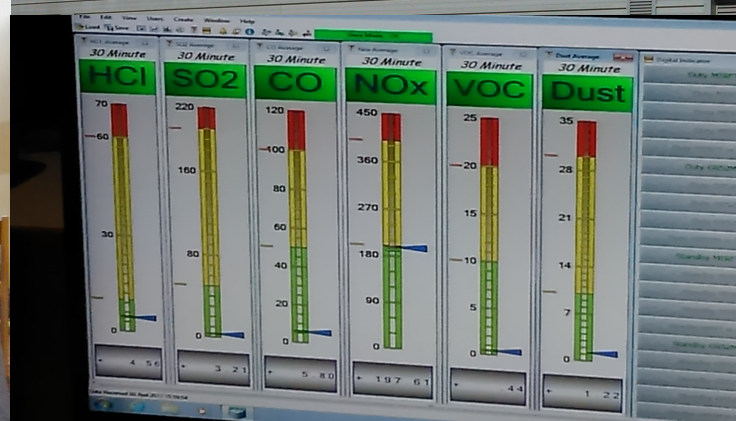
We have 40 on our database but probably more like 15 who are active. Helping with working groups, at events, wordpress, newsletters, design, admin etc

THANK YOU, you are the backbone of ECOE

ecoe Engagement and Education



OFF GRID
THE BIOPHILIA PROJECT
FESTIVAL
GOFFINS LAND • EXETER • 11-14TH AUGUST





Members

- **New Members Database**
 - Security (hence passwords)
 - Update your details!
- **EIS:** Those registered should all now be in receipt of necessary forms
- **Member involvement:** Attend AGM & voting, events including Energy Conversations, volunteer, working groups





2017 Member Survey


Getting feedback from you!

- Online survey under development
- Questions about:
 - what ECOE should do in the next year
 - participation and volunteering
 - environmental beliefs and attitudes
- Results will help Directors to better understand what members want from ECOE
- Findings will be shared with members



Summary of the financial position

- Deficit for the year £18,583
- Attributable to PV development costs
- Above figure is after share interest but before allocation to the Community Fund
- Accumulated deficit now £42,339
- More details in the Accounts to follow
- Cashflow model – helps plan ahead



Update
since Jan 31st
and the future



Solar PV 3

To make future projects financially viable, they require:

- Low cost installation
- High usage by the site or export to the grid
- Host site paying higher PPA
- May require lower interest rate paid to community investors and lower payments to the community fund

We're about to make a Rural Community Energy Fund application.
Several of DCC schools may be interested and Cullompton College
SidEnergy and the Crediton community energy group contacts
Two sites in Exeter have recently approached ECOE



ECO E

Community Fund
to finance local
energy saving
projects and to help
with fuel poverty

The current idea

Applications invited from
local community groups

Decisions made collaboratively at
participative event where
members, supporters, site users,
all stakeholders and wider
community are invited. Groups
wanting funding pitch
to all present.



Hydro



Totnes Weir - TRESOC



Old Mill Hotel - BWCE

making energy work for everyone



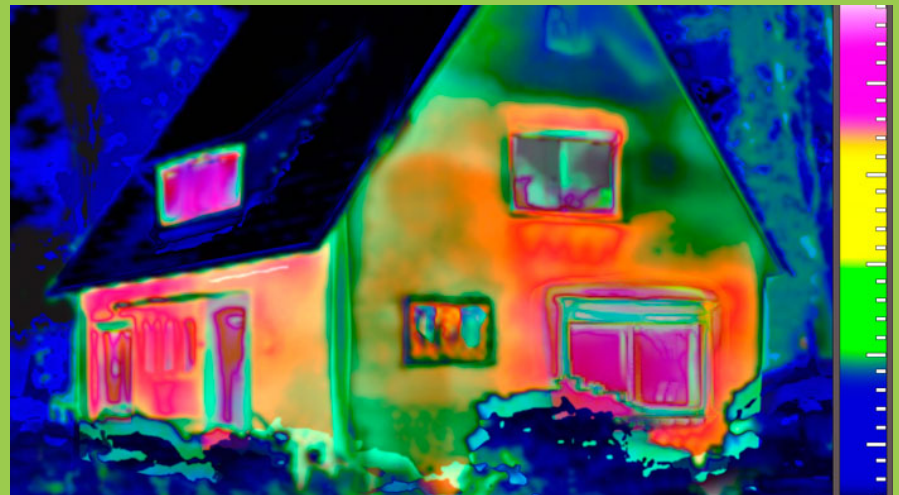
Energy Efficiency Working Group

Future Projects

Four projects identified at end of January

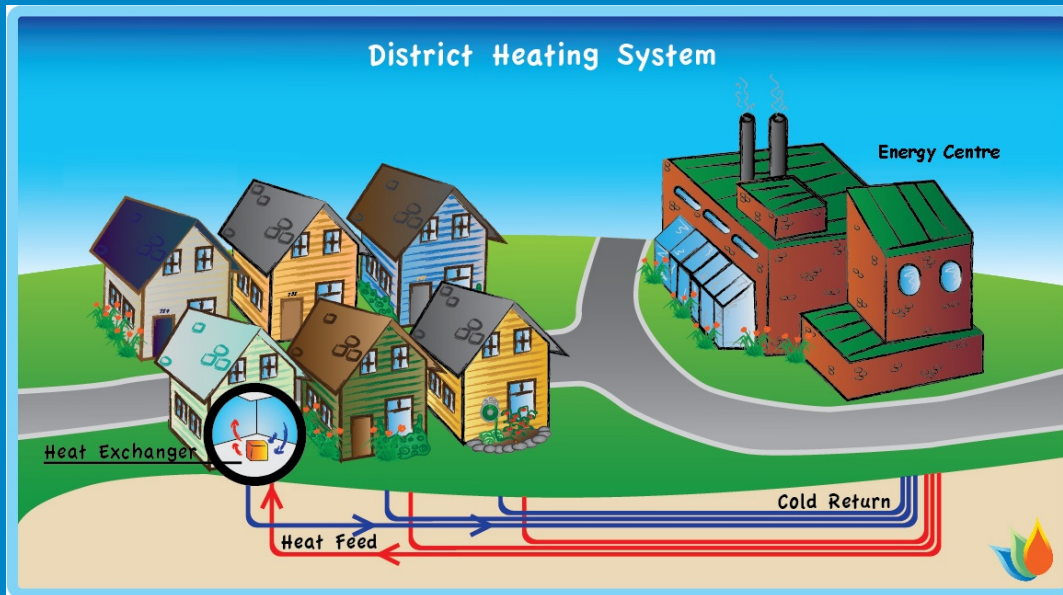
- Healthy Homes for Wellbeing
- Smart thermostats
- Engagement for smart meters
- A Community Green Deal/Energy Services Contract

ECOE looking for more funding to take forward these projects. Most likely to be a combination of wellbeing/healthy homes, Green Deal/ESCo, Smart Homes



We're investigating possibilities in the off-gas grid area of Exwick involving:

- Costcutters and Exwick Community Centre maybe with small heat network to houses located close-by
- Small heat networks for social housing in the area

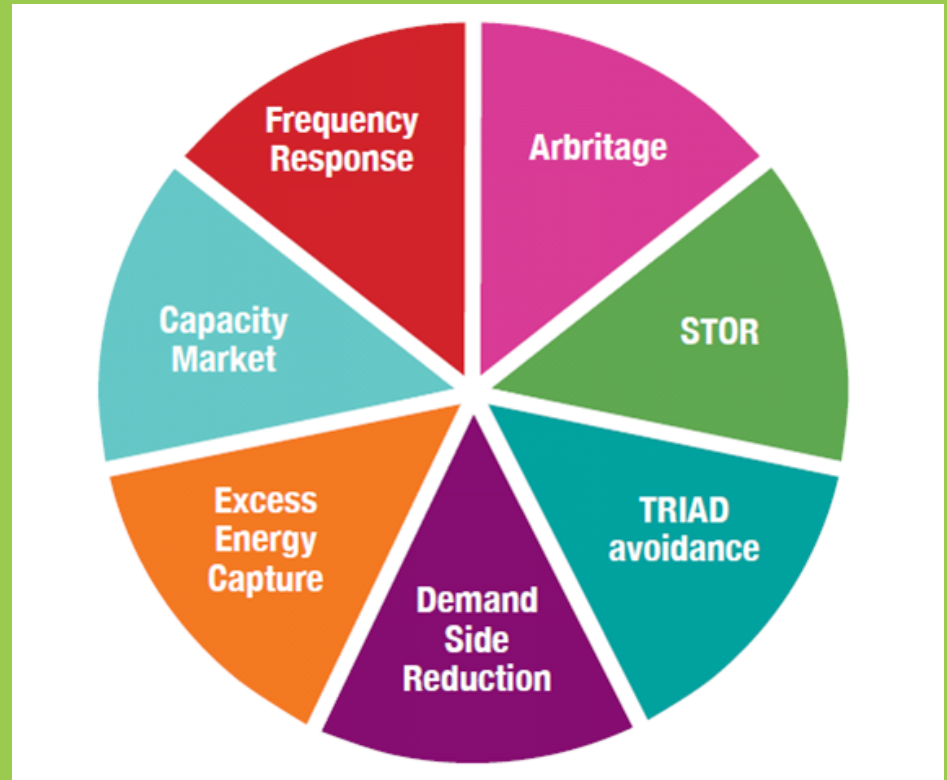


The Phoenix may also be interested in a small Combined Heat and Power system to replace their inefficient gas boiler. ECC, the landlord, is supportive

Storage

Opportunities:

- Domestic
- Commercial
- Co-location
- Stand Alone



Storage revenue



	LOCAL AUTHORITY	HOUSING ASSOCIATION	LARGE COMMUNITY GROUP	SMALL COMMUNITY GROUP	HOUSEHOLD
LICENCE LITE	Green	Orange	Orange	Red	Red
LICENCE EXEMPT	Orange	Green	Orange	Red	Red
ESCO	Green	Green	Orange	Red	Red
WHITE LABEL	Green	Orange	Green	Red	Red
SUPPLIER LED LOCAL TARIFF	Orange	Orange	Orange	Orange	Red
SLEEVING	Green	Orange	Orange	Orange	Orange
FULLY LICENCED SUPPLIER	Green	Red	Red	Red	Red
PRIVATE WIRE	Green	Green	Green	Green	Orange
MICROGENERATION	Green	Green	Orange	Orange	Green
LOCAL BALANCING UNIT	Green	Green	Green	Red	Red
MICROGRID	Orange	Green	Orange	Green	Red
PEER TO PEER	Green	Green	Green	Green	Green
LOCAL AGGREGATION	Green	Green	Green	Green	Red

The approach we would recommend to any group or body interested in local supply is to first be clear on what you are trying to achieve and why. Then, armed with this knowledge, sit down with a renewables expert to discuss your options further.

Green	SUITABLE
Orange	POTENTIALLY SUITABLE
Red	NOT SUITABLE



Government Policy: How it effects community energy?



Any
Questions?

The
Riverside
Cafe
For
BRUNCH
LUNCH &
AFTERNOON TEA
Breakfasts
Freshly made
Sandwiches
Toasties &
Baguettes
Ploughmans & Meats
Homemade Cakes
& Cream Teas
Please come
in to order



AGM Agenda

1. Taking of attendance
2. Information on voting procedure
3. Agreeing 2016 AGM Minutes
4. Presentation of Annual Report
5. Annual accounts 1/2/16 to 31/12/17
 - 5.1 Presentation of accounts
 - 5.2 Any questions
 - 5.3 Voting
 - 5.3.1 To agree directors recommendation to pay shareholder interest at 5% over 14 months (5.8333%)
 - 5.3.2 To agree directors recommendation to pay £3000 into the ECOE community fund
 - 5.3.3 Accept the Account
 - 5.3.4 Agree for the accounts not to be audited
6. Appointment of directors

Standing for re-election: Hertha Wood and Gill Wyatt
6. Any other business

Collaborative Conversation: Helping to shape the future of ECOE

- Future priorities for ECOE?
- Setting up the ECOE community fund
- Sharing income between interest to members, the community fund and organisational costs?
- Anything else?