

Community Connects Event

Powering our
Communities Fund
Launch

17th September 2021



Agenda

10.00am	10.10am	10.45am	10.55am
			
<p>Introduction & welcome Helen Seagrave Community energy manager Electricity North West</p>	<p>Previous winners Jonathan Atkinson, Carbon Coop Georgina Sommerville, Green Rose CIC Gillian Wright, Energy Local CIC Barry Doughty, Dalton Community Centre Molly Hogg, CAfS</p>	<p>Powering our Communities Fund 2020 Details of how to apply Helen Seagrave</p>	<p>Questions & answers</p>
<p>11.00 -11.30 Networking (optional)</p>			

Introducing Electricity North West



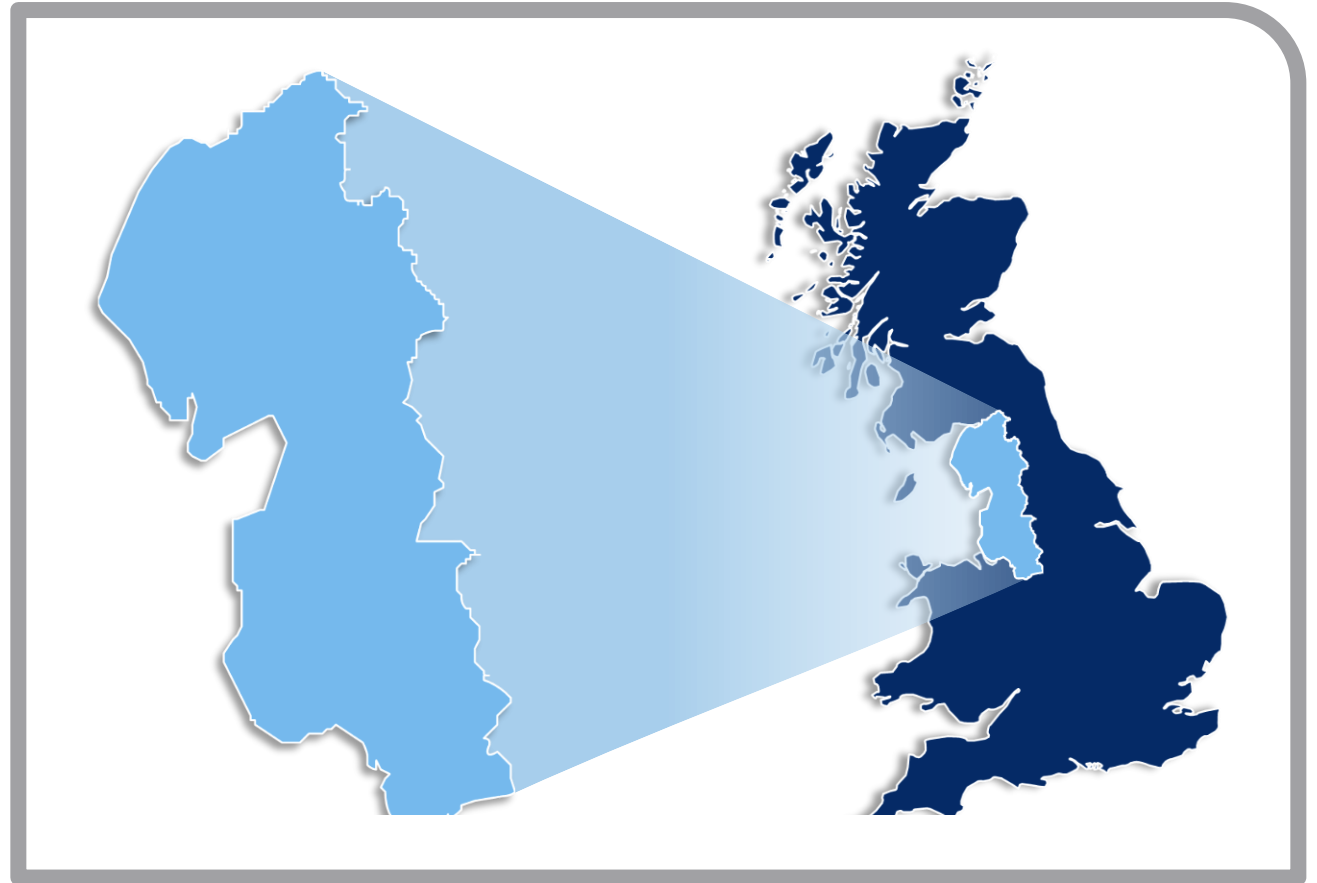
4.9 million



2.4 million



25 terawatt hours



£12.3 billion of network assets ● 56 000 km of network ● 19 grid supply points
66 bulk supply substations ● 363 primary substations ● 33 000 transformers

What is community and local energy?

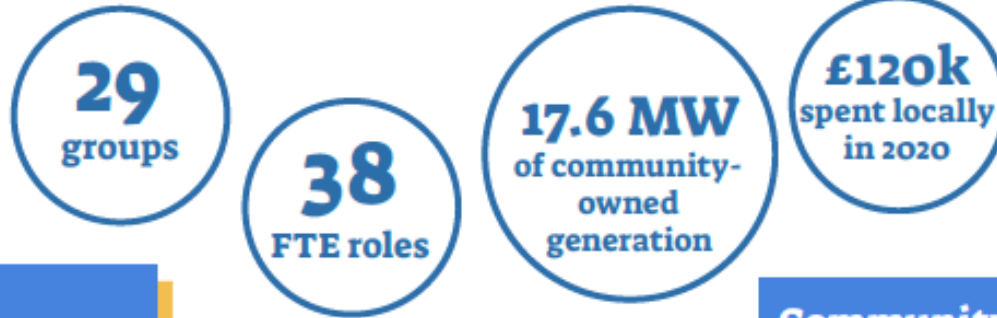
To us community energy means community-led projects or initiatives to reduce, manage, generate or purchase energy. Community energy projects focus on engagement and benefits to their local area and communities.

Local energy encompasses community energy projects and also includes activities by a wider set of local partners such as local authorities, housing associations, intermediary or advisory organisations and local businesses. Local energy projects may have a commercial aspect to their delivery but are also likely to benefit their local area and community.





With the right support, community energy in the North West could play a key role in achieving net zero.



A route to net zero

Community energy is playing a crucial role in achieving net zero by gaining consent, increasing participation and embedding behaviour change. Community energy organisations will be a critical part of making sure the energy system transition is fair and no-one is left behind.

Provision of social benefits

Community energy delivers additional social and environmental value and is contributing to a green recovery. The sector advocates for the most vulnerable in society, such as those in fuel poverty.

Community energy needs the right support

The main barriers to community energy include lack of funding and a challenging renewable energy generation business model. To unlock the potential of community energy to deliver at scale, we need a long-term, stable and supportive policy environment.

What we need to meet our potential

- 1 Access to necessary support, resources and finance
- 2 Ability for generators to sell their energy locally
- 3 Access to land and buildings to develop community energy projects
- 4 Communities at the heart of the net zero transition

Powering our communities



Energy Local
Broughton in Furness



Feasibility Study Mill
Lane Electric Vehicle
Charging Network



Carbon Coop
Community Energy –
Heat pump ready!



Acclimatise Whaley
solar panel buyers
club



Energy Ambassadors,
Green Rose CIC



Solar Lighting for
Community Shelters



Journey to the
Summit
Youth Focus NW

Carbon Coop

Community energy - Heat Pump Ready!



Carbon Co-op

PEOPLE
POWERED
RETROFIT

Powering Our Communities Community Energy - Heat pump ready

Powering Our Communities Fund Launch Event

Community Energy - Heat pump ready!

17 September 2021

Jonathan Atkinson @carboncoop @PeopleRetrofit

Community Energy Heat pump ready!


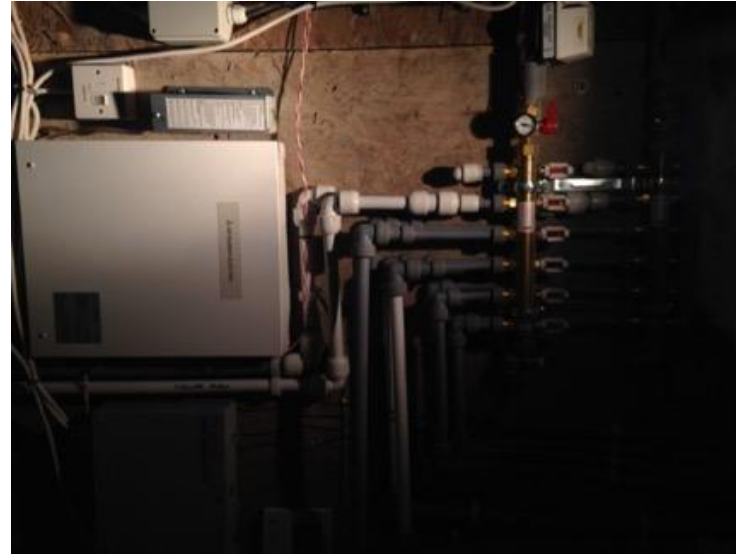


Michael
+
Rachel



External
Wall
Insulation

Carbon Co-op and Heat Pumps



PEOPLE POWERED RETROFIT

An Introduction to Heat Pumps

We start at 6pm, say hello in the chat!

Jonathan Atkinson
Florence Collier

humblebee
Carbon Co-op

www.carbon.coop

Community Shares issue



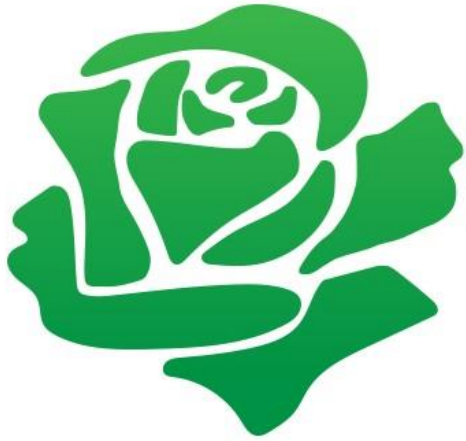
<https://www.ethex.org.uk/invest/people-powered-retrofit>

<https://www.eventbrite.co.uk/e/172666910377>

Green Rose CIC

Energy Ambassadors

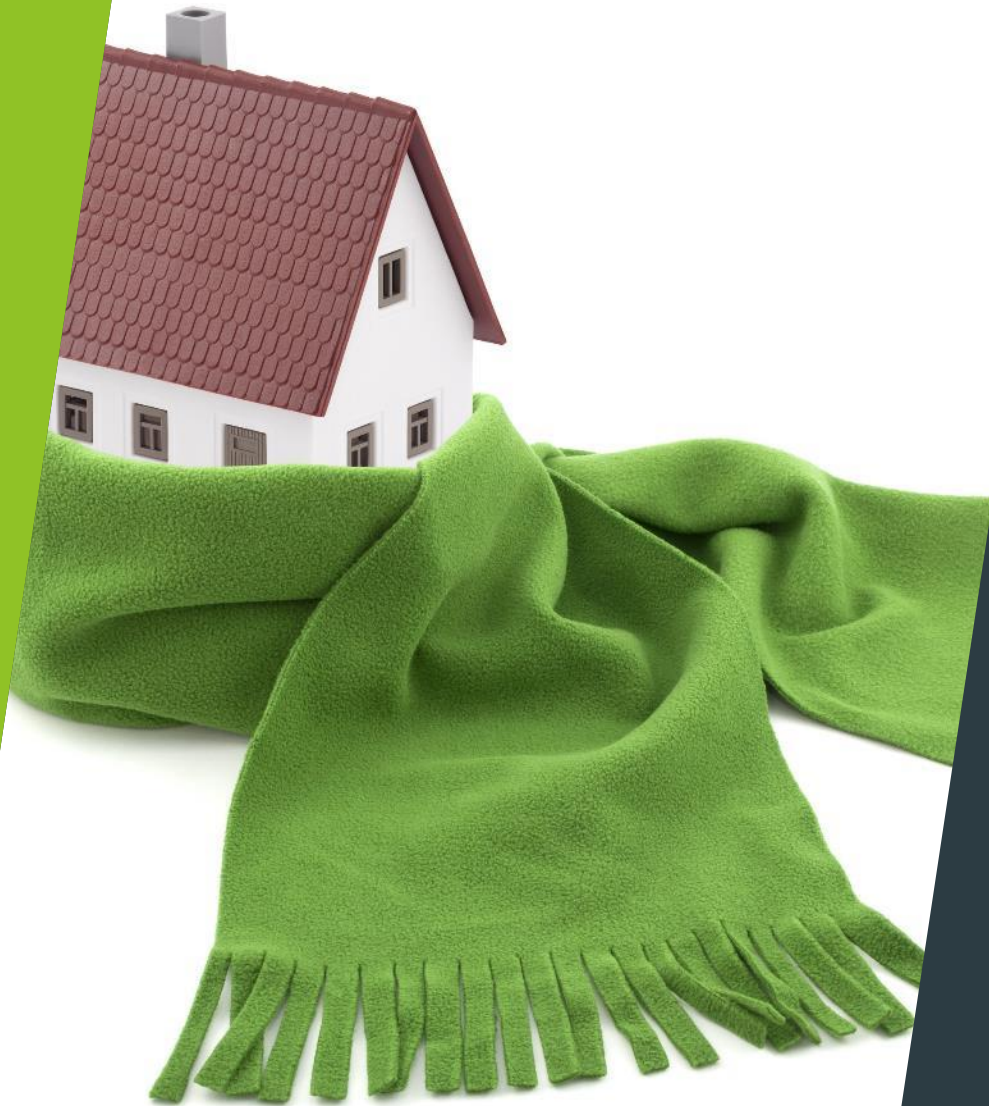




Green Rose
Community Interest Company

Powering Our Communities:
Energy Ambassadors Programme

Georgina Sommerville - Green Rose CIC Director



Summary

- ▶ An overview of Energy Ambassadors
- ▶ How Powering Our Communities helped us develop
- ▶ Our delivery so far
- ▶ Advice for new applicant applicants

Energy Ambassadors

- ▶ This programme is recruiting, training and supporting volunteers to become Energy Ambassadors in their workplaces and community.
- ▶ These Ambassadors will work with their families, neighbours, community and/or clients to help them reduce their energy bills and stay warm and well.
- ▶ Our target is 100 Lancashire-based frontline workers and residents trained by March 2022.

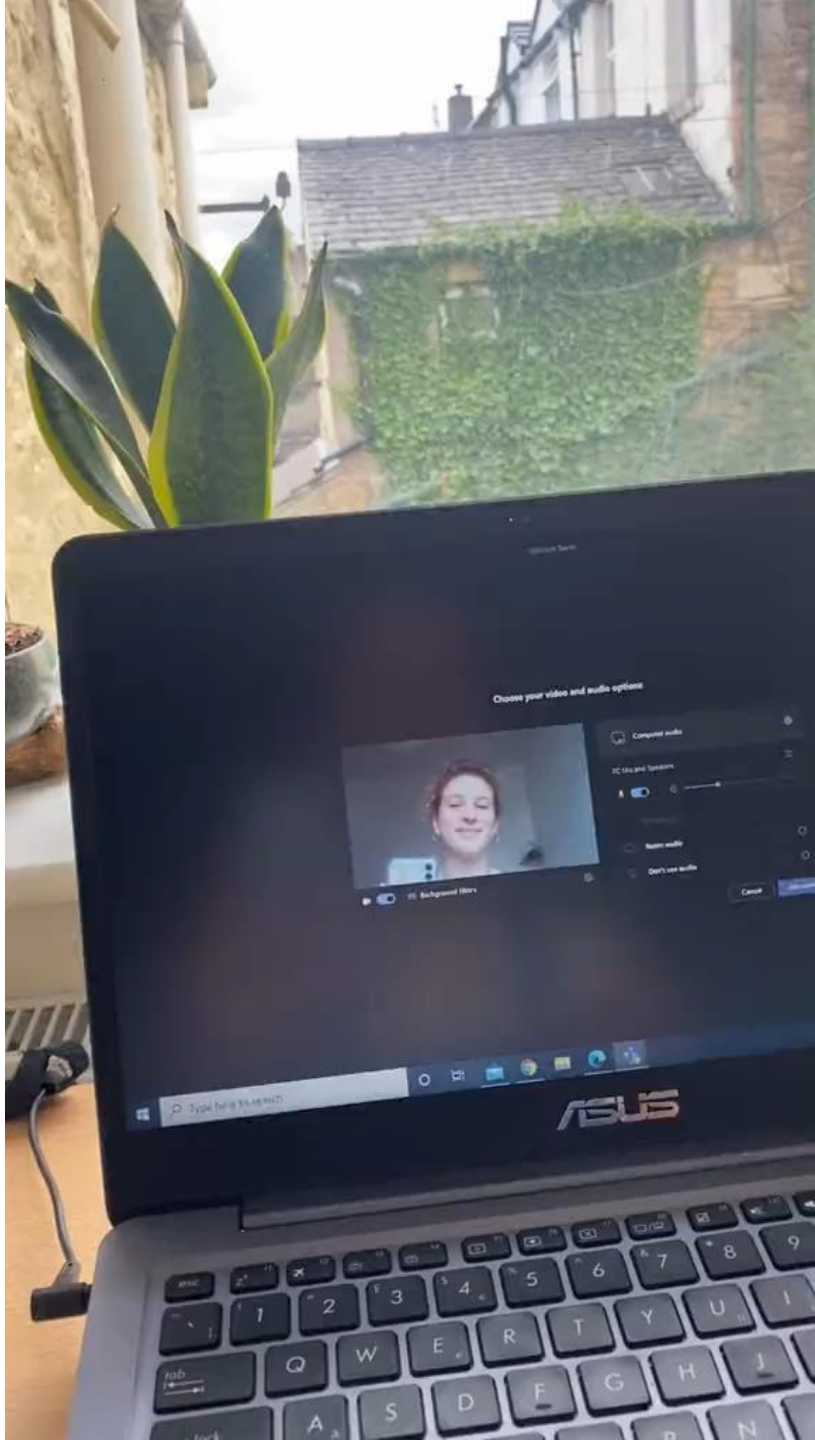




How has 'Powering Our Communities' helped?

The funding has allowed us to:

- ▶ Develop a detailed training presentation
- ▶ Promote the programme to potential trainees
- ▶ Trainer time to deliver the session
- ▶ And we will also be putting recordings online



[YouTube Link](#)

Our experience and tips



- ▶ Applying for the fund helped us clarify an idea into a workable project
- ▶ Be clear on your intended outcomes and how they meet the fund's goals
- ▶ Seek match funding where possible
- ▶ Be bold! If your idea is good don't be afraid to ask for the funding you need to deliver excellent results

Energy Local CIC

Energy Local Broughton in Furness





Energy Local

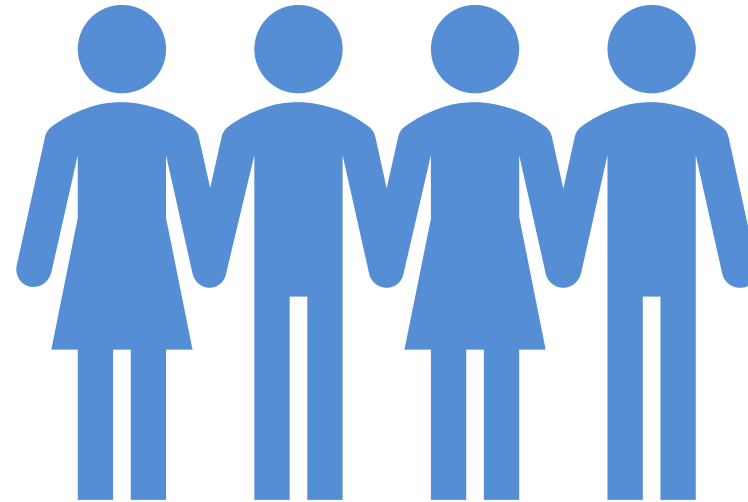
Duddon Valley

Mary Gillie,
Technical Innovation Director

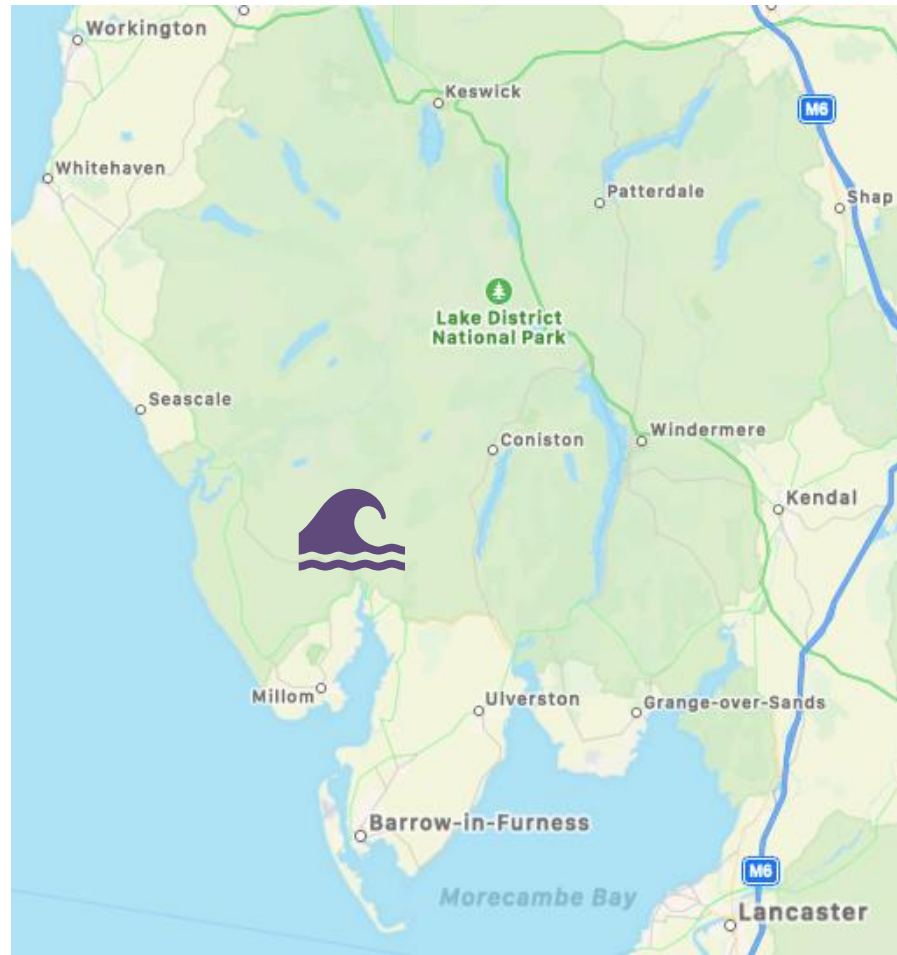
Our Vision

Energy Local's aim is to help 1000's of communities to get more value from renewable generation by using it locally. By sharing local generation we can

- reduce the cost of electricity,
- tackle fuel poverty,
- give local renewables a fair price for their power.
- keep the financial benefit local to build stronger, fairer, more resilient communities.



Hydro Plant

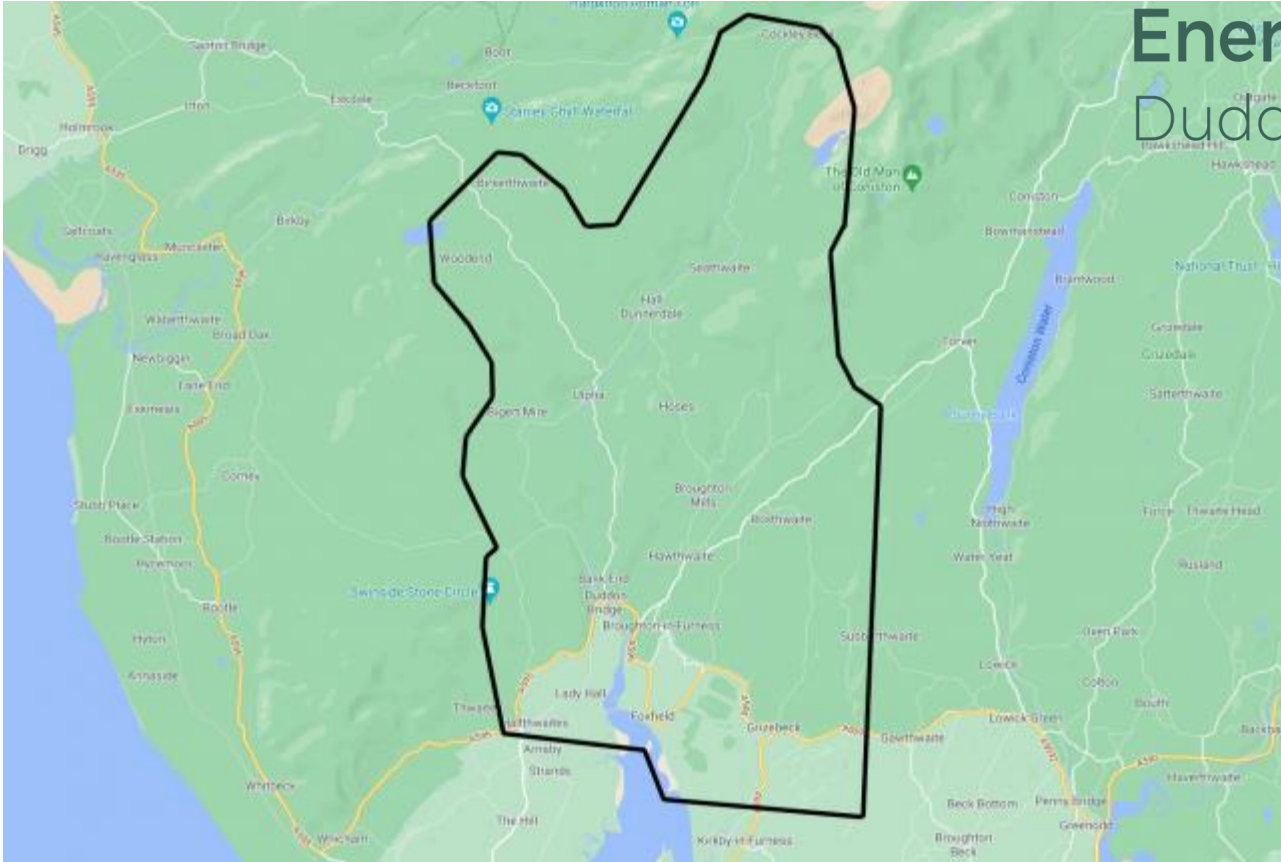


Energy Local
Duddon Valley



Energy Local
making energy work for you

Substation Area



Energy Local
Duddon Valley

How it works now



Duddon Valley Hydros sell to Big Energy Retail for 5p kWh

Money to shareholders.
Maintenance
Payback capital
Some benefit to general community?

Possible benefits



Mrs Jones buys from Biggly Energy Company at 14p kWh

Mrs Jones gets no direct benefit from Windy Millar's turbine.
In fact she opposed it at the planning process for that reason

With an Energy Local Club



Duddon Valley Hydro get 8p kWh 'matched' to the Club
Sells spill to Octopus Energy at 5p kWh



Energy Local
Duddon Valley



Energy Local Duddon Valley participants buy "matched" at 8p kWh
Buys the rest at Octopus Energy Time of Use Tariff

Increases income
Supports local economy
Re-invests in more renewables
Faster return on investment

Possible benefits

Reduces energy bills
Alleviates fuel poverty
Changes energy behaviour
Uses 100% renewable energy
Supports local renewables
Improves local economy

How it works



Duddon Valley Hydros move the Power Purchase Agreement to Octopus Energy

They have half hourly metering and a live feed

Octopus settle in half hour blocks calculating what is used by the Club and the “spill”.

Octopus calculate Windy’s remittance and pay for his renewable energy



Mrs Jones moves her electricity supply to Octopus Energy

She has a Smart Meter fitted and a live feed device

She is given a online dashboard to help her choose when is best to use power

Octopus Energy calculate what Mrs Jones has used when and issue her bills

Recruit Participants

- Local knowledge is key
- Work with CAfS locally
- ENW funding supports the advisor role to do the recruitment
- Initial target of 50 households
- Each should save around £150 per household
- Generator increases income.

Good time to use?

Now is a good time to use electricity



GO!

until 4PM (5 HOURS, 26 MINS)

Why? day time price currently available

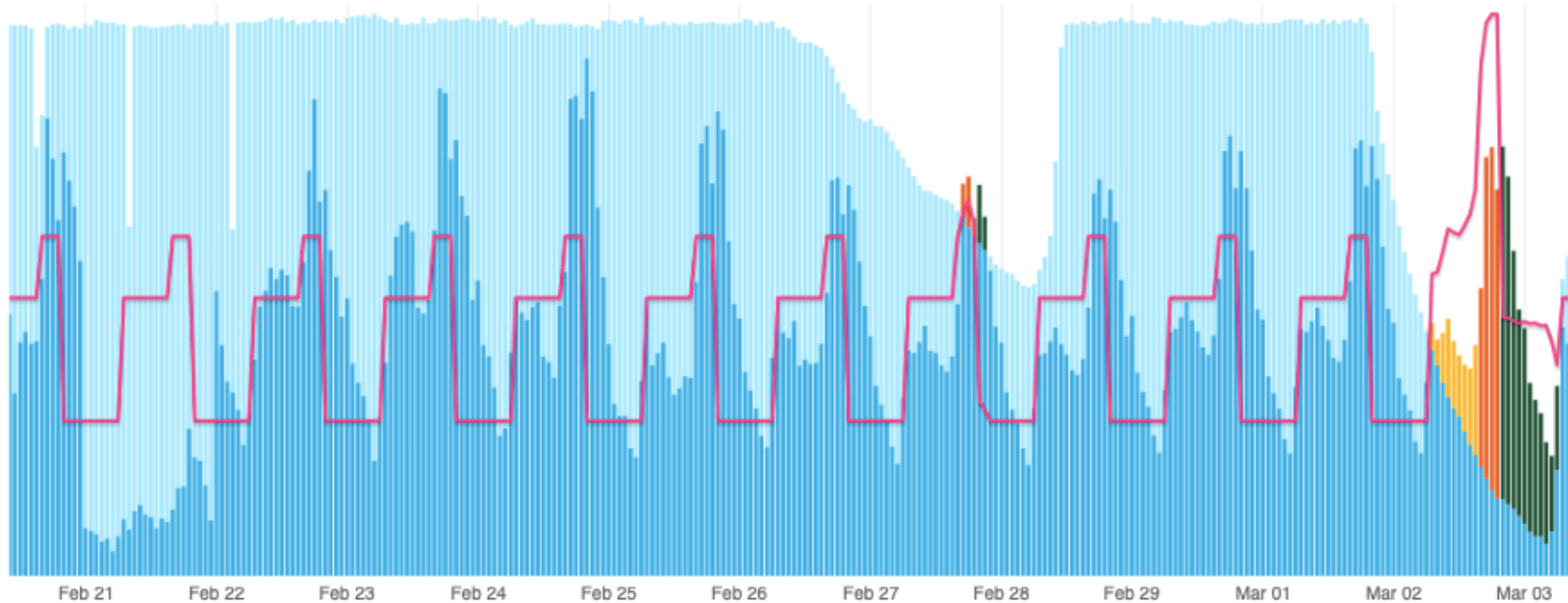
Local Electricity Forecast

< > YEAR MONTH WEEK DAY ▲

MEDIUM

Generating 40 kW now

Day Evening Night Hydro Price



gy Local
energy work for you

Energy Local can



MATCH RENEWABLE
SUPPLY AND DEMAND



IMPROVE RENEWABLE
ENERGY PAYBACKS -
MAKE FEASIBLE



IMPROVE LOCAL
ECONOMY



ALLEVIATE FUEL
POVERTY



INCREASE SOCIAL
COHESION



CHANGE BEHAVIOURS
TO SAVE AND SHIFT
ENERGY USE



MAKE RENEWABLES
BENEFIT MORE OF THE
COMMUNITY

Dalton Community Centre

Energy Reduction Action



Molly Hogg

Cumbria Action For Sustainability



Powering our Communities fund



£1,000 - £15,000 per project

£75,000 pot



Aim of this fund is to support community and local energy groups to grow; address barriers; and enable action.



The fund is for community energy groups or any organisation who can demonstrate community involvement or local benefit



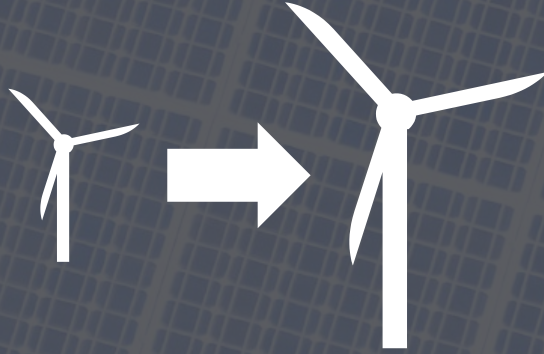
**Deadline: midnight 5th
November 2021**

**Projects to run from
April 2022- March 2023**

Powering our Communities Fund criteria 2021/22



Investigating or piloting new business models or new ways of working



Scaling up delivery of a community or local energy project or group



Addressing a specific barrier that is holding back the development of community or local energy

Application process

Download application form, criteria and additional guidance from our website

Application assessed by an independent advisory panel

Successful projects notified in early 2022

www.enwl.co.uk/communityandlocalenergy



QUESTIONS
&
ANSWERS

Community Energy NOW and NEXT

7 October 2021

10am–4:45pm

Online with plenty of breaks

This event will bring together Community Energy England, Next Generation and the Local Energy Hubs:

- What is working now in the community energy sector
- How community energy can expand its ambition and capability
- Growth into a whole systems approach to energy projects

Community
Energy
England

NEXT
GENERATION

power to
change

Greater
South East
Energy Hub

SOUTH WEST
ENERGY
HUB

local energy
north west hub

north east & yorkshire
ENERGY HUB

MIDLANDS
ENERGY
HUB

Keep up to date

Visit the community and local energy section of our website.

www.enwl.co.uk/communityandlocalenergy

Get in touch

If you are developing a community or local energy project please get in touch to discuss your plans

Contact details

Helen Seagrave

Community energy manager

Communityandlocalenergy@enwl.co.uk