An Overview of Community Energy in the UK

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Community Energy England
Community Energy England

*Putting people at the heart of the energy system*

- Founded by the sector to:
  - Create a strong, unified voice
  - Build capacity and support sector development
  - Develop cross-sector partnerships
- 213 member organisations

https://communityenergyengland.org/pages/join-us

Energy4All: Winners of the 2018 Community Energy award for Outstanding Contribution
Community energy

Community Leadership
Ownership - Control - Benefit
How it works
Types of projects

[Images of various energy projects including wind turbines, solar panels, and energy systems.]
Community energy = more than generating energy

• Trusted local partner
• Local knowledge and networks
• Increases uptake and change
• Energy democracy
• Empowerment
• Social impact
• New investment
• Recycled economic benefits
• Fuel poverty
• Local solution to global problems
2017

- 84,000 Community Members Engaged
- 74 Energy Efficiency Projects
- 202 GWh Energy Generated in 2017
- 71,000 tCO₂e Emission Reduced in 2017
- 168 MW Electricity Capacity
- Annual Demand of 67,000 Homes
- 228 Community Energy Organisations
- 1.9 MW Heat Capacity
- 5 Low Carbon Transport Projects
- 3.2 GWh Energy Generated in 2017
- 650 tCO₂e Emission Reduced in 2017
- 5 Community-owned EVs
- Over 1,000 Energy Efficiency Upgrades Installed
- 20 Community-owned EV Charging Points
Organisations: With over 228 organisations, we have 48,000 members employing 166 full-time staff. These are supported by over 1,800 volunteers.
Community Outcomes

Community Benefit Funding worth £1.1 Million in 2017

Used for

Education Initiatives

Community Assets

Reduced Electricity Price

Support Local Services

Improving the local environment

Donations

Reducing Carbon Emissions

Job Creation

Reducing Fuel Poverty
Project Funding & Finance

£299,000
Early Stage Funding in 2017

£40,000
Rural Community Energy Fund (RCEF)

£81,000
Ynni Lleol (Wales)

£178,000
Other Funders

£6,885,000
Loans

£3,467,000
Bonds / Debentures

£2,926,000
Community Shares

£977,000
Other (incl. Self Funding & Grants)

£14.3M
Investment in 2017
Stalled Projects
Regional variations
Key messages

• Community energy is proven
• Projects bring additional social, environmental and local economic benefits
• It is a trusted intermediary
• Local governance, accountability and engagement at its core
• “Cornerstone of the energy transition”
How to support community energy

• Volunteer your skills and knowledge
• Assets
• Jobs: https://communityenergyengland.org/job-vacancies
• Support campaigns and sign petitions e.g. 10:10
• Invest: https://communityenergyengland.org/pages/share-offers
• Spread the word
• Community Energy Fortnight (22 June – 7 July)
• Support CEE’s activities
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Community Energy England

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