Appendix A - References


Appendix B – Methodology

1.1. Overview
The State of the Sector community energy report is based on the collation of data from several sources and aims to form the most comprehensive overview of the community energy sector in England, Wales and Northern Ireland to date.

The report uses data obtained from a variety of sources, though primarily focused on data obtained through an in-depth online survey. It is important to note that the response rate to the online survey does not constitute a complete picture of the community energy sector, with further research techniques employed to bridge gaps in the data where possible.

This appendix will provide an overview of the research design, sampling and data gathering techniques, and means of analysis. All actions and assumptions made within the research are detailed below.

1.2. Research Design
Several key resources provided a basis for the research, including:

- Community Energy England’s Members Directory
- Community Energy Wales’ Members Directory
- 2015 Quantum Community Energy Survey¹
- Scene Connect’s Energy Archipelago Database²

Drawing on these resources, an initial database was designed to maximise the use of previously collected data and to build upon previous attempts to detail the state of the community energy sector.

The database provided a platform to build an online survey, which was made available from the 20th January 2017 – 28th February 2017.

1.3. Sample Definition
Two key variables were used to ensure that all respondents could be considered both ‘community’ and ‘energy groups.’

Community organisations were defined as organisational bodies owned or managed (entirely or in part) by a number of ‘community actors’ to the benefit of a local area, people or mutual group. Due to the complexity and often grey area between local and community initiatives, only groups with community reinvestment and development listed as a focal point were included. Particular focus on registered community benefit societies (BenCom), Community Interest Companies (CIC) and Cooperatives helped to reduce sampling errors in this regard. All data was verified to ensure the community element of the project was definable and agreed upon before inclusion.

Due to a sectoral trend of utilising special purpose vehicles (SPV) to own or manage energy assets or initiatives, all groups were processed for duplication across a wide range of variables to ensure double counting of data did not occur.

¹ Conducted on behalf of Community Energy England www.communityenergyengland.org/energy/community-energy-generating-more-than-community-energy
² Mapping interface accessible at: www.energyarchipelago.com
Where non-community groups were involved in partnership projects, the survey explicitly asked for ownership structures and percentages to ensure the community element of the projects in question were captured.

Energy groups were defined as being involved in one or more of the below activities:
- Energy generation (including electricity and heat);
- Energy supply;
- Energy storage;
- Energy efficiency (including advice, service provision and funding);
- Demand reduction (including advice, service provision and funding);
- And, electric vehicle or low carbon transport initiatives.

As with the community credentials of the respondent groups, all data was verified to ensure that they met the sample criteria as an ‘energy group.’

As the report aims to define the ‘State of the Sector,’ data was collected solely for groups with active or imminently active projects (e.g. currently or soon to be generating electricity or providing energy efficiency improvements). There are a large number of groups aspiring to deploy low carbon technologies or initiatives but are in early stages, or currently outside the criteria set out above. This limited the research to identifying and surveying the ‘active’ part of the community energy sector, thus focusing on groups contributing to carbon reduction and providing local community benefits.

1.4. Data Collection
1.4.1. Foundation Data
Data collected prior to the study by the project partners was used as a basis for identifying and contacting community energy groups, rather than a source of secondary data. This is due to the outdated nature of the databases previously discussed.

A contact database was created using these resources and augmented through desk based research of community energy groups within the sampling criteria.

Identified organisations were then included in the survey, firstly as a candidate for online surveying and latterly for desk-based research.

1.4.2. Desktop Research
Desk-based research was utilised in both the identification of community energy organisations and the collection of secondary data for analysis.

Web searches of umbrella groups within the community energy sector (e.g. Energy4all, 10:10, Sharenergy) provided access to aggregated details on community energy groups. Further investigation of specific community energy news and organisational websites was also used to obtain basic details about community energy organisations, including contact details.

Secondary data was collected at a later stage of the research, to ensure that double counting groups who had responded to the online survey was not an issue. Data collection focused primarily on groups identified and verified as ‘community energy’ groups but whom had not responded to initial survey requests.

Due to limited coverage of community energy activities, as well as limited resources to update organisational websites, only active projects that were verified to be generating power or offering energy services were included. This was achieved through the selection of data sources within
specified timeframes (since Jan 2016), as well as groups with concrete evidence of their activity (i.e. evidence that organisations had completed and are still operating their project(s)). Social media was used to gather information on groups currently active, as well as to make contact with groups who had not previously responded.

Due to the complexity and lack of public access to much of the data required, data from desk based analysis was less comprehensive than online surveying, providing details primarily relating to organisational structures and technology specifications.

1.4.3. Surveying
Surveying was primarily achieved through the use of an online survey, designed within Google Forms³. The full survey document can be found in Appendix C.

The survey was designed in line with the initial database to provide an overview of the sector through several key themes:

- Organisational information
  - Including governance, human resources and legal structures
- Primary and Secondary Activities
  - Including electricity and heat generation, energy efficiency, demand management, and transport.
- Finance Raising
  - Including development funding and capital finance.
- Community Outcomes
  - Including financial, environmental and social benefits.
- Sectoral policy, barriers and future outlook.

The survey was conducted by 159 respondents (35% of all identified organisations). Data was augmented through desk-based research to include a further 81 organisations. Overall the research collected data on 240 community energy organisations active in the sector from an initial sample of ~400 groups.

It is worth noting that data was not collected for 160 organisations due to several reasons, including:

- Limited or no online presence [50];
- Failing to fit sample definitions (e.g. non-community or non-energy focused organisations) [30];
- Group inactivity [22];
- or, lack of active or imminently active projects [58].

Further surveying was conducted with local authorities throughout England to provide information on public sector engagement with community energy organisations and activities. In total 9 Local Authorities responded to the survey.

1.5. Analysis
The first stage within data analysis was to collate and clean the data, due to the openness of many questions asked within the survey and the variant data gathering techniques utilised.

³ www.docs.google.com/forms
The database was separated in line with the survey structure to enable more efficient analyses, with data cleaned into string and numeric values. Where data was considered insufficient or incorrect (e.g. erroneous generation values), a non-response value was recorded.

Analysis focused on providing an accessible understanding of the community energy sector in England, Wales and Northern Ireland through aggregated statistical analysis, mapping and qualitative data presentation. Data was analysed using Tableau, allowing for the creation of infographics detailing the state of the community energy sector. Quantum GIS was used to conduct heat map and locational analyses.

Survey data from stalled or inactive projects was processed qualitatively, providing subsidiary evidence of the barriers to community energy development.

Local Authority data was processed qualitatively, forming a basis for in-depth case studies of community-public partnership and as supporting evidence through quotations and theme analyses of the local authority responses.

1.6. Ethics
All data collected within both the surveying and desk based research, including all contact details, were processed in anonymous forms and not shared outside the project team.

Privacy questions within the online survey allowed respondents to authorise the use of more in depth case studies within our reporting, as well as allowing their data to be displayed on Community Energy England’s Community Energy Hub.

Where case studies were used, respondents were asked to review the document before the report was finalised.
## Appendix C – Surveyed Organisation Lists

The 124 community organisations listed below completed the survey. A further 18 organisations completed the survey but did not consent to being listed here.

<table>
<thead>
<tr>
<th>England</th>
<th>England</th>
</tr>
</thead>
<tbody>
<tr>
<td>361 Energy CIC</td>
<td>Killington Sustainable Energy Trust</td>
</tr>
<tr>
<td>Amber &amp; Derwent Valley Community Energy Ltd</td>
<td>Leominster Sunrise Cooperative</td>
</tr>
<tr>
<td>Ashton Hayes Community Energy C.I.C.</td>
<td>Liverpool Community Renewables</td>
</tr>
<tr>
<td>Basingstoke energy Services Cooperative</td>
<td>Low Carbon Chilterns Cooperative</td>
</tr>
<tr>
<td>Bath &amp; West Community Energy</td>
<td>Low Carbon Gordano</td>
</tr>
<tr>
<td>Baywind Energy Coop Ltd</td>
<td>Malvern Community Energy Cooperative</td>
</tr>
<tr>
<td>Brampton and Beyond Energy</td>
<td>Meadow Blue Community Energy Ltd</td>
</tr>
<tr>
<td>Brendon Energy</td>
<td>Morecambe Bay Community Renewables</td>
</tr>
<tr>
<td>Brent Pure Energy</td>
<td>Neen Sollars Community Hydropower Cooperative</td>
</tr>
<tr>
<td>Brighton &amp; Hove Energy Services Cooperative</td>
<td>Orchard Community Energy</td>
</tr>
<tr>
<td>Brighton Energy Co-op</td>
<td>OVESCO Ltd</td>
</tr>
<tr>
<td>Bristol Energy Cooperative</td>
<td>Oxford North Community Renewables</td>
</tr>
<tr>
<td>Bristol Energy Network</td>
<td>Plymouth Energy Community</td>
</tr>
<tr>
<td>Bristol Power Cooperative</td>
<td>Pomona Solar Cooperative Ltd</td>
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<tr>
<td>Burneside Community Energy Ltd</td>
<td>Repower Balcombe</td>
</tr>
<tr>
<td>Carbon Cooperative</td>
<td>Repowering London Ltd</td>
</tr>
<tr>
<td>Chester Community Energy Ltd</td>
<td>Rose Hill and Iffley Low Carbon</td>
</tr>
<tr>
<td>Community Energy Birmingham Ltd</td>
<td>Saddlesworth Community Hydro Ltd</td>
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<tr>
<td>Community Energy Cumbria</td>
<td>Settle Hydro</td>
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<tr>
<td>Community Energy Plus</td>
<td>Sheffield Renewables Ltd</td>
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<tr>
<td>Community Energy Warwickshire Ltd</td>
<td>Solar SOAS</td>
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<tr>
<td>Community Power Cornwall</td>
<td>Solesco Cooperative Ltd</td>
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<tr>
<td>Community Renewable Energy Wandsworth</td>
<td>South Dartmoor Community Energy</td>
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<tr>
<td>Ealing Transition</td>
<td>South East London Community Energy</td>
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<tr>
<td>East Bridgford Community Energy IPS Ltd</td>
<td>South Hill Association for Renewable Energy</td>
</tr>
<tr>
<td>Easton Energy Group</td>
<td>Southern Staffordshire Community Energy</td>
</tr>
<tr>
<td>Energise Sussex Coast</td>
<td>Southhill Community Energy</td>
</tr>
<tr>
<td>Energy Alton</td>
<td>Sport in Desford</td>
</tr>
<tr>
<td>Energy Prospects</td>
<td>Springbok Sustainable Wood Heat Cooperative Ltd</td>
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<tr>
<td>Esk Energy (Yorkshire) Ltd</td>
<td>Stockport Hydro</td>
</tr>
<tr>
<td>ESVIPS</td>
<td>Stockwood Community Benefit Society Ltd</td>
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<tr>
<td>Exeter Community Energy Ltd</td>
<td>Sustainable Bleebury</td>
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<tr>
<td>Fenland Green Power Cooperative</td>
<td>Sustainable Energy 24</td>
</tr>
<tr>
<td>Ferry Farm Community Solar Ltd</td>
<td>Sustainable Linton</td>
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<tr>
<td>Forest Row Energy Cooperative Ltd</td>
<td>Teign Energy Communities Ltd</td>
</tr>
<tr>
<td>Four Winds Energy Cooperative Ltd</td>
<td>The Big Lemon CIC</td>
</tr>
<tr>
<td>Friends of Millhouses Park</td>
<td>The Schools’ Energy Cooperative Ltd</td>
</tr>
<tr>
<td>Future Homes</td>
<td>Torrs Hydro</td>
</tr>
<tr>
<td>Gamlingay Community Turbine</td>
<td>Transition Bewdley Energy Group</td>
</tr>
<tr>
<td>Gawcott Fields Community Solar Project CIC</td>
<td>Two Rivers Community Energy Society Ltd</td>
</tr>
<tr>
<td>Gloucestershire Community Energy Cooperative Ltd</td>
<td>Verdant Community Energy CIC</td>
</tr>
<tr>
<td>Grand Union Community Energy Ltd.</td>
<td>Wadebridge Renewable Energy Network</td>
</tr>
<tr>
<td>Greater Manchester Community Renewables Ltd</td>
<td>Wedmore Community Power Cooperative</td>
</tr>
<tr>
<td>Green Community Buildings</td>
<td>Wendron Cricket club</td>
</tr>
<tr>
<td>Green Energy Nayland Ltd</td>
<td>West Oxford Community Renewables</td>
</tr>
<tr>
<td>Grimsby Community Energy</td>
<td>West Solent Solar</td>
</tr>
<tr>
<td>Hampshire Renewable Energy Cooperative</td>
<td>Westmill Solar Cooperative</td>
</tr>
<tr>
<td>Harborough Energy Ltd</td>
<td>Westmill Sustainable Energy Trust</td>
</tr>
<tr>
<td>Harbury Energy Initiative</td>
<td>Westmill Wind Farm (WWF)</td>
</tr>
<tr>
<td>Hertford Energy Now</td>
<td>Wey Valley Solar Schools Energy Cooperative Ltd</td>
</tr>
<tr>
<td>High Winds Community Energy Society Ltd</td>
<td>Wight Community Energy</td>
</tr>
<tr>
<td>HKD Energy Ltd</td>
<td>Wiltshire Wildlife Community Energy</td>
</tr>
<tr>
<td>Kelsale-cum-Carlton Community Energy Ltd</td>
<td>York Community Energy</td>
</tr>
</tbody>
</table>

### Wales

| Awel Cooperative | Gwent Energy CIC |
| Bridges Centre | Swansea Community Energy & Enterprise Scheme |
| Bro Dyfi Community Renewables Ltd | Transition Bro Gwaun |
| Cardiff Community Energy | Transition Monmouth |
| Carmarthenshire Energy Ltd | Y Felin Ddwr |
| Crucorney Environmental Group | Ynni Anafon Energy Cyf. |
| Ecodyfi | Ynni Cymunedol Talybolion |
| Egni - Wales Solar PV Cooperative | Ynni Padarn Peris |

### Northern Ireland

| Drumlin Wind Energy Cooperative |

### Umbrella Organisations

| Communities for Renewables | Low Carbon Hub |
| Community Energy South | Mongoose |
| Energy4All | Sharenergy |
| Generation Community | Northern Ireland Community Energy |

### Local Authorities

| Cornwall Council | Newcastle City Council |
| Devon County Council | Oxford City Council |
| Dorset County Council | Plymouth City Council |
| Leeds City Council |

### Desk-based Survey Organisations

| Abbot’s Mill | Holywell & District Transition Group |
| Abergavenny Energy CIC | Hook Norton Low Carbon |
| Action on Energy | Low Carbon Oxford North |
| Alston Moor Community Energy | Low Carbon South Oxford |
| Appleton le Moors and Spaunton Energy Group | Low Carbon West Oxford |
| Avalon Community Energy Ltd | Ludlow Community Hydro |
| Bedminster Energy Group | Marches Energy Agency |
| Bee Sustainable | Marshfield Energy Project |
| Calderdale Community Energy | Moss Community Energy |
| Canolfan Beaumaris | Muswell Hill Sustainability Group |
| Cardigan Swimming Pool & Leisure Complex | Nadder Community Energy |
| Cathays and Central Youth and Community Project | Narbeth Energy Ltd |
| Chase Community Solar | Nottinghamshire Community Energy (Mongoose) |
| Chelwood Community Energy Ltd (Mongoose) | NSA Afan |

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4 Publicly available data was collected for the organisations within this section of the study. Due to limited availability of data, these organisations contributed to high level analysis, such as organisational numbers, distribution and generation capacity.
<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corwen Electricity Coop</td>
<td>Okehampton College</td>
</tr>
<tr>
<td>County Durham Community Energy CIC</td>
<td>Oldham Community Power</td>
</tr>
<tr>
<td>Crowborough Rugby Football Club</td>
<td>Parish Church of Saint George</td>
</tr>
<tr>
<td>Cuckmere Community Solar</td>
<td>Pembrokeshire South East Energy Group</td>
</tr>
<tr>
<td>Cumbria Action for Sustainability</td>
<td>Pennine Community Power</td>
</tr>
<tr>
<td>Cwmclydach Community Development Trust</td>
<td>Power Up North London</td>
</tr>
<tr>
<td>Dean Heritage Centre</td>
<td>Rochdale Community Energy CIC</td>
</tr>
<tr>
<td>Derwentwater YHA</td>
<td>South Wheatley Environmental Trust</td>
</tr>
<tr>
<td>Dyffryn Crawnon Green Energy CIC</td>
<td>St John's Sunshine</td>
</tr>
<tr>
<td>Energise Barnsley</td>
<td>Stamford Community Energy</td>
</tr>
<tr>
<td>Energy Efficient Widcombe</td>
<td>Sunrise Community Energy</td>
</tr>
<tr>
<td>Friends of Taff Bargoed Park</td>
<td>Sustainable Hockerton</td>
</tr>
<tr>
<td>Frome Renewable Energy Co-operative</td>
<td>Sustainable South Brent</td>
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<tr>
<td>Furzedown Low Carbon Zone</td>
<td>Sustainable Wallingford</td>
</tr>
<tr>
<td>Glamis Hall Rooftop Solar Panels</td>
<td>Talybont-on-Usk Energy</td>
</tr>
<tr>
<td>Goring &amp; Streatley Sustainability Group</td>
<td>Tamar Energy Community</td>
</tr>
<tr>
<td>Greater Grimsby Community Power</td>
<td>Totnes Renewable Energy Society</td>
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<tr>
<td>Green Fox Community Energy</td>
<td>Transition Eynsham Area</td>
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<tr>
<td>Gwendaith Valley Energy Co-operative</td>
<td>Tring Community Energy</td>
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<tr>
<td>Hackney Energy</td>
<td>Valley Wind</td>
</tr>
<tr>
<td>Halton Lune Hydro</td>
<td>Whalley Community Hydro</td>
</tr>
<tr>
<td>Herefordshire New Leaf Cooperative Ltd</td>
<td>Woolhope Woodheat</td>
</tr>
<tr>
<td>Hexham Community Partnership</td>
<td>Ynni Ogwen</td>
</tr>
</tbody>
</table>
Appendix D – State of the Sector Survey 2017

State of the Sector Survey 2017


The findings from this survey will inform a 'State of the Sector' report, which will be crucial in helping us to decide how to influence government policy over the next 12 months and in raising awareness of the value of community energy. It is therefore very important for us to get an accurate view of activity across the community energy sector. The report will also feed into the ongoing work of Community Energy England and Community Energy Wales, supporting and aiding communities to develop their own low carbon projects.

2 Instructions

The survey is split into four sections, looking to gather information on:

1) Details about your community organisation;
2) Community energy activities your organisation is involved with, including both primary and secondary activities (e.g. energy generation and energy efficiency);
3) The financial, social and environmental outcomes of your organisation’s work;
4) The future plans of your organisation.

If you are involved with more than one organisation please complete separate surveys for each organisation. The survey may be sent to multiple contacts in each organisation, please try to ensure only one response if filled out per organisation if possible.

If you are unable to complete the form in one go it is possible to exit the survey and then complete it at a later date. Page numbers are there to help you and us keep track of answers, but do not necessarily relate to progress, or how much further you have to go. In order to save your answers you must submit the survey, please follow the steps below:

1) Select 'Save and return later' at the end of your current section
2) Select the submit button
3) Select 'Edit your response'
4) Save the web page URL for access at a later date
If you have any issues filling out the survey, or difficulties saving your survey to edit at a later date, please email a survey administrator at survey@communityenergyengland.com. The deadline for submissions is 20 February 2017.

Thank you for participating in this survey.

### 3 Your Details

Please answer the following questions about your personal details.

1. What is the name of your organisation?

2. What is your role in your organisation?

3. Please provide a correspondence / head office address

4. Your name

5. Your email address
6. Do you want to save and return later or continue?
   Please Note there are four steps: 1) Select 'Save and return later' 2) Select the submit button
   3) Select 'Edit your response' 4) Save the web page URL for access at a later date Mark only
   one oval.
   
   - Continue
   - Save and return later

4. **Group Details**

   These questions are related to your participating organisation

7. Please select the structure of your organisation Mark only one oval.
   
   - Community Benefit Society (BenCom) / Registered Society
   - Co-operative
   - Community Interest Company (CIC)
   - Charity Other:

8. Please provide your company’s registration number
   (i.e Companies House, FCA or Charity Commission)

9. How many full time equivalent (FTE) staff does your organisation employ?
   (e.g. 1 full time post and 1 part-time post working two days per week would total 1.4 FTE)
10. How many volunteers do you have currently?  
Mark only one oval.  
- <10  
- 10-19  
- 20-29  
- 30-49  
- 50-99  
- >100

11. Please state the number of members in your organisation

12. Please provide your organisation's website URL

13. Please provide your organisation's Twitter page

14. What is your organisation's annual turnover and what period does that cover? (e.g. £45,000 April 2015 - April 2016)
15. Do you want to save and return later or continue?
   Please Note there are four steps: 1) Select ‘Save and return later’ 2) Select the submit button 3) Select 'Edit your response' 4) Save the web page URL for access at a later date Mark only one oval.
   - Continue
   - Save and return later  Stop filling out this form.

5  Your organisation's primary activity

Please enter data for all of your projects/schemes related to the primary business or trading activity area that you choose (e.g. for electricity generation please enter data on all of your electricity generation projects). There will be the opportunity later in the survey to refer to any other activity that your organisation may be involved in.

16. Please select the primary activity of your organisation Mark only one oval.
   - Electricity Generation   After the last question in this section, skip to question 20.
   - Heat Generation   After the last question in this section, skip to question 27.
   - Transport   After the last question in this section, skip to question 34.
   - Energy Storage   After the last question in this section, skip to question 36.
   - Energy Efficiency and/or Demand Management   After the last question in this section, skip to question 38.

17. Please provide a brief description of your organisation's primary activity
   Please provide information related specifically to the type of activity selected in the previous question (No more than 100 words)
18. What is the geographical location of your primary activity by region of England, Wales or Northern Ireland?
Mark only one oval.
Antrim
Armagh
Blaenau Gwent
Bridgend
Caerphilly
Cardiff
Carmarthenshire
Ceredigion
Conwy
Denbighshire
Down
East of England
East Midlands
Fermanagh
Flintshire
Gwynedd
Isle of Anglesey
London
Londonderry
Merthyr Tydfil
Monmouthshire
Neath Port Talbot
Newport
North East England
North West England
Pembrokeshire
Powys
Rhondda Cynon Taff
South East England
South West England
Swansea Torfaen
Tyrone
Vale of Glamorgan
West Midlands
Wrexham
Yorkshire and the Humber

19. If your primary activity is located in multiple regions, please select a second region below.
Mark only one oval.
Antrim  
Armagh  
Blaenau Gwent  
Bridgend  
Caerphilly  
Cardiff  
Carmarthenshire  
Ceredigion  
Conwy  
Denbighshire  
Down  
East of England  
East Midlands  
Fermanagh  
Flintshire  
Gwynedd  
Isle of Anglesey  
London  
London  
Londonderry  
Merthyr Tydfil  
Monmouthshire  
Neath Port Talbot  
Newport  
North East England  
North West England  
Pembrokeshire  
Powys  
Rhondda Cynon Taff  
South East England  
South West England
20. Which of the following electricity generation technologies does your organisation currently operate? Check all that apply.

- Solar PV
- Wind
- Hydro
- Other:

21. Is / are your site(s) operational? Mark only one oval.

- Yes
- No
- Other:

22. If so, in which year did your organisation first produce electricity? Please state N/A if you have not commenced production

23. What is the total capacity (kW) of your organisation's electricity generation project(s)? Please provide information as of December 2016
24. How much energy have you produced since you commenced generation? (kWh)


25. Please provide site details for all generating sites
(i.e. Site 1 - technology, post code, generating capacity (kW))


26. Please provide any extra details about your project
Please provide further information that you think may be useful for CEE/CEW about your projects (e.g. number of customers, number of turbines / solar panels, etc). Please omit ownership and investment details as they are asked for later in the survey.


Skip to question 43.

7 Heat Generation

27. Please select the relevant heat generation technology Mark only one oval.

- [ ] Biomass Boiler
- [ ] Biomass District Heat Network
- [ ] Anaerobic Digestion
- [ ] Heat Pump Other:
28. Is / are your site(s) operational?
   Mark only one oval.
   ○ Yes
   ○ No

29. If so, in which year did your organisation first produce heat?
   Please state N/A if you have not commenced production

30. What is the total capacity (kW) of your organisation’s heat generation project(s) Please provide information as of December 2016

31. How much energy have you produced since you commenced generation? (kWh)

32. Please provide site details for all generating sites
   (i.e. Site 1 - technology, post code, generating capacity (kW))

33. Please provide any extra details of your project
   Please provide information that you think may be useful for CEE/CEW about your projects (e.g. number of customers, number of turbines / solar panels, etc.). Please omit ownership and investment details as they are asked for later in the survey.
Skip to question 43.

8 Transport

34. Please select the type of transport activities Mark only one oval.

☐ Electric vehicles
☐ Hydrogen vehicles
☐ Other:

35. Please provide further details on your transport activities
Please provide information that you think may be useful for CEE/CEW about your projects (e.g. number of electric vehicles, type of cycling training, etc.) Please omit ownership and investment details as they are asked for later in the survey.

Skip to question 43.

9 Energy Storage

36. Please select the type of energy storage Check all that apply.

☐ Hydrogen Storage
☐ Electrical Storage
☐ Other:

37. Please provide further details on your energy storage activities
Please provide information that you think may be useful for CEE/CEW about your projects (e.g. size of storage, type of battery, etc.)
10 Energy Efficiency and Demand Management

38. What types of energy efficiency services do you provide?
   Check all that apply.
   - Energy audits
   - Energy cafes
   - Smart meters
   - Energy switching
   - Insulation
   - Energy efficient lighting
   - Advice on energy efficient appliances
   - Other:

39. Please detail the nature of the energy efficiency measures and services provided by your organisation. (no more than 500 words)

40. How many members of your community have been provided with services or physical works?

41. What type of support for energy efficiency measures does your organisation offer?
   Check all that apply.
42. Do you measure the value of the energy efficiency works provided by your organisation? If so, how do you measure this and what value have you placed on your activity? (e.g. Improved building energy ratings, reduced energy costs, reduction in energy bills)

---

Skip to question 43.

### Primary activity details: Part 2

43. What ownership models do you use in connection with your primary area of activity?
   You may select more than one Check all that apply.
   - Community Owned
   - Community-Commercial Partnership
   - Community-Public Partnership (Inc. partnerships with local authority)
   - Unknown
   - Other:

44. If you have selected a partnership option, please detail the nature of the partnership. (e.g. 40% community : 60% commercial)

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45. Have you used any of the following Development Funding? Check all that apply.
46. Please state the values of each of the development funding types identified above (e.g. CARES £10,000; UCEF £30,000)

47. What is the total value of investment in the primary activity to date? (£)

48. Please identify which investment type(s) have been utilised for the primary area of activity
   Check all that apply.
   - Community Shares
   - Bonds / Debentures
   - Loans
   - Grants Other:

49. Please detail the value of any community shares utilised (e.g. £100,000)

50. Please detail the value and term / rate of any bonds / debentures utilised
   (e.g. £100,000 at 4% over 8 years)
51. Please detail the value, source and term / rate of any loans utilised
(£100,000 Cooperative Bank at 5% over 15 years)

52. Please detail the values and sources of any grants utilised
(e.g. £100,000 BIG Lottery)

53. Which support tariffs does your project use?
   Check all that apply.
   - [ ] Feed-in Tariff (FiT)
   - [ ] Renewable Obligation Certificates (ROC)
   - [ ] Renewable Heat Incentive (RHI)
   - [ ] None
   Other:

54. Was your organisation able to offer any tax reliefs when they were available?
   (e.g. Enterprise investment Scheme (EIS), Seed Enterprise Investment Scheme (SEIS), Social
   Investment Tax relief (SITR), etc.)

55. Do you want to save and return later or continue?
Please Note there are four steps: 1) Select 'Save and return later' 2) Select the submit button 3) Select 'Edit your response' 4) Save the web page URL for access at a later date Mark only one oval.

☐ Continue
☐ Save an return later   Stop filling out this form.

56. Does your organisation have a secondary low-carbon activity?
   (e.g. Does your organisation also undertake energy efficiency work as well as generation?)
   Mark only one oval.
   ☐ Yes
   ☐ No   Skip to question 94.

12 Your organisation's secondary activity

Please enter data for all of your projects/schemes related to the secondary business or trading activity area that you choose (e.g. for electricity generation please enter data on all of your electricity generation projects). There will be the opportunity later in the survey to refer to any other activity that your organisation may be involved in.

57. Please select the secondary activity of your organisation Mark only one oval.

☐ Electricity Generation   After the last question in this section, skip to question 61.
☐ Heat Generation   After the last question in this section, skip to question 68.
☐ Transport   After the last question in this section, skip to question 75.
☐ Energy Storage   After the last question in this section, skip to question 77.
☐ Energy Efficiency and/or Demand Management   After the last question in this section, skip to question 79.

58. Please provide a brief description of your organisation's secondary activity
   Please provide information related specifically to the type of activity selected in the previous question (No more than 100 words)

____________________________________________________________________________________

____________________________________________________________________________________

____________________________________________________________________________________

____________________________________________________________________________________
59. What is the geographical location of your secondary activity by region of England, Wales or Northern Ireland?
Mark only one oval.
Antrim
Armagh
Blaenau Gwent
Bridgend
Caerphilly
Cardiff
Carmarthenshire
Ceredigion
Conwy
Denbighshire
Down
East of England
East Midlands
Fermanagh
Flintshire
Gwynedd
Isle of Anglesey
London
Londonderry
Merthyr Tydfil
Monmouthshire
Neath Port Talbot
Newport
North East England
North West England
Pembrokeshire
Powys
Rhondda Cynon Taff
South East England
South West England
Swansea
Torfaen
Tyrone
Vale of Glamorgan
West Midlands
Wrexham
Yorkshire and the Humber

60. If your secondary activity is located in multiple regions, please select a second region below. Mark only one oval.
13 Electricity Generation

61. Which of the following electricity generation technologies does your organisation currently operate?
   Check all that apply.
   - Solar PV
   - Wind
   - Hydro
   - Other:

62. Is / are your site(s) operational?
   Mark only one oval.
   - Yes
   - No

63. If so, in which year did your organisation first produce electricity? Please state N/A if you have not commenced production

64. What is the total capacity (kW) of your organisation's electricity generation project(s)? Please provide information as of December 2016
65. How much energy have you produced since you commenced generation? (kWh)

66. Please provide site details for all generating sites
   (i.e. Site 1 - technology, post code, generating capacity (kW))

67. Please provide any extra details of your project
   Please provide information that you think may be useful for CEE/CEW about your projects (e.g. number of customers, number of turbines / solar panels, etc.). Please note that ownership models and investment information is asked in the following pages so these topics do not need to be discussed.

Skip to question 84.

14 Heat Generation

68. Please select the relevant heat generation technology Mark only one oval.
69. Is / are your site(s) operational?
Mark only one oval.

☐ Yes
☐ No

70. If so, in which year did your organisation first produce heat? Please state N/A if you have not commenced production

71. What is the total capacity (kW) of your organisation's heat generation project(s)
Please provide information as of December 2016

72. How much energy have you produced since you commenced generation? (kWh)

73. Please provide site details for all generating sites
(i.e. Site 1 - technology, post code, generating capacity (kW))
74. Please provide any extra details of your project
   Please provide information that you think may be useful for CEE/CEW about your projects (e.g. number of customers, number of turbines / solar panels, etc.). Please note that ownership models and investment information is asked in the following pages so these topics do not need to be discussed.

Skip to question 84.

15 Transport

75. Please select the type of transport activities Mark only one oval.
   - Electric vehicles
   - Hydrogen vehicles
   - Other:

76. Please provide further details on your transport activities
   Please provide information that you think may be useful for CEE/CEW about your projects (e.g. number of electric vehicles, type of cycling training, etc.)

Skip to question 84.

16 Energy Storage

77. Please select the type of energy storage Check all that apply.
Hydrogen Storage
Electrical Storage Other:

78. Please provide further details on your energy storage activities. Please provide information that you think may be useful for CEE/CEW about your projects (e.g. size of storage, type of battery, etc.)

Skip to question 84.

17 Energy Efficiency and Demand Management

79. What types of energy efficiency services do you provide? Check all that apply.

- Energy audits
- Cafes
- Smart meters
- Energy switching
- Insulation
- Energy efficient lighting
- Advice on energy efficient appliances Other:

80. Please detail the nature of the energy efficiency measures and services provided by your organisation. (no more than 500 words)

81. How many members of your community have been provided with services or physical works?
82. What type of support for energy efficiency measures does your organisation offer? Check all that apply.

- Loans
- Grants Advice
- None of the above Other:

83. Do you measure the value of the energy efficiency works provided by your organisation? If so, how do you measure this and what value have you placed on your activity? (e.g. Improved building energy ratings, reduced energy costs, reduction in energy bills)

Skip to question 84.

18 Secondary activity details: Part 2

84. What ownership models do you use in connection with your secondary area of activity? You may select more than one Check all that apply.

- Community Owned
- Community-Commercial Partnership
- Community-Public Partnership (Inc. partnerships with local authority)
- Unknown

Other:

85. If you have selected a partnership option, please detail the nature of the partnership. (e.g. 40% community : 60% commercial)
86. Have you used any of the following Development Funding?
Check all that apply.
☐ Community and Renewable Energy Scheme (CARES)
☐ Rural Community Energy Fund (RCEF)
☐ Urban Community Energy Fund (UCEF)
☐ Ynni’r fro Other:

87. Please state the values of each of the development funding types identified above. (e.g. CARES £10,000 ; UCEF £30,000)

88. Please identify which investment type(s) have been utilised for the secondary area of activity
Check all that apply.
☐ Community Shares
☐ Bonds / Debentures
☐ Loans
☐ Grants Other:

89. Please state the values of each of the investment types identified above.
(e.g. Community Shares £400,000 ; Loan £500,000 from Cooperative Bank at 4% over 15 years)

90. What is the total value of investment in the secondary activity to date? (£)
91. Which support tariffs does your project use?
Check all that apply.
- Feed-in Tariff (FiT)
- Renewable Obligation Certificates (ROC)
- Renewable Heat Incentive (RHI)
- None
Other:

92. Was your organisation able to offer any tax reliefs when they were available?
(e.g. Enterprise investment Scheme (EIS), Seed Enterprise Investment Scheme (SEIS), Social Investment Tax relief (SITR), etc.)

93. Do you want to save and return later or continue?
Please Note there are four steps: 1) Select 'Save and return later' 2) Select the submit button 3) Select 'Edit your response' 4) Save the web page URL for access at a later date Mark only one oval.
- Continue
- Save and return later
- Stop filling out this form.

94. Do you have a project that is on hold or stalled?
Mark only one oval.
- Yes Skip to question 95.
- No Skip to question 97.

95. Please choose from the following list which areas explain what caused the stall?
Check all that apply.
96. Please describe in more detail the problems which stalled or has held up your activity

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

19 Assessment of Community Benefits

97. If your organisation has a community benefit fund, what is the approximate value of it over the last 12 months?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

98. Do you expect this to increase, stay the same or decrease over the lifetime of the project(s)?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

99. How many years are left in your community benefit fund?
100. Which of the following wider benefits are provided through your organisation’s activities?
Check all that apply.

- [ ] Grants
- [ ] Loans
- [ ] Donations
- [ ] Reduced electricity price
- [ ] Job creation
- [ ] Community asset purchase or development
- [ ] Initiatives to improve the local environment
- [ ] Education initiatives
- [ ] Reduction of fuel poverty
- [ ] Other: ________________________________

101. Please give more details and any links to more information

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

102. Would you like to save and return later or continue?

Please Note there are four steps: 1) Select 'Save and return later' 2) Select the submit button 3) Select 'Edit your response' 4) Save the web page URL for access at a later date. Mark only one oval.

- [ ] Continue
- [ ] Save and return later
- [ ] Stop filling out this form.

20 Future Plans

103. Are you planning on undertaking new activity in 2017?
Mark only one oval.
104. Please add more details about your planned activities for the next 12 months.
   (e.g. feasibility work for new projects, solar PV, designing new outreach programmes etc)

105. Please describe the organisation’s plans over the next five years

106. What type of support or policies do you think would help you to realise these aims?

Other activities

107. If your organisation takes part in any other activities that you have not told us about, please let us know about them.

You are Finished!
Thank you very much for completing this survey, your answers are highly valued. Your participation in this survey is very important as it will help to influence policy and support the continued development of the community energy sector in the UK.
The next steps for this research is to analyse your answers, feeding into a report to be launched in March. Findings and analysis from the report will be presented at key meetings and events. A copy of the report can be made available to you via email, which you can opt-in to receiving by clicking yes to the relevant question below.

Thank you once again, we wish you and your organisation all the best for the future.

108. Are you happy for CEE / CEW to contact you?
   Mark only one oval.
   ○ Yes
   ○ No

109. Would you like to be sent an electronic copy of the final report?
   Mark only one oval.
   ○ Yes
   ○ No

110. Would you be happy for CEE / CEW to upload information on name, location, sites, capacity and the brief description to the Community Energy Hub?
    This will not include any financial information. For more info, see hub.communityenergyengland.org
    Mark only one oval.
    ○ Yes
    ○ No

111. Would you be happy to be used as a more in depth case study within this research?
    Mark only one oval.
    ○ Yes
    ○ No

112. Do you have any photos of your project that you would be happy for us to use within our report? Mark only one oval.
    ○ Yes
    ○ No

113. Is there any other additional information that you think would be useful for us to know about?