

State of the Sector Survey 2017

Welcome to the Community Energy England and Community Energy Wales State of the Sector Survey 2017. This survey aims to collect data on community energy generation, energy savings and CO2 reduction projects in England, Wales and Northern Ireland.

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.



Ynni
Cymunedol Cymru
Community Energy
Wales



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.

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 *Stop filling out this form.*

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.*

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
- 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

Electricity Generation

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.

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.

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.

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.)

Skip to question 43.

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.

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

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)

45. 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: _____

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.*

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.

- 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

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.

Heat Generation

68. Please select the relevant heat generation technology

Mark only one oval.

- Biomass Boiler
- Biomass District Heat Network
- Anaerobic Digestion
- Heat Pump
- Other: _____

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.

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.

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.

Energy Efficiency and Demand Management

79. 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: _____

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.

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.

- Finance - FiT
- Finance - Capital
- Skill base not sufficient
- Engineering issues
- Local opposition
- National oppositions
- Planning changes
- Attracting enough volunteers
- Keeping existing volunteers motivated

96. Please describe in more detail the problems which stalled or has held up your activity

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.*

Future Plans

103. Are you planning on undertaking new activity in 2017?

Mark only one oval.

- Yes
- No
- Maybe

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?**

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