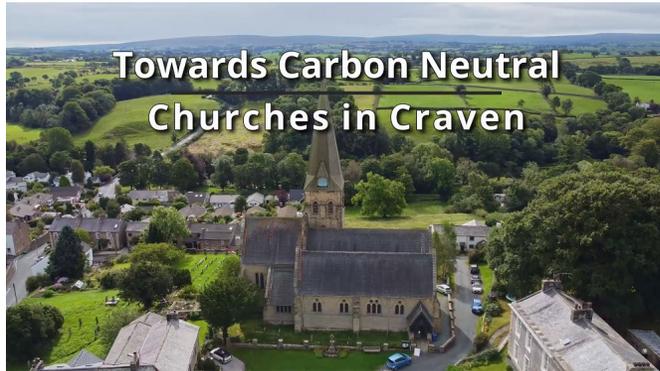


## Towards Carbon Neutral Churches in Craven (TCNCC)

RCEF Stage: 1



### The Story

TCNCC is a group of 5 churches in rural North Yorkshire, ranging from small to large, who are aiming to achieve the Church of England's target to be net carbon zero by 2030. We need to decarbonise our heating as this accounts for 82% of our carbon emissions and we want to find the best solution for each of the different buildings in our group. We also want to disseminate our story to help other churches and individuals to reduce our carbon footprints. Part of this dissemination has been the production of a film to encourage churches to start on this path. The RCEF-funded feasibility study was an invaluable starting point for our work.

### Challenges & Risks

The biggest challenge to churches is the financial cost of changes to heating systems. But we also need to be sure that any changes we make will not damage the fabric of the buildings, and that we take heritage considerations into account. Solutions vary with each church depending on the building and its usage. We are planning a small trial of electric heating technologies in one of the churches to test effectiveness, impact on the fabric and aesthetics.

We have had a lot of support from our local communities, other churches and from the church authorities.

### Lessons Learned

Consult widely, involve the community early, look for achievable goals, start with the easy wins, expect to change your plans as you learn more. There is no single answer. Experts can, and do, disagree!

### Key Facts

What?	Feasibility study into achieving carbon zero by 2030.
Where?	5 very different churches in Craven, North Yorkshire.
How?	Consultant Locogen reported in December 2021.
Impact?	Dependent on the recommendations in the report - each church is building an action plan, including considering a green energy tariff.

### Key Figures

<b>Project size:</b> <b>Tech type</b>	5 churches, ASHP, electric IR heating, EV charge points
<b>Energy Generation</b>	Solar PV
<b>CO2 savings</b>	Potentially 40 tonnes p.a.
<b>RCEF grant</b>	£38,800

### Further Notes

LEP area: Tees Valley Combined Authority

Link for further info:

[www.stmaryembsay.org.uk/churches-in-craven-carbon-neutral/](http://www.stmaryembsay.org.uk/churches-in-craven-carbon-neutral/)  
[www.youtube.com/watch?v=NIUvGEzBULk](https://www.youtube.com/watch?v=NIUvGEzBULk)

# A picture is worth a thousand words

- We are always on the look out for good images to help promote the benefits of community energy around the country.
- We would be delighted if you would share your favourite photo which captures the essence of your case study.
- Please ensure any image you choose is approved for use by Community Energy England and Community Energy South on websites and social media in the interests of spreading the word about community energy to a wider audience.

## Members of TCNCC with the Bishop of Ripon at our launch event, May 2021

