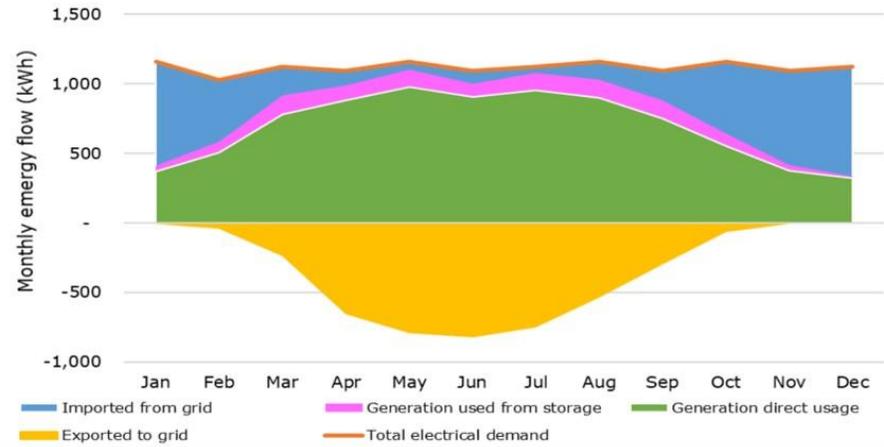


N&E Yorkshire Methodist Churches

RCEF Stage: 1



Key Facts

Number of Churches	36
PV Recommend	479 kWp
Low Carbon Heating	2.3MW
Community benefits	We are home to community groups; keeping energy costs down benefits all.

Key Figures

Tech type	Solar PV, Battery Storage, Air Source Heat Pumps, EV Charging
Local groups who call us home	230
Private finance leveraged	£349,000
CO2 savings	259 t on completion
RCEF grant	Stage 1 Humber: £37,167 Stage 1 Nidd: £35,675

The Story

North and East Yorkshire Methodist District covers over 200 Methodist Churches in a variety of settings (coastal, urban, rural) and a range of building types (largely 19th Century to modern day). We committed to Net Zero by 2040 based on expert analysis of our buildings and our activities. We then sought help from RCEF to assess the feasibility of renewable energy technologies in a sample of 36 churches to provide us with pathways to Net Zero. Solar PV and low carbon heating through air source heat pumps were the primary solutions, with battery storage and EV charging found to be suitable in several locations.

Challenges & Risks

The capital costs of implementing Net Zero using renewable technologies and low carbon heating initially seemed very high. But as energy prices rise and the impact of climate change becomes increasingly apparent, we are striving to progress as quickly as possible. Each church makes an individual journey deciding for itself which measures to implement and when, as and when funds allow.

Lessons Learned

People were pleased to engage with the project. With the uncertainties surrounding Covid, cost of living etc, this project instilled a sense of hope and opportunity; a positive move towards a greener future. We sought case studies of community buildings including churches with air-to-air air source heat pumps and EV charging points, but found they were few and far between. We look forward to that changing soon!

Further Notes

LEP area: North East and Yorkshire

<https://www.yorkshiremethodist.org/our-work/climate-change/>