# Community case studies: energy performance projects

**Organisation:** Monxton Parish Council
**Location**: Monxton & Amport Village Hall
**Ward:** Anna

## Challenge

The previous village hall, which was situated in Monxton, and was not fit for purpose for several reasons including:

- Leaking roof
- Black mould on the ceiling
- Kitchen not fit for purpose
- Hall was cold, dark and gloomy
- Boiler was oil fired and oil tank was leaking
- Losing money and customers

## Project overview

A new, more energy efficient village hall was built to be shared by both Amport and Monxton parishes.

It is an oak frame building. An air source heat pump was installed, rather than an oil-fired boiler, to reduce energy bills and the carbon footprint of the building. Solar panels were integrated into the roof, and a battery was installed.

## Funding

A range of funding sources were used for the construction of the village hall and its fit out, including some of the energy performance elements. Sources included:

- Monxton and Amport fundraising
- Community Infrastructure Levy
- Community Asset Fund
- Rural England Prosperity Fund
- SSE Low Carbon Technology Grant

Previous village hall


New village hall

## Impact

The new hall is a zero-carbon, solar powered community hub that provides an inviting space for the communities. In a power outage the solar PV and battery switches all power circuits in the hall to the battery, which has at least 1-2 days electricity stored and so the hall is totally resilient. The system has also minimised their power bills as they are able to download power at the cheapest rate over night and sell it back to the grid at peak times, 4-7pm, for a 50% profit.

## Where to find out more

You can find out more about Test Valley Borough Council's community grants at: https://www.testvalley.gov.uk/communityandleisure/communities/workingwithcommunities/communitygrants

Test Valley Borough Council