

Link To Energy

Cotswold Food Club

Stroud Valleys

Key Points

- 16% cut in electricity consumption achieved across the organisation.
- 30% cut in electricity consumption at the Old Fleece.
- 20% cut in electricity consumption at Fostons Ash.
- 12.5% cut in electricity consumption at the Britannia.

The Business

The Cotswold Food Club consists of three pubs and a hotel: The Old Fleece, Britannia, Fostons Ash and The Old Lodge.

All of the venues are stone built grade II listed with accommodation located above the pubs.

Severn Wye Energy Agency completed energy efficiency surveys of all of the sites in 2011. Reports and actions plans were provided. All venues have had a steady increase in popularity over the years and so even keeping to a zero increase in energy use could be considered a success.

In 2016 all the sites agreed to participate in 'The Energy Manager Project' to help identify further savings. Further surveys were carried out of each of the sites and a comparison was made between the 2010 and 2015 energy data.

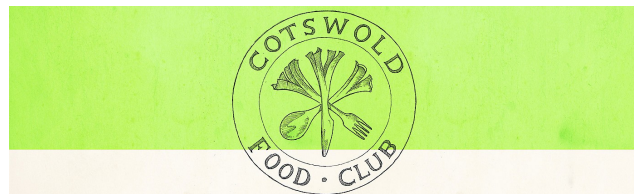
Results

Since the original surveys, the business has taken significant steps in reducing energy consumption. Predominantly this have been through a program of replacing halogen downlights with LEDs, but there has also been a replacement boiler and replacement of beer cellar cooling at the Old Fleece. Also the removal of multiple fridges of varying ages and the installation of well insulated chiller rooms across the sites.

Unsurprisingly the Old Fleece had the highest electricity reductions at 30% due to the



connecting with local tradespeople



combination of measures installed. Fostons Ash showed an impressive 20% reduction in both electricity and LPG consumption. The Britannia reduced electricity and gas consumption by 12.5 and 20 percent respectively and the Old Lodge kept fairly consistent with a 4% savings on gas and only a 0.5% saving on electricity consumption.

However it should be noted that the halogen replacements have not been fully completed at the Old Lodge. It is anticipated that once complete this will result in savings of a further 9 to 14% at this site.

The next phase of the lighting upgrades are the replacement of the candle shaped bulbs with dimmable LED filament bulbs (a technology not available a few years ago). This is due for completion in 2016 following the advice of the TEMP energy saving report. It is believed that this will cut electricity consumption across the organisation by a further 7 percent. This combined with the ongoing halogen replacements would result in an estimated annual saving of £4,500, with an anticipated return on investment of less a year.

If you are interested in LEDs then take a look at the installer or supplier section of the Link to Energy website:

www.linktoenergy.org.uk