

INSTALLATION PARTNER:



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## COMMERCIAL INSTALLATION

### Folly Farm, Pembrokeshire 2 x 500kW ETA Biomass Boiler

#### PROJECT:

As a highly popular visitor attraction Folly Farm has over 500,000 visitors per year, with it being judged as the “Best Day Out in Wales” for 2016. Folly farm was heating some of its indoor areas with electric and LPG gas, along with a number of hot water tanks heated with immersion heaters. The customer wanted a cheaper way to deliver more heat to enable their season to be extended throughout the year.

#### SOLUTION:

The installation was made to provide biomass heating and hot water, distributed from a central biomass boiler house containing two ETA boilers, through a system of district heating pipes into each of the enclosed buildings. As well as into some of the animal attractions. 35 fan coil and air curtain heaters, heat eight existing hot water tanks. Three heat exchangers were also installed to heat existing wet central heating systems. The heating not only keeps the visitors warm, but also keeps the giraffes and reptiles warm!

BOILER TYPE	2 x 500kW ETA HACK Boiler
FUEL TYPE	G50 M25-30 Wood Chip by PBE
FUEL SAVINGS	TBC
RHI REVENUE	£100,000 / year approx.
TOTAL RHI REVENUE	£2,000,000 / year approx.
PAYBACK TIME	6 years
CO <sub>2</sub> SAVINGS	140 tonnes / year