



# PBESCO

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**Scheme** Heating for Folly Farm Adventure Park and Zoo.  
[www.folly-farm.co.uk](http://www.folly-farm.co.uk)

<b>Boiler and plant</b>	Two 500kW ETA Hack wood chip boilers, each with 15,000 litre accumulator tanks.
<b>Fuel</b>	The boilers use wood chip for fuel and produce in excess of
<b>Chip storage</b>	The chip is ordered and delivered by PBE Ltd.
<b>Grant / Funding</b>	The project was self-funded and is accredited as a Renewable Heat Incentive installation.
<b>Savings / Investment</b>	Income from RHI substantially exceeds fuel costs, £90,000 Annually.

Commissioned

The two boilers were commissioned in March 2017.

## Project overview

Folly Farm Adventure Park and Zoo is a 120 acre attraction in West Wales which receives over 500,000 visitors annually. It has lots of buildings with entertainment for the whole family and homes for the 750 animals. They wanted an environmentally friendly, sustainable, and reliable heat source for their large animal park and zoo. We fitted two ETA 500kW woodchip boilers, to supply sufficient heat for their demand. The boiler installation was eligible for the commercial RHI tariff thus greatly improving the financial attractiveness of the scheme.



## System Design and installation

PBESCO Ltd designed the biomass system and layout. The boilers are housed in a separate building along with the fuel hoppers and accumulator tanks. PBESCO Ltd completed the fixtures and fittings, along with the pipework needed which was extensive as there are numerous buildings to heat. PBESCO Ltd continue to maintain and service the boilers along with supplying the woodchip for fuel.

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This year Folly Farm Adventure Park and Zoo has expanded into providing luxury lodge accommodation for guests. We have been fortunate enough to work with them on this project, supplying and installing an ETA 250kW Wood chip boiler to heat the first phase of lodges.

