

INSTALLATION PARTNER:



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COMMERCIAL INSTALLATION

Kingslakes, Devon 220kW ETA Biomass Boiler

PROJECT:

Kingslakes is a holiday park with a mixture of self catering cottages, lodges and camping areas. Previously the buildings were heated with a mixture of oil and LPG boilers installed in various buildings around the complex. As well as the mix of oil and LPG boilers a biomass boiler was installed in 2007, but it had no heat accumulation capacity, often running all night with low demand as there was no capacity to automatically shut boilers down and re-start.

SOLUTION:

IU Energy installed a brand new 220kW ETA Hack biomass boiler, housing modern controls and technology, along with the heat accumulators, huge efficiencies have been achieved. The holiday park are in the process of building a new club house, office and workshops which will also be heated by the same ETA biomass boiler.

BOILER TYPE	220kW ETA HACK Boiler
FUEL TYPE	Wood Chips
FUEL SAVINGS	£9500 / year
RHI REVENUE	£15,148 / year
TOTAL REVENUE	£24,648 / year
PAYBACK TIME	4.5 years
CO ₂ SAVINGS	Many tonnes / year

