

Investing in everybody's future



■ These wood pellets haven't been through the conveyor.

At the forefront of the renewable energy revolution, Norfolk-based **Green Home Energy Solutions** is investing in the next generation of environmentally friendly innovations - and in everybody's future.

From solar panels to heat pumps, the way we power and heat our homes and businesses is evolving.

Whether it's because of the impact of traditional fuels on the environment or simply wanting to save money on bills, people are starting to look at alternative, renewable energy solutions.

Solar panels are now a common sight on rooftops and farmland.

And biomass boilers are becoming



■ The Wood Pellet Delivery Company, based at Snetterton, uses German technology to deliver wood pellets for biomass boilers with a minimum of dust and debris which enables them to work more efficiently.

Pictures: CONTRIBUTED

an increasingly popular alternative to traditional oil or gas heating systems.

East Norfolk-based Green Home Energy Solutions is at the forefront of the renewable energy revolution.

Founded by established electrician Kerry Durrant in 2008, over the years the company has diversified from solar PV systems which generate electricity, into renewable heating, becoming a specialist in biomass boiler systems and carrying out domestic and

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commercial installations across East Anglia.

However as Kerry, who runs Green Home Energy Solutions with his wife, Debbie, candidly explains, biomass technology has had its teething problems - and the company has looked to the continent, where biomass boilers have been widely adopted, to find an answer.

“The problem we experienced from the start was the quality of the fuel,” says Kerry. “The pellets produced a lot of dust and would be contaminated with lumps of concrete and metal, which would cause boilers to malfunction. We were getting lots of maintenance call-outs and it was frustrating and inconvenient for our customers.”

Kerry's research led him to a German company, Antistaub, which specialises in antidust wood pellets, and earlier this year Green Home

■ Green Home Energy Solutions has become a certified TESLA home battery storage installer. The innovative system enables householders to live off the utility grid by charging, using electricity generated from solar panels to power their home in the evening.



■ Wood pellet fuelled biomass boilers are a cleaner alternative to oil.

“It's just in the set-up phase but the initial response has been tremendous and we're set to take delivery of a second lorry in the new year.”

Energy Solutions became the first company in the UK to become a partner in their Europe-wide distribution network.

Trading as The Wood Pellet Delivery Company, a storage depot has been established at Snetterton.

The facility is equipped with a conveyor system which processes the wood pellets and removes the debris and dust before it enters the specialist silo lorry. With a capacity to deliver between one and 20 tonnes at a time, they currently deliver to within two hours' drive time of Snetterton.

The pellets, are clean burning, are a compressed mixture of pine and larch and contain 10 times less sawdust, particles and fine contaminant once it's been through the conveyor.

Kerry says it's not just an investment in the company, but an investment in the future.



■ The Antidust wood pellet delivery lorry is the first to be used in England, and a second is due for delivery early in the new year.

Information

■ The Wood Pellet Delivery Company, 01493 800662.
www.greenhomeenergysolutions.co.uk