



Securing the future of a three-generation farming business

The Allen family – currently headed by the brothers Mr C S and Mr A R Allen – have been farming for three generations. Most recently, they have based their farming activities at Halves Farm. The farm is located near the historic town of Somersham, which lies just on the edge of the Cambridgeshire Fens, and approximately five miles from St Ives and ten miles from Huntingdon.

Against a backdrop of increasingly difficult circumstances for farmers across the UK, such as reduced government funding and increasing energy costs, the Allens decided that to secure their future as farmers, they needed to diversify beyond purely agricultural operations – hence the decision to install two EWT DW54-500kW wind turbines at Halves Farm.



EWT Halves Farm Case Study

The Allens have a range of arable farming activities at Halves Farm, including recently the growth, harvesting and sale of oil seed rape. However, the income from solely agricultural activities can vary immensely from year to year. As a result, the decision was made to introduce two small-medium scale turbines at the farm.

Installed in September 2015, the turbines represent a vital form of farm diversification, making best use of available land to harvest a free, readily available natural resource – the wind – in order to produce renewable energy. With a total installed capacity of 1MW, the turbines are capable of producing enough electricity to power in excess of 700 average UK homes.

The Allens' two EWT wind turbines help to offset Halves Farm's carbon footprint as well as providing a stable source of alternative income via the sale of the electricity to the local grid network, supporting their farming operations. As a result of the turbines' installation, Halves Farm is now able to operate in a more environmentally and financially sustainable manner, and the Allens can carry on their family's farming tradition, safe in the knowledge that their business' long term financial viability has been secured.

Benefits to the Company and Wider Community

- With a total installed capacity of 1MW, the two turbines are able to provide a reliable, renewable, and significant supply of electricity for the Allens' farming operations. Not only does this improve environmental performance, it also safeguards the business against future adverse circumstances, such as unpredictable energy prices and varying agricultural incomes.
- All generated electricity is sold to the local distribution network, supplementing the farming business with a reliable, alternative source of income.
- For each year the turbines are operational, on average between 1,130 and 2,685 tonnes of CO₂ are saved.
- Including the two turbines at Halves Farm, EWT have installed in excess of 100 500kW wind turbines at various sites across the UK, meaning that a major contribution has been made to meeting the UK's 15 per cent renewables target by 2020.



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