



CASE STUDY

Kilford Farm

Certas Energy helped revolutionise the way Kilford Farm - a dairy farm in North Wales - manage their energy and reduce their operating costs.

Discover the full story overleaf ►



AGRICULTURE

£10,000 annual savings for Kilford Farm

We designed and installed a 392-panel solar PV solution to meet the high energy demands of Kilford Farm. The panels generate more than half the power the 700-acre farm uses every day, saving over £10,000 a year in energy costs.



Background

Kilford Farm in Denbigh, North Wales, is a dairy farm with 370 Holstein cattle producing over 3 million litres of milk per year.

Due to the nature of dairy farming, which requires high energy use from milking machines and cooling tanks, their operating costs were becoming substantial.

Our Solution

Following thorough research and analysis, our team designed and delivered a 392-panel solar PV system that not only caters to the high energy demands of the farm but also seamlessly integrates with their existing systems.

The Results

With a bespoke solar PV system producing 80,000 kWh hours per year, the farm have noted their electricity costs more than halve and get money back from the feed-in tariff payments. The staff are delighted with the solution and require no maintenance.



392
solar panels



£10,000
annual savings



80,000 kWh
annual output



“We’ve more than halved our monthly energy bills, and we get money back from the Feed-In Tariff – over £5000 a year. Plus, we have a reliable source of renewable energy”

Dafydd Evans
Co-owner, Kilford Farm