



Oliver Cunninghams Dairy Farm

The Challenge

Oliver Cunningham is the proud owner of 75 British Friesian dairy cows in Killeedy, not too far from Newcastle West in Co. Limerick. Oliver operates an 8 unit milking parlour that relies on the highest level of hygiene to keep the Total Bacteria Count (TBC) consistently low.

As well as the herringbone milking parlour to keep clean, milk from the 6500L storage tank is collected every three days and has to be cleaned promptly afterwards to prevent bacteria from forming. Unfortunately, Oliver's electrical system was taking over an hour to heat the water and barely reaching the desired temperature.

The Flogas Solution

Oliver had already experienced the advantages of a gas-powered heating system when his local community centre in Raheenagh switched from oil to Flogas as its oil burner became increasingly inefficient. Oil had also been stolen from the Centre's tank on several occasions.

Oliver got in contact with Mike Murphy, the local Flogas Sales Representative, who visited the farm with Registered Gas Installer Brendan Martin to review his situation and discuss the benefits of the Flogas Dairy water heating system. The installation of a 56kW Andrews FASTflo heater, with the capacity to produce up to 15 litres of hot water a minute, powered by a Flogas LPG bulk tank sited nearby,

was recommended. Plus, an easy to use temperature controller allowed the water to be heated from anywhere between 37°C to 80°C. In addition, the heater's auto-ignition system would enable Oliver to eliminate completely the hot water storage and re-heating costs that were such an issue with his previous system.

The Seamless Conversion

Once Oliver gave the go-ahead, Brendan Martin began installing the Andrews FASTflo heater and a 0.5 tonne Flogas tank. Both jobs were completed in less than a day without

causing any disruption to the farm. Oliver now has an instant hot water heating system that ensures the correct hot water temperatures are used in every aspect of his cleaning and the wall-mounted controller allows him to monitor the temperature of the water precisely, ideal for use in the calving season.

Flexible Agri-Energy Solutions

Not only has Oliver's local community hall in Raheenagh seen the advantages of Flogas, but Oliver's brother also has a Flogas' heating system on his 60,000 poultry farm.



**“ When the cows are in the parlour
I can quickly choose a suitable
temperature to wash them before
the milking and there is no waiting
around for the water to heat up”**

**Precise temperatures
– ideal for mixing the
milk powder for calves**



On demand hot
water FAST – **105
Litres of hot water**
in just 7 mins with 1
FASTflo unit

Increased Control over
water temperatures
– from **37°C to 80°C**
via an easy-to-use
wall control

**Increased
efficiency** and
significantly **reduced
running costs** with
no water storage costs
throughout the day
and night

**Reduced Carbon
Footprint** and full
control in a current
climate of high waste
water charges



“The best feature of the system is that you have hot water at the flick of a switch 24/7 and you can set it at whatever temperature you like.”

Oliver Cunningham

Contact Flogas for free site visit

To quote the savings that will be made (Energy Survey)

To carry out tank location assessment

To draw up a proposal and pricing

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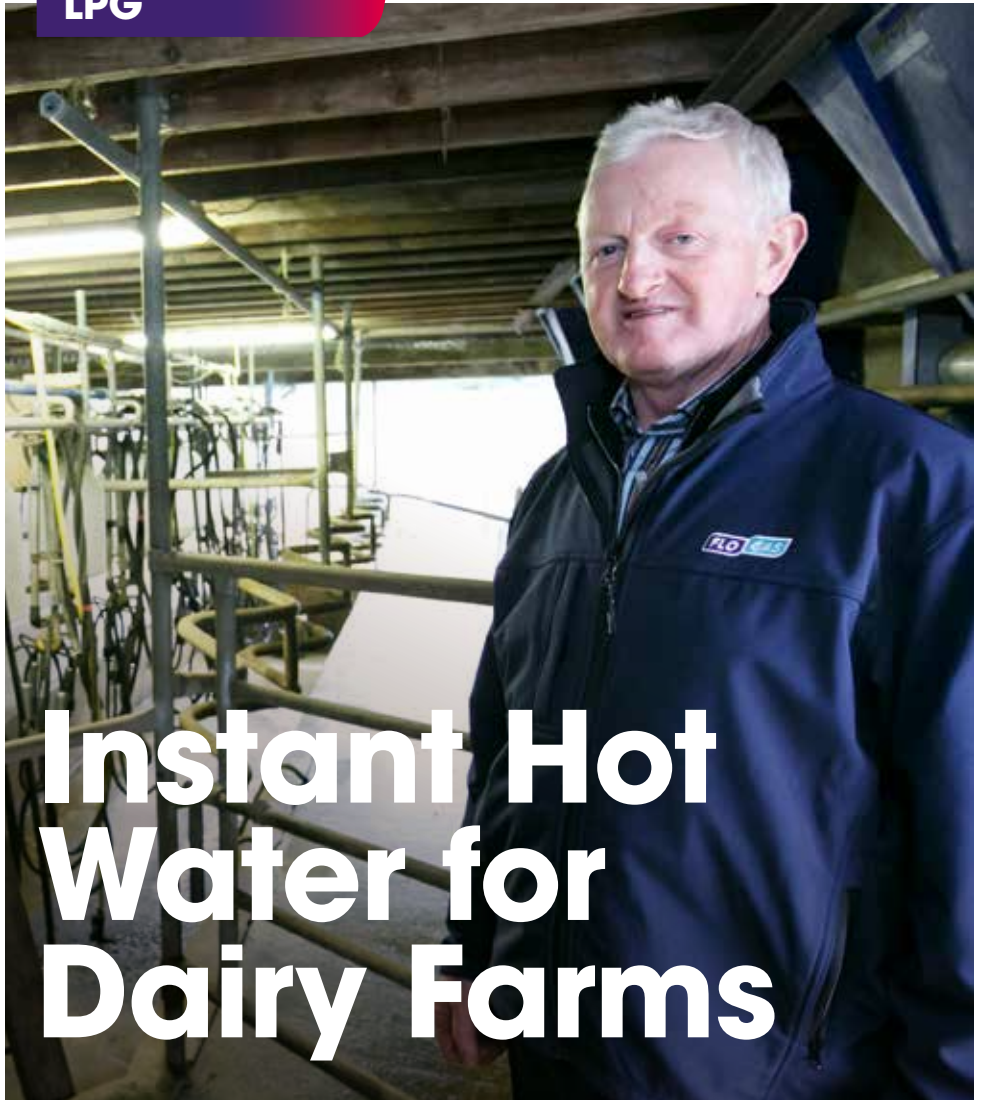
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FlogasIreland

LPG



Instant Hot Water for Dairy Farms

Oliver Cunningham
Dairy Farm

Wherever you are

