

An Operators Story of Managing a Farm
Based Anaerobic Digestion Plant Processing
Cow Slurry and Grass Silage

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Greenville Dairies

- 600 Dairy Cows
- Intensive feed system
- High yielders housed & 3 times milking
- 50 Cow rotary parlour installed 4 years
- Fertiliser costs increasing
- Energy costs increasing
- Researching AD for long time

Reasons for Selecting AD

- Offset cost of storing slurry in closed period
- Reduce fertiliser costs
- Reduce electricity costs
- Increase farm revenue from electricity sales
- Increase farm sustainability through diversification

Barriers to Entry

- Economies of Scale
- Planning
- Grid connection
- Finance
- Available land
- Reliable system providers for Grass Silage

AD System Selection

- Established local service & support
- Bespoke system for NI
- Experience in process control, instrumentation & monitoring
- Not reliant solely on AD market
- UK contracts & HSE
- Availability Guarantee

Advice to others

- Do your research
- Beware the sales talk
- Select a reliable system provider
- Who are you actually buying the system from? Is it a franchisee? What is their background?
- What does your quote include? Storage?
- Is it designed for your feedstock?
- Warranty, service, support – for how long?
- UK contracts, HSE & Environmental regs



Questions