



## Daritech continues to bring the latest technology to the dairy industry!



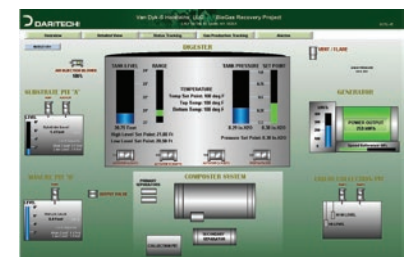
Daritech Complete Mix Digester. Cost efficient design is affordable to build, with low operating and maintenance costs. Agitation and biological H<sub>2</sub>S removal inside the tank keep things simple. Ability to manage sand in the tank for desert applications.



Complete dryer and carbon filter as secondary gas conditioning ensures long engine life and low maintenance costs.



State of the art, high efficiency 2G-Cenergy CHP unit for electrical generation and heat recovery. Extended intervals between oil changes and other maintenance items keep costs low and maximize runtime.



Daritech's own PLC control system for complete control of operations. Remote access allows for observation and control from anywhere.

# A 21st Century Digester

*Designed for Western Dairymen!*

**Anaerobic digestion** is a naturally occurring process that man has been harnessing and using as a fuel source all the way back to ancient times. Today, the biology remains the same, but modern enhancements and new technologies have made it a viable source of renewable energy, and a new source of profit for the dairyman.

- Proven Design
- Low Maintenance
- Scalable (50-50,000 cows)
- Very Little Manpower Required
- Low Parasitic Load
- Backed by DariTech's Service and Support
- Industry Leading Generators: 2G
  - o Highest Efficiency
    - Higher efficiency than other units
  - o 2,000 Hour Oil Changes
  - o 30,000 Hour Top End Overhaul
  - o 60,000 Hour Major Overhaul
  - o Resulting in 50% Reduction in Maintenance
- Stable and Robust Biological System



## Cost

Based on industry proven technology, Daritech has developed a digester design that is simple, reliable, but most importantly, cost effective. This design brings the cost of a project down from industry standard \$2,000 to \$5,000 per cow, to a more viable cost where most applications range from \$750 to \$2,000.

## What Is Your Goal

There are many ways to look at the financial impact a digester will have on your dairy. For instance, one dairyman may be looking for a standalone profit center. By adding off-site substrate to their digester, they can easily double their gas production and significantly improve the projects profitability. A different dairyman may look at a digester as merely a tool to allow more cows to be milked on the same amount of acreage. He plans to bring added revenue to his dairy by milking more cows.



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