

"With the changes in technology that have happened, we felt it was the right time to take this project on," says Travis Fogler, who runs the dairy operation at Stonyvale Farm.

The farm formed a spinoff company, Exeter Agri-Energy, which secured funding from Efficiency Maine, the Farm Credit of Maine and the U.S. Department of Agriculture. Exeter Agri-Energy runs the anerobic digesters. A second firm, Biogas Energy Partners, handles all the business activites.

The project generates enough heat to replace 700 gallons of heating oil a day. It also produces enough electricity daily to heat 800 homes. Power is sold to the grid and then routed back to the farm. And Fogler says the project has helped save the farm money in other ways too.

"After the manure has been processed in the digester, we run it through a separator to separate the solids out of the end product," Fogler says. "And that solids we are able to use as bedding for the cows. So it's reduced our bedding cost."

Reduced them by a about \$80,000 a year. Walt Whitcomb, Maine's Agriculture Commissioner and a dairy farmer himself, says the technology holds more promise than other renewable energy alternatives, for one simple reason: "It's not like the wind. It doesn't stop and start. These cows never stop," he says.

More than a hundred similar experiments are going on in other states around the country including Vermont, New York and California. Anerobic Digestion is much farther along in Europe.

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