



South Fork Dairy Churns with Efficiency

Cows and humans alike reap energy-saving rewards

Evan Barton, owner of South Fork Dairy, made the most of the AEP Ohio Agricultural Program when considering what equipment to install in his new cross-ventilated freestall. With the help of incentives earned through the program, Evan installed energy-efficient equipment that reduce his monthly costs and provide a comfortable environment for his cows.

“AEP Ohio was extremely helpful in determining what energy-efficient improvements would work best for my facilities,” said Barton. Following a comprehensive evaluation of the freestall, Barton installed 125-watt high-bay LED lights that significantly reduced the dairy’s total wattage and maintenance.

Barton’s new freestall required over 150 exhaust fans to keep the cows cool during warm weather. By installing fans and a master controller that qualified for the AEP Ohio Agricultural Program, he was also able to earn cash incentives for other equipment upgrades, like variable speed manure pumps.

The speed of the pumps adjusts depending on the water height in the dairy’s lagoon and tanks, saving energy and money.

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— Evan Barton
Owner
South Fork Dairy

Project brief:

Upgrades

- LED lighting
- High-efficiency fans & controller
- VSD manure pumps

Annual energy savings:

\$4,772

Incentives paid:

\$2,512

Note: The annual energy savings are calculated using an electric rate of \$0.08 per kilowatt hour (kWh).



South Fork Dairy's high-efficiency exhaust fans help keep the cows more comfortable



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