

# Energy Efficiency Savings for Dairy Farms

For dairy operations, efficient equipment does more than reduce energy costs. It can benefit herd health, increase milk quality, keep the barn comfortable, and ultimately boost revenue.

## NEW Enhanced Incentive Offers

### ✓ Plate Coolers: \$3,000 per unit

- Pre-cool your milk with a double or triple pass plate cooler to reduce milk cooling energy requirements and prolong refrigeration equipment lifespan
- A medium-sized dairy farm could save \$4,000 annually in electricity costs
- Payback period ranges from 1-3 years

### ✓ Ventilation:

Eligibility requirements apply. Up to 15 fans are eligible for these increased incentives. Regular incentives apply for additional fans.

#### Panel or circulation fans

- High efficiency fans: \$200 per fan
- High efficiency fans with VFDs: \$500 per fan
- Variable frequency drives (VFDs): \$300 per fan horsepower

#### Exhaust or thru-the-wall fans

- High efficiency fans: Up to \$275 per fan plus \$50 bonus
- High efficiency fans with VFDs: Up to \$600 per fan plus \$50 bonus
- Upgrade your barn cooling system to reduce fan energy costs, improve herd comfort & health and keep the barn comfortable for farmers
- A medium-sized dairy farm could save up to \$9,500 per year in electricity costs
- Payback period ranges from 0-4 years

### ✓ Heat Recovery Units: \$1,875 per unit

- Pre-heat your wash cycle water with a compressor heat recovery unit (freheater) to reduce the fuel or electricity costs associated with water heating
- A medium-sized dairy farm could save \$800 per year in energy costs
- Payback period ranges from 2-4 years



## Other ways to save

- Upgrade to a high efficiency milk cooling system
- Improve your milk storage capacity
- Install a VFD on your milk vacuum pump
- Upgrade to LED lighting
- Incorporate a variable speed solids separator
- Add a misting system to your barn cooling scheme
- Install a water cistern

## Get started today

Pair with Business Energy Loan for no upfront cost

- Take advantage of low 3.5-5.5% interest rates for 3-10 year loans
- For a limited time, your first 4 payments are deferred; 5th payment is interest only

Contact us to discuss your project:

**1-855-317-2254**

Rebate offers subject to change.

**Start Date: June 1, 2020**

Energy efficiency can be used to build a more resilient and sustainable dairy industry, both at the farm and dairy processing level. Efficiency Vermont is here to help farmers find the best solutions, that balance profitability and efficiency.