

# TOP 5 WAYS TO SAVE ENERGY ON YOUR DAIRY & LIVESTOCK FARM

When you're in for energy efficiency, Wisconsin is in for keeping dollars in state. Try any of these top five energy-efficient opportunities from FOCUS ON ENERGY® to save money on your utility bills for years to come.



## High-efficiency lighting

- Choosing LED lamps and fixtures with higher lumens may allow you to install fewer lights.
- Not all LEDs are created equal – select fixtures certified by DesignLights Consortium (DLC) or ENERGY STAR®.



## Refrigeration system tune-up

- Keep your refrigeration systems running at peak performance to extend the life of the equipment.
- Routine maintenance can reduce the likelihood of emergency service calls in the future.



## Refrigeration heat recovery systems

- Reduce energy costs associated with heating water by capturing heat rejected from refrigeration systems.
- Meet up to 50% of water heating requirements while increasing the efficiency of the heat-exchanger.<sup>1</sup>



## Variable frequency drives (VFDs)

- Gain greater operational flexibility by installing VFDs on your farm's milking equipment pumps, fans and second-use water systems.
- Achieve up to a 60% reduction in energy use by matching the operational speed of your electrical motors.<sup>2</sup>



## Ventilation and circulation fans

- Replace your fans with high efficiency models.
- Install a model on the Qualifying Product List to ensure minimum efficiency and quality standards are met. Visit [focusenergy.com/qpls](https://focusenergy.com/qpls) for a list of eligible models.

## Get started:

1. Contact your Energy Advisor at **888.623.2146** or visit [focusenergy.com/EA-Map](https://focusenergy.com/EA-Map).
2. Review your facility's opportunities with your Energy Advisor.
3. Complete your energy efficiency upgrades.
4. Submit your application to your Energy Advisor within 60 days of project completion and receive your incentive check!

<sup>1</sup>Water Heating. (n.d.). Retrieved May 24, 2020, from <https://fyi.extension.wisc.edu/energy/dairy-farms/water-heating/>

<sup>2</sup>Farm-Energy. (2019, April 12). Energy Efficiency of Electric Motors on the Farm. Retrieved May 23, 2020, from <https://farm-energy.extension.org/energy-efficiency-of-electric-motors-on-the-farm/>

## REDUCING ENERGY WASTE ACROSS WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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