



# Upgrade to Efficiency

## Energy Conservation for Dairies

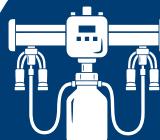
There are many opportunities for dairy farms to be more energy efficient, upgrading important infrastructure and reducing operating expense. Your utility offers incentives/ rebates for your dairy's energy efficiency projects.



Freeze Resistant Water Tanks



Cow Cooling Fans



Milking Vacuum Pump VFD



Upgrade Dairy Parlor Lighting



Milk Pre-Cooler Heat Exchange

Contact us to learn how you may be eligible for incentives to increase energy conservation in the following areas:



### Thermostatically Controlled Outlets

Uses less electricity by thermostatically controlling your electric heating equipment to maintain the pump house's temperature above freezing.

### ENERGY CONSERVATION OPPORTUNITIES

Ease of install

Total Savings



### Lighting Upgrades and Lighting Controls

Uses less electricity while providing better lighting, improving on worker safety, productivity and work quality.



### Freeze Resistant Stock Water Tanks

Uses no electricity while keeping water temperatures above freezing so livestock have a source of fresh water.



**WE'RE HERE TO HELP!**  
For additional information  
call (555) 555-5555  
or visit [www.yourutility.com](http://www.yourutility.com)

Moo-re on the following page!



# Tips for Reducing Energy Use



## Variable Frequency Drive (VFD) Controlled Cooling Fans

Speed of the cooling fan air flow is temperature and humidity controlled, using less electricity and providing just the right amount of cooling to the dairy cows.



## Milking Vacuum Pump VFDs

Uses less electricity by adjusting the existing vacuum pump to match the needed output of the milking system.



## Compressed-Air System VFDs

Air compressors can slow down, wasting less energy while delivering the required airflow.



## Plate Cooler Heat Exchanger Upgrades

Reduces electricity used by the chilled water system to lower the milk temperature.

### ENERGY CONSERVATION OPPORTUNITIES

Ease of install



Total Savings



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