



Farmers Electric Cooperative

A Touchstone Energy® Cooperative 

Dairy Equipment Incentives

PLEASE PRINT: Complete ALL Sections and sign form to ensure proper and prompt payment of rebate.

CUSTOMER INFORMATION				
Company		Account Number		Date
Facility Address		City	State	Zip
Mailing Address		City	State	Zip
First Name (contact person)	Last Name	Phone	E-mail Address	

EQUIPMENT INFORMATION

CHECK ONE: Replacement of Existing Equipment New Equipment in Existing Facility New Construction

DATE INSTALLED

Please enter all information below including the total installed costs for all equipment installed as part of the system for which a rebate is being requested.

	Milk Pre-Cooler	Refrigerant Heat Reclaimer (must be connected to electric water heater)	Scroll Compressor (Only for Replacement of Reciprocating Compressor)	Variable Speed Vacuum Pump
Brand				
Model Number				
Installed Price				
Annual Operation Hours				
Power Input (Watts)				
Number of Units	(cows) ¹	(cows)	(units)	(Controlled Horsepower) ²
Rebate per unit	x \$3 per cow	x \$4 per cow	x \$250 /unit	x \$40 /horsepower
REBATE				

¹Number of cows currently being milked that are served by this equipment. Round Up to Nearest 25.

²Horsepower rated at full load for pumping equipment controlled.

TOTAL REBATE: _____

*NOTE: Maximum rebate per facility is \$2000 per year for each technology.
Rebate not to exceed installed cost.*

Attach invoice or receipts and manufacturer's spec sheets.

CUSTOMER AND VENDOR AGREEMENT

By signing below, system designer/vendor and customer agree to the Terms and Conditions (see back or separate page) for this program.

Customer Name/Title		Contractor/Vendor Name/Title	
Customer Signature (Required)	Date	Contractor/Vendor Signature	Date

Office Use Only: Form A1 1/10	Cooperative ID	Inspection Required Yes No	Notes:	Authorized Amt.
	Employee/Rep. Name			

Terms and Conditions—Dairy Equipment Program

Program Offer: The Program covers products purchased and/or services rendered on or after January 1, 2010.

General Requirements:

1. The member must provide proof of purchase to the cooperative.
2. The National Electric Code should be followed for all applicable wiring and grounding.
3. Dairy Pre-coolers:
 - Heat exchangers should have a filter to avoid rapid clogging of the pre-cooler.
 - The number of cows currently providing milk processed by this equipment shall define the number of cows used to calculate the incentive
4. Refrigerant Heat Reclaimers:
 - Facility must only use electric water heaters to be eligible for compressor refrigerant heat reclaimer incentives
 - The number of cows currently providing milk processed by this equipment shall define the number of cows used to calculate the incentive
4. Scroll Compressors: Must replace an existing reciprocating compressor for milk cooling system.
5. Variable Speed Vacuum Pumps:
 - Rebate is based on the controlled horsepower output of pump at rated full load.
 - Must meet applicable IEEE standards for harmonics control. The ASD must have either an input line reactor or isolation transformer.
 - It is recommended that a 3% impedance reactor, based on the horsepower rating of the ASD, be installed.

Design Recommendations:

Dairy Pre-Coolers

- The plate exchangers should be of a flexible design so that plates may be added or subtracted to give the desired heat exchange capacity.
- When properly installed the plate cooler should wash in place with the rest of the milking system, requiring no additional cleaning procedures.
- To conserve water, a water bypass should be installed on the plate exchanger. The valve should operate with the milk pump allowing maximum water flow through the exchanger when milk is being pumped, but only a small trickle when the milk pump shuts down.
- The water outlet can use an electromagnetic valve to avoid wasting chilled water.

Suggested Features of Pre-cooler Plates

- High grade type 304 stainless steel plates and all fittings of type 303 and 304 stainless steel
- Nitrile rubber gasket resistant to oil and fats
- Completely closed system for maximum hygiene and product protection
- Easy maintenance and inspection without disassembly

Application and Eligibility Process

The Cooperative reserves the right to verify sales transactions and to have reasonable access to the member's facility to inspect pre-existing equipment (if applicable) and the Energy-Efficient Measures installed under this Program, either prior to issuing incentives or at a later time.

An invoice is required and must include specific member information, including, but not limited to the type, size, make and model, serial number and date of purchase of Energy-Efficient Measures. An authorized representative of the Participating Member must sign, date, and submit the application with the invoice and the manufacturer's equipment performance sheets.

The Participating Member must ultimately own the equipment, either through an up-front purchase or at the end of a short-term lease. Equipment procured by members through another program offered by the Cooperative may not be eligible for a rebate through this Program.

Warranty Information:

The Cooperative makes no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. The Cooperative does not guarantee that a certain level of energy or cost savings will result from the use of products covered by this program.

Limitation of Liability:

Participating Members agree that the Cooperative's liability, in connection with this Program, is limited to paying the Program Incentive specified (when all Terms and Conditions have been satisfied by the member). Under no circumstances shall the Cooperative be liable for any consequential or incidental damages resulting from participation in this Program. The Cooperative will not be responsible for any tax liability that may be imposed on the member as a result of the payment of Program Incentives.

Participating Member's Certification:

Participating Member certifies that he/she purchased and installed the equipment listed in their application at their defined location served by the Cooperative. Participating Member agrees that all information is true and that he/she has conformed to all of the program and equipment requirements listed in the application.

Program Changes/Termination:

While this rebate program will be in effect for an indefinite period, the Cooperative reserves the right to extend, modify (this includes incentive levels) or terminate this Program without prior or further notice. The member is responsible for checking with the Cooperative to determine whether the program has been changed or is still in effect.

Other Conditions

The Cooperative reserves the right to inspect installations before issuing the rebate. If the application does not comply with the Cooperative's rules and qualifications, the rebate amount may be adjusted.

Members must apply for rebates within 6 months of the purchase date (as shown on the member's invoice). Past eligibility, however, does not guarantee that equipment will meet criteria for current programs in effect.

PLEASE SIGN BELOW IF THIS PAGE WAS NOT PRINTED ON BACK SIDE OF INCENTIVE FORM

Vendor/Installing Contractor Signature

Date

Member Signature

Date