



**Dairy Plate Cooler (Well-Water Pre-Cooler)
2011 Rebate Application**

Agralite Electric Cooperative, 320 E. Highway 12, Benson, MN 56215, Ph: (320) 843-4150

Business Member Information

Company name _____
Billing address _____ **Phone** _____

City _____ **State** _____ **Zip** _____
Installation address _____
(if different from above) _____
Account number _____
Contact name _____ **Phone** _____
Email _____

Vendor Information

Vendor name _____
Vendor address _____
City, State, ZIP _____
Vendor Contact Name _____ **Phone** _____
Email _____

The undersigned does hereby certify that 1) The undersigned, and not the cooperative, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Dairy Plate Cooler Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on the cooperative for the work performed and information presented by the member's engineer, contractor or vendor. Agralite Electric Cooperative will be referred to hereafter in this application as "the cooperative".

Member signature _____ **Date** _____

How to Apply for This Rebate

1. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note all warranty information, rules, and qualifications on the rules and information tabs of this form.
2. Complete and sign rebate forms. Mail or fax pages to Agralite Electric Cooperative.
3. Call with questions.

Application # _____

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Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by the cooperative. The cooperative shall not be responsible or liable for any personal injury or property damage caused by this equipment. The cooperative does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall the cooperative be liable for any incidental or consequential damages.

Other Important Program Rules

1. Evaluation must be complete before funds will be issued for the rebate.
2. Members and vendors must submit itemized equipment invoices, along with rebate application and worksheet, to the cooperative. To ensure that the equipment installed meets the cooperative's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. The cooperative reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with the cooperative to determine whether funding is available and to verify program parameters.
5. Rebate must comply with all program specific rules and qualifications.
6. Qualifying members must apply for 2011 rebates no later than November 30, 2011.
7. The maximum rebate amount shall be the lesser of 50 percent of the project cost or \$100,000.

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Existing System Description (N)

Describe the existing system in terms of demand and energy requirements, efficiency, operating hours and the number of units being replaced. This data may be supplied in terms of production. Include supporting documentation and specifications as attachments as required.

Cows milked/day:	0	
lbs. milk/cow/day:	0	
Well water temperature:	47	
Milking hours/day:	0	
Compressor HP:	0	

Standard bulk tank milk cooler -	0	
Compressor kW		
0.0		

Project Type (E)	Maximum Demand (kW)	Summer Coincidental Demand (kW)	Annual Energy (kWh)
Standard refrigerated bulk tank cooler	Total -	-	-

New System Description (N)

Describe the new system in terms of demand and energy requirements, efficiency, operating hours and the number of units being replaced. This data may be supplied in terms of production. Include supporting documentation and specifications as attachments as required.

Install well water pre-cooler (plate cooler) that reduces energy required for cooling milk

New milk cooling energy:	-	kWh/yr
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Estimated (1) kW demand reduction as a result of shortened compressor run time

Project Type (N)	Maximum Demand (kW)	Summer Coincidental Demand (kW)	Annual Energy (kWh)
Dairy Well Water Pre-Cooler	Total (1.00)	(1.00)	-

Estimated Project Savings:	-	-	-
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Worksheet Instructions: Enter required data in shaded area only.

Environmental Assurances

Describe how hazardous wastes which may result from this project will be handled:

Power Quality

Does the project meet power quality requirements:

Power Factor: yes / no

Harmonic Distortion: yes / no

If "yes" in either case, the cooperative should have a copy of the specification sheets on file at their office.

Removed Equipment

Describe how removed equipment will be made inoperable.

Trade Allies (contractor or supplier performing the work)

Name			
Address			
City, State, ZIP		Phone	

Demand & Energy Savings Calculations

Summer Coincidental Demand Savings:	kW(E) - kW(N) =	-	kW	
Average Demand Savings:	kW(E) - kW(N) =	-	kW	
Average Annual Energy Savings:	kWh(E) - kWh(N) =	-	kWh	

Estimated Annual Demand Savings:

- kW		/ kW	x	=	\$ -
	Demand Rate - \$/kW			Months	
- kW		\$ -	/ kW	x	=
	Demand Rate - \$/kW			Months	\$ -

(Second line - two tier or seasonal rates)

Total Demand Cost Savings \$ -

Estimated Annual Energy Savings:

- kWh/month		/ kWh	x	=	\$ -
	Annual kWh / 12			Months	
- kWh/month		\$ -	/ kWh	x	=
	Annual kWh / 12			Months	\$ -

(Second line - two tier or seasonal rates)

Total Energy Cost Savings \$ -

Estimated Total Savings: \$ -

(Enter required data in shaded area only)

Enter Total Project Cost:	\$ -	<i>(Incremental Cost: Standard vs. High Efficient)</i>
Enter Requested Rebate Amount:	\$ -	<i>(Maximum rebate amount shall be the lesser of 50% of the project cost or \$100,000 [\$150,000 for retrofit projects with prior approval].)</i>
Benefit Cost Ratio:		<i>(Must be ≥ 2.00 - Increase BCR to meet all criteria)</i>
After Rebate Project Cost:	\$ -	
Simple Payback After Rebate (yrs)		<i>(SPB Must > 1 yr.)</i>