

Agricultural Rebate



2024 Rebate Application

14601 Ramsey Blvd NW
 Ramsey, MN 55303
 connexusenergy.com
 businessaccounts@connexusenergy.com
 763.323.2600

Business Member Information

Company name _____ Date submitted _____
 Mailing address _____ City _____ State _____ ZIP _____
 Installation address (if different) _____ City _____ State _____ ZIP _____
 Account number _____
 Contact name (print) _____ Phone _____
 E-mail _____

Installer Information

Installer name _____ Installer contact name _____
 Installer address _____ City _____ State _____ ZIP _____
 Phone _____ Fax _____
 E-mail _____

The undersigned does hereby certify that 1) The undersigned, and not Connexus Energy, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Agricultural 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 Connexus Energy for the work performed and information presented by the member's engineer, contractor or vendor.

I verify the information on this application is correct and request consideration for participation in this program.

Member signature _____ Date _____

Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by Connexus Energy. Connexus Energy shall not be responsible or liable for any personal injury or property damage caused by this equipment. Connexus Energy 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 Connexus Energy be liable for any incidental or consequential damages.

Rebate Application Process and Program Rules

1. Pre-approval is required for all prescriptive rebates over \$2,500 and ALL custom rebates.
 - Information required for pre-approval includes: detailed project scope, estimated energy savings or additional usage in kWh and kW, manufacturer's specifications, estimated project completion date and estimated equipment costs.
 - If changes to project scope will impact your estimated rebate, please notify Connexus Energy immediately to update your pre-approval.
2. The member is responsible for checking with Connexus Energy, prior to project start, to determine if project qualifies, and to verify availability of funds.
3. Project must comply with all program Specific Rules and Qualifications (varies by rebate type).
4. Installation must be complete before final rebate application and required supporting documentation is submitted to Connexus Energy. Supporting documentation includes:
 - Itemized equipment invoices (detailing line item quantity, price, and model number).
 - Manufacturers' equipment specifications (cut sheets).
5. Rebates are capped at 50% of the invoiced equipment cost or the prescriptive/custom rebate, whichever is less.
6. The maximum annual rebate per member, for all projects, is \$30,000.
7. Rebate checks will be made payable to the Connexus Energy account holder named on the application (not to contractors).
8. Connexus Energy rebates are offered on a first-come, first-paid basis, pending fund availability, and are subject to change. Check website for current application forms.
9. Connexus Energy reserves the right to conduct inspections of all rebated installations.
10. Email completed application packet, along with the account holder's W-9 tax identification form, to businessaccounts@connexusenergy.com, OR mail to Connexus Energy (c/o Business Accounts), 14601 Ramsey Blvd., Ramsey, MN 55303, no later than December 13, 2024.

Your submitted application **MUST** include:

- Completely filled out and signed rebate application form(s).
- Itemized equipment invoices.
- Equipment specifications (cut sheets).
- Account holder's W-9 tax ID form.

Specific Rules and Qualifications

Connexus Energy offers prescriptive and custom rebates to members for the installation of efficient equipment.

Prescriptive rebates are available for, but not limited to:

- Engine block heater timer
- Hog farrowing heated mats
- Irrigation VFD
- LED lighting
- Livestock waterer
- Ventilation fans

Rebate Overview

Equipment Type	Rebate Amount
Engine Block Heater Timer	\$5/timer
Hog Farrowing Heated Mats	\$50/crate (existing retrofit) \$30/crate (new construction)
Irrigation VFD	\$10/HP
LED Lighting	Refer to LED Lighting Rebate Application
Livestock Waterer	\$75/Waterer
Ventilation Fan	\$15/Exhaust fan \$25/Circulating fan \$400/High volume/ low speed (HVLS)

Additional 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 Connexus Energy. To ensure that the equipment installed meets Connexus Energy'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.
3. Rebates must be applied for within 12 months of invoice date.
4. Connexus Energy reserves the right to conduct random inspections of installations.
5. Project must comply with all program specific rules and qualifications.
6. The member is responsible for checking with Connexus Energy to determine funding availability and to verify program parameters.

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.

Agricultural Ventilation

Exhaust Fans \$15/each				
Fan Size (in.)	Min CFM/watt req.	Actual CFM/watt	Quantity	Rebate

*Actual CFM/watt > minimum CFM/watt (found on "Rules & Information" tab)

Circulation Fans \$25/each				
Fan Size (in.)	Min CFM/watt req.	Actual CFM/watt	Quantity	Rebate

High Volume, Low Speed (HVLS) Fans \$400/each				
Old Fan Size (in.)	Old Quantity	HVLS Fan Size	New Quantity	Rebate

Rebate Information

Project Cost	\$
Rebate	\$

Minimum Efficiencies

Circulation Fans – generally used to regulate airflow and temperature. As the diameter of fan increases, so should the efficiency. These fans work best in free stall barns with two, four, or six rows and are generally located in 30-40 foot intervals over the feed alley and free stall area.

Exhaust Fans – generally used for ventilation. To achieve cross ventilation, fans are installed on one wall to pull air from one side of the barn to the other. Exhaust fans also can be designed for tunnel ventilation where fans are installed on one end of the barn and move air across to the rest of the barn. generally thermostatically controlled to turn on banks of fans when the temperature hits the set point. Exhaust fans should be installed away from prevailing winds. Similar with circulation fans, when exhaust fan diameter increases, efficiency should also increase.

High-Volume, Low-Speed (HVLS) – these fans move large volumes of air over a large area. They are available in a range of sizes, typically from starting around four feet and ranging up to 24 feet in diameter. Energy savings is achieved through use of fewer fans to move the same CFM with a more efficient design.

Exhaust	CFM/watt
16-23 in.	10.5
24-35 in.	11.5
36-47 in.	15.5
48-51 in.	20.2
52-59 in.	20.8
60-72 in.	21.1

Circulation	CFM/watt
24-35 in.	11.9
36-47 in.	15.5
48-64 in.	17.7

Panel, box, and cage fans static pressure 0.10

HVLS

HVLS fans should be fewer in quantity than the old fans

Through the wass & tunnel ventilation static pressure 0.10

Hog Farrowing Mats

For the new construction barn using electric hog farrowing heated mats or replacement of heat lamps with heated mats with automated climate controls in an existing barn. Using heat mats significantly reduces heat lost to ambient air by providing direct heat transfer to the piglets. Replacement of heat mat to heat mat does not qualify for this rebate.

Equipment Information

- Existing barn retrofit
Rebate: \$50/crate
- New construction barn
Rebate: \$30/crate

Existing Lamp Information

(if retrofitting existing barn)

	Lamp Watts	Quantity
Type 1		
Type 2		
Type 3		
Example	175	60

Mat Information

(required for both retrofit and new construction)

	Mat Watts	Quantity
Type 1		
Type 2		
Type 3		

Total number of crates	
Rebate Information	
Project Cost	\$
Rebate	\$

Engine Block Timer

This rebate is for the installation of a plug-in timer that controls the operation of an engine block heater timer to modulate operation.

Equipment Information	
Quantity of timers	
Rebate Information - \$5/timer	
Project Cost	\$
Rebate	\$

Livestock Waterer

This rebate is for the installation of insulated or energy free livestock waterers in place of standard electric waterers.

Equipment Information	
<input type="checkbox"/> New Construction <input type="checkbox"/> Electric Heat Replacement	
Quantity of waterers	
Rebate Information - \$75/waterer	
Project Cost	\$
\$75 / Waterer	\$

Irrigator VFD

Installing a variable frequency drive (VFD) allows the pump to speed up or slow down to provide uniform application of water and maintain correct pressures throughout the irrigations system. Typically, a VFD will be most beneficial for a system that has end guns or swing arms, precision application packages or one pump supplying water to multiple irrigation systems.

Irrigator Information	
Motor HP	
Annual Hours of Operation*	
*typically 600-900 hrs/year	
Rebate Information - \$10/HP	
Project Cost	\$
\$10 per Horsepower	\$