



PROGRAMS FOR AGRICULTURE

**SAVE ENERGY & MONEY IN YOUR
AGRICULTURAL OPERATIONS**

FOR MORE INFORMATION ABOUT OUR
OFFERS, VISIT efficiencyMB.ca/agriculture



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EFFICIENCY MANITOBA PROGRAMS FOR AGRICULTURE

SAVE ENERGY & MONEY IN YOUR AGRICULTURAL OPERATIONS

Save energy, money, and the environment with energy efficiency upgrades to your agricultural operations. We're here to make those upgrades easy and affordable with financial incentives and technical assistance.

Here are some of the offers available to agricultural customers:



ENERGY-EFFICIENT HEAT PADS

\$75 per crate

When it comes to keeping your swine warm, consider heat pads. They use less power than heat lamps, require less maintenance, and provide more uniform heat distribution. We provide a \$75 rebate per crate for upgrading from heat lamps to heat pads.

LIGHTING

Up to 100% of material costs covered

Your building's indoor and outdoor lighting can use a considerable amount of energy. Our Business Lighting Program can help you lower your energy bills and reduce your maintenance costs. When you upgrade to energy-efficient LED lighting and occupancy controls, you may qualify for incentives that can cover up to 100% of your lighting material costs. LEDs use significantly less energy than traditional lighting and can be easily customized and controlled to suit your building's needs and schedule.



CUSTOM ENERGY SOLUTIONS

Incentives of \$0.25* per kWh and \$0.30 per m³ saved

Our Custom Energy Solutions Program can help you save on electricity and gas usage for a variety of measures within your agricultural operations. We'll provide incentives for any upgrades that save electricity or natural gas.

This performance-based incentive program pays \$0.25 per kWh and \$0.30 per m³ of annual energy saved. The more energy your project saves, the higher the incentive you'll receive. Our technical experts are here to help identify energy-saving opportunities and provide assistance along the way.

*The increased \$0.25/kWh incentive is applicable to new project applications submitted to us for pre-approval on or after April 1, 2025.

Here are some examples of energy efficiency upgrades that may qualify for incentives through the Custom Energy Solutions Program:

Dairy & Livestock Operations

- Milk scroll compressors
- Milk pre-coolers
- Well water plate heat exchangers
- VFDs for milk vacuum pumps, milk transfer pumps, second-use water systems, ventilation fans, and sand-manure separation systems
- Low energy/no energy water bowls
- Energy-efficient fans
- Boiler upgrades
- Refrigeration heat recovery units
- Compressed air upgrades

Crop Farms

- VFDs on irrigation well pumps
- VFDs on vegetable storage shed fans

Greenhouses

- Thermal curtains
- VFDs on fans and well pumps



VARIABLE FLOW PUMP & FAN SYSTEMS

Up to \$100 per horsepower in rebates

Variable flow pump and fan systems can improve your HVAC system's efficiency by adjusting motor speeds to match the demand. They can also reduce energy consumption and operating costs, extend the service life of your equipment, and reduce maintenance costs. We can provide you with an incentive of up to \$100 per horsepower for your upgrade.

BIOENERGY

Incentives of \$0.25 per kWh and \$0.30 per m³ saved

Bioenergy is a unique and renewable energy source that can reduce your energy bills and provide other environmental benefits. We provide financial incentives for pre-project studies and the implementation of commercial scale bioenergy systems that demonstrate electricity or natural gas savings. We'll consider the use of any organic matter, such as wood chips or oat hull pellets, as the biomass fuel. Bioenergy can also be a useful way to address your waste disposal requirements.



BUILDING ENVELOPE

Up to 100% of insulation material costs covered

By installing roof insulation, wall insulation, and high-performance windows, you can reduce your energy costs and extend the life of your building. Our Building Envelope Program can cover up to 100% of your insulation material costs and help reduce the cost of high-performance windows. With these upgrades, you'll lower your heating and cooling costs, see less condensation, reduce outdoor noise, and improve indoor comfort and air quality.

SOLAR PV SYSTEMS

Rebates of \$.50 per direct current (DC) on Solar Photovoltaic (PV) Systems

Solar photovoltaic (PV) systems provide energy to your building in a sustainable manner. They can help reduce your monthly energy bill and mitigate the impact of future rate increases. We offer rebates on solar PV systems for businesses, agricultural facilities, and homes connected to Manitoba Hydro's grid.





GROUND SOURCE HEAT PUMPS

Up to \$2.50 per square foot in rebates

Ground source heat pumps are energy efficient and environmentally friendly. Upgrading to a ground source heat pump can reduce building electric heating costs by up to 60% and offset the impact of future heating cost increases. Our Heat Pump Program offers incentives to make upgrading to a ground source heat pump easier and more affordable for homes, businesses, and agricultural facilities.

NEW BUILDINGS

Enjoy lower heating and cooling costs, less condensation, fewer drafts, improved occupant comfort, and a reduced environmental footprint by building an energy-efficient building. For new buildings that are required to meet standards of the Manitoba Energy Code for Buildings (MECB), our New Buildings Program provides incentives for energy modelling and construction when you design and build a new energy-efficient building. For new agricultural buildings which are often not bound by MECB, we'll still support your new build with funding towards a feasibility study which will quantify potential energy savings of an energy-efficient build along with additional incentives based on the energy savings your building will realize.



INNOVATION FUND

Up to \$250,000 in funding

Our Innovation Fund supports organizations looking to advance new and innovative energy efficiency opportunities for electricity and natural gas in the Manitoba market. We provide funding for pilot projects and partnerships to demonstrate new technologies, and help reduce common barriers to adopting emerging energy-efficient technologies and strategies.

FEASIBILITY STUDIES

Up to \$20,000 per study

If you have an energy-saving project in mind, but you aren't sure of your options or potential costs, you may want to consider a feasibility study. The study can quantify the technical viability, potential savings, and overall economics of your project. You work with a consultant of your choice, and we provide a financial incentive of 50% of the study cost, up to a maximum of \$20,000. Viable projects are often eligible for incentives through our Custom Energy Solutions Program.

