

Residential Earth Power loan

Receive assistance for the costs of installing a geothermal heat pump at your home.

The Earth Power program promotes geothermal heat pumps as an alternative to conventional heating and cooling systems. Geothermal heat pumps are ideal for rural residences, as they can provide space heating or cooling to the home as well as to workshops or other buildings on one property.

Energy efficient and environmentally friendly, geothermal heat pumps can cut your annual heating costs by 50 to 70 per cent.

Building a new home?

Power Smart features are available whether you're building a natural gas, electrical or geothermal heated home.

Power Smart New Home Program

Build a new home to Power Smart standards by incorporating seven energy efficient technologies, plus receive up to \$1000 off the purchase of an ENERGY STAR® front-loading washing machine or a \$600 energy bill credit.

Manitoba R-2000 Home Program

Customize energy features of your new home to follow Natural Resources Canada's R-2000 Program, which sets standards for indoor air quality, environmental impact and energy efficiency. Homes built to R-2000 standards also eligible for up to \$1000 off the purchase of an ENERGY STAR front-loading washing machine or a \$600 energy bill credit.

Power Smart for your business

Manitoba Hydro's Power Smart for Business programs help you save energy and money. By upgrading your buildings and/or equipment to Power Smart standards, you can improve the performance, productivity and comfort of your operation.



Power Smart equipment also has a longer life and requires less maintenance, reducing material waste and maintenance costs.

Contact Manitoba Hydro **before** you purchase any renovation or construction material. **Pre-approval on your project may be required to be eligible for an incentive or rebate.**

Product incentives and financial rebates are subject to change. Contact Manitoba Hydro for the latest information and rates.

Commercial programs:

Commercial Lighting Program

Install energy efficient lighting and create a safer, more productive operation. Information, advice and incentives are available through this program, as well as specific information about effective lighting for hog and dairy barns.

Energy Efficient Heat Pad Program

Replace heat lamps with heat pads in your farrowing barns to increase the energy efficiency in your hog barns. Qualifying heat pads are eligible for a rebate with pre-approval.

Commercial Custom Measures

Custom measures are specialized energy efficiency electrical measures designed to meet the needs of commercial and agricultural buildings. Incentives are available in the form of feasibility studies and custom measure incentives, as well as incentives for geothermal heat pumps. Feasibility studies can evaluate the lifetime economics of a heat pump system for your farm buildings and Manitoba Hydro can help cover the costs for the study.

Commercial HVAC Program

Upgrade to a high-efficiency furnace or boiler in your farm buildings. A financial incentive is available to help offset the cost of efficiency upgrades.

Commercial Building Envelope

Program offers financial incentives to encourage customers to upgrade insulation levels (in existing buildings only) and install energy-efficient windows to Power Smart standards.

Power Smart Design Standards

Receive Power Smart designation by including Power Smart features in the design of new buildings. Incentives are available for eligible technologies.

Publications about the latest developments in agricultural research and other topics of interest are available from Manitoba Hydro.

Profiles in R&D are publications about research developments on agricultural topics including heat pads, solar energy greenhouses and stray voltage.



For more information on the Power Smart programs described in this brochure:

Call toll-free:

1888 MBHYDRO (1-888-624-9376)

Visit our website: www.hydro.mb.ca

Email your questions about commercial programs to: powersmartforbusiness@hydro.mb.ca

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Power Smart for your farm



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Whether building new or renovating your home or farm buildings, Manitoba Hydro can help. Our Power Smart programs offer ways to make your farm more energy-efficient, and help you save.

As a farm owner, the decisions you make affect both your home and your livelihood.

With Power Smart, you can improve the quality and comfort of your living and working environments. There are many ways you can get started.

Review the following summary of Power Smart residential and commercial programs to see which topics interest you the most. Then contact us for more information and possible rebates, toll-free at: 1 888 MB HYDRO (1-888-624-9376).

Additional information and **promotional offers** are regularly updated on our website at www.hydro.mb.ca

What is Power Smart?

Power Smart is Manitoba Hydro's energy conservation strategy. The goal of Manitoba Hydro's Power Smart program is to meet provincial energy needs through efficiency improvements rather than through new sources of generation.

Through Power Smart, Manitoba Hydro promotes a wide variety of energy efficient products, services and programs, which deliver energy savings to Manitobans.

Power Smart for your home

Make improvements to your home that result in savings on your energy bills. Power Smart residential programs offer educational materials and resources, as well as financial assistance to customers making energy efficiency improvements.

Contact Manitoba Hydro **before** you purchase any renovation or construction material. **Pre-approval on your project may be required to be eligible for an incentive or rebate.**

Product incentives and financial rebates are subject to change. Contact Manitoba Hydro for the latest information and rates.

Renovating your home?

Home Energy Calculator

Visit www.hydro.mb.ca/energycalculator/index.html for Power Smart tips and information to help you manage your home energy consumption.

Home Comfort & Energy Savings Program booklets

Achieve home energy savings and create a more comfortable living environment. A series of "How-to" renovation booklets are available both in booklet format and on CD.

1. Sealing, Caulking & Weatherstripping
2. Basement & Crawlspace Insulation
3. Attic Insulation
4. Wall Insulation
5. Doors & Windows
6. Heating Systems
7. Water Heaters
8. Indoor Air Quality & Ventilation

Do-It-Yourself Energy Assessment

Perform your own energy analysis.

Request **mail-in** assessment forms by calling 1 888 MB HYDRO (1-888-624-9376) toll-free.

The mail-in service includes a customized energy efficiency report and suggestions for energy efficient improvements based upon self-reported information. The cost is \$19.99 plus GST, which can be charged to the home's energy bill.

Or go **on-line** and fill out the Home Comfort & Energy Assessment for free. Once you fill in the required information, you will receive a customized energy efficiency report and suggestions for energy efficient improvements.

Residential programs and services:

Power Smart In-Home Energy Evaluation Program

Book your appointment for an in-home energy evaluation to determine how much energy you use to heat your home and operate your appliances. An in-home visit costs \$150.00 plus GST and includes: an assessment, blower door test, written report, energy rating and suggestions for energy efficient improvements, as well as a post-retrofit evaluation, along with new energy rating. To book an appointment, call: 1 888 MB HYDRO (1-888-624-9376) toll-free.

Power Smart Residential Loan

Receive convenient financing to upgrade your furnace, water heater, ventilation system and air sealing measures, insulation, windows and doors to Power Smart levels.

Energy Finance Plan

Offers financing for renovations/upgrades to central air, mid-efficient natural gas furnaces and water heaters, direct vent natural gas fireplaces, security and lights.

Appliance Program

Receive a rebate on your energy bill when you purchase ENERGY STAR® qualified chest freezers, refrigerators and/or clothes washers.

Power Smart Furnace Replacement Program
Replace your current natural gas furnace or boiler with an ENERGY STAR® high efficiency furnace or boiler and receive a rebate on your Manitoba Hydro gas bill.

Power Smart Home Insulation Program

Upgrade your home's insulation to Power Smart levels and receive a rebate of up to 100 per cent of insulation materials. **Pre-approval on applications are required.** Insulating information and technical assistance are also offered.

Programmable Thermostat Program

Install a programmable setback thermostat to save energy when you are away from home or sleeping.

Residential Lighting Program

Upgrade to ENERGY STAR® qualified compact fluorescent light (CFL) bulbs, seasonal LED lighting, and compact fluorescent torchiere lamps to save energy.