



# **SOLAR REBATE PROGRAM**

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## **RESIDENTIAL SUPPLIER GUIDE**

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# DESIGN WITH ENERGY EFFICIENCY IN MIND

## SOLAR REBATE OVERVIEW

The Solar Rebate Program provides residential customers with rebates of \$0.50 per direct current (DC) watt installed on homes connected to Manitoba Hydro's grid, up to a maximum of \$5,000 per home. Rebates are available for system sizes of up to 10 kW per home. Homeowners can install solar PV systems larger than 10 kW; however, the rebate will be capped at 10 kW and \$5,000 per home. Rebates will be capped at the lesser of the calculated rebate amount and the product cost paid for by the customer.

Important notice to all contractors and retailers: your company must be registered to work with Efficiency Manitoba prior to commencing any residential and commercial projects. The supplier agreement form must be completed and submitted to Efficiency Manitoba prior to participating in any energy efficiency programs.

To register, visit: [efficiencyMB.ca/supplier](https://efficiencyMB.ca/supplier).

### Participation details for electric, natural gas, geothermal, fuel oil, propane, and wood heated homes

- The Solar Rebate Program is available for all home heating types including electric, natural gas, geothermal, fuel oil, propane, and wood.
- Pre-approval from Efficiency Manitoba is not required prior to commencing residential projects. Once the installation and all required inspections are completed, a bi-directional meter is installed, and the solar PV system is fully operational, the customer or a contractor can apply for the Solar Rebate Program. The customer or a contractor has 90 days after the installation date to send us the application and supporting documents. For solar PV systems installed between April 1, 2022 and August 18, 2022, applications must be submitted within 90 days after August 18, 2022.

The customer will receive a rebate cheque in the mail six to eight weeks after we receive a completed rebate application.

## SOLAR REBATE PROGRAM ELIGIBILITY CRITERIA

### Contractor participation and material order

- Contractors must be in good standing with an active supplier agreement in place with Efficiency Manitoba. To register, visit: [efficiencyMB.ca/supplier](https://efficiencyMB.ca/supplier).
- If several sub-trades are engaged to complete the installation, one contractor must be designated as the primary contractor and only one application will be accepted from the primary contractor or retailer. Invoices and receipts must be submitted for all areas at the time of rebate.
- The solar PV system must be designed by a person with the credentials as required by the Authorities Having Jurisdiction and installed by a registered Efficiency Manitoba contractor who holds an Electrical Contractor's License.
- Participating contractors can request program materials, order application forms, and download program resources by visiting: [efficiencyMB.ca/supplier](https://efficiencyMB.ca/supplier).

### Customer and residence eligibility (All criteria must be met)

- The solar PV system must be installed on or after April 1, 2022 and be connected to the Manitoba Hydro (MH) grid;
- The customer must be the owner of the residence to receive a rebate under the program;
- The customer must be a MH customer with an active MH account eligible for MH residential service electricity rates and MH residential service natural gas rates;
- The residence must be occupied by the customer or their tenant 12 months per year;
- The customer must occupy a new home for at least one year before installing the solar PV system;

- The residence must be a detached or semi-detached home on its original foundation, or a mobile/modular home on permanent foundation with a permanent water supply and be intended for human habitation. Duplexes, triplexes and fourplexes are eligible if they have separate meters and meet all eligibility requirements;
- The customer must apply through an EM registered supplier (“registered contractor” or “registered retailer”) and must purchase the products through a registered contractor or registered retailer; and
- The products shall be used by the customer in a residential (excluding multi-unit residential) capacity only and in accordance with the customer’s application and this agreement.

### Projects that are not eligible for the Solar Rebate Program

- Solar PV systems installed prior to April 1, 2022;
- A seasonal residence, a vacation rental, an unoccupied home, a residence under construction or renovation;
- Condominiums, and multi-residential buildings (except duplexes, triplexes and fourplexes with separate meters);
- Unheated buildings; and
- New construction projects are not eligible for the Solar Rebate. They may be eligible for a rebate through the New Homes Program. For more information about new construction rebates, visit: [efficiencyMB.ca/newhomes](http://efficiencyMB.ca/newhomes).

### Solar Photovoltaic System eligibility requirements (Project must meet all criteria below)

- All products installed, including array and ancillary equipment, must be new, purchased in Canada, owned by the customer, and certified by an approved certification organization as required by the Authorities Having Jurisdiction;
- The solar photovoltaic projects must be designed by a person with the credentials as required by the Authorities Having Jurisdiction and installed by a registered contractor who holds an Electrical Contractor’s License;

- All solar photovoltaic projects must meet the requirements of the Manitoba Electrical Code, all pertinent bylaws, be installed/constructed under all required and applicable permits, and be acceptable to the inspection authorities having jurisdiction;
- Only one application per solar photovoltaic project per residence will be accepted;
- The products installed must not replace nor supplement an existing solar photovoltaic system at the residence; and
- All rebates are limited to not more than the product cost paid for by the customer, including taxes.

To read our full Terms and Conditions, visit [efficiencyMB.ca/solar](http://efficiencyMB.ca/solar).

## PARTICIPATION

### 1. The customer contacts a participating contractor and requests a quote.

If your customer doesn’t know where to start, provide them with the Solar Rebate Program Customer Guide and make them aware of Efficiency Manitoba’s resources for solar PV installations available on the website.

### 2. The contractor applies for interconnection approval and obtains any required permits

Grid-connected installations must comply with Manitoba Hydro’s interconnection requirements and receive approval from Manitoba Hydro prior to commencing any work. It is also a good time to obtain any necessary permits such as an electrical permit and/or building permit, if applicable, and ensure the solar PV system complies with any municipal building codes requirements.

### 3. Install the solar PV system

Once interconnection approval is received and all necessary permits are obtained, you may proceed with the work. You must ensure the solar PV system meets the program’s eligibility requirements and the requirements of all applicable federal and provincial laws, and is acceptable to inspection authority.



#### 4. Apply for Efficiency Manitoba's rebate

Once the solar PV system is fully installed (passed final electrical inspection, is connected to the grid, and is operational), the contractor, or customer should fill out our online application using Efficiency Manitoba's online portal and provide the following information:

- Homeowner information, contractor information, additional contact information
- Building information
- Project details information (solar PV system, module, inverter, invoice information)
- Accept program's terms and conditions
- Attach a paid invoice and EnerGuide pre-retrofit evaluation (if applicable).

**Note:** The invoice(s) must be legible and contain the following information:

- Customer name
- Address where the work was performed
- Contractor name and address
- Installation date
- Invoice date
- Description of eligible products installed including manufacturer make(s), model number(s) of solar panels, mounting systems, inverters
- Costs in separate line items – material price (solar panels, mounting systems, inverters, balance of systems); labour; other costs (permits, bi-directional meter, paperwork, warranties, etc.); taxes
- Proof and date of full payment

**Important:** Make sure you apply within 90 days of the final invoice date for the solar PV system. For solar PV systems installed between April 1, 2022 and August 18, 2022, applications must be submitted within 90 days after August 18, 2022.

You can also contact us for a paper application.

You or your customer can email the application to [solar@efficiencyMB.ca](mailto:solar@efficiencyMB.ca) or mail to:

**Efficiency Manitoba Solar Rebate Program  
PO BOX 247 STN MAIN Winnipeg MB R3C 2G9**

Incomplete applications and/or invoices will be returned.

**Note:** Efficiency Manitoba may require a post-verification inspection. The homeowner will be contacted to schedule an appointment.

#### 5. Customer receives their rebate

Once Efficiency Manitoba has received the completed application, it will take six to eight weeks for the homeowner to receive their rebate.

### OTHER REBATE AND FINANCING OPTIONS

In addition to receiving a rebate through our Solar Rebate Program, customers can also apply for rebates and financing through the Canada Greener Homes Initiative and Manitoba Hydro's Home Efficiency Loan.

#### Greener Homes Grant

The Canada Greener Homes Grant is offered by the Government of Canada as part of its Canada Greener Homes Initiative. It provides grants up to \$5,000 for eligible home energy retrofits, including solar PV systems. Your customer will need to apply before purchasing or installing any equipment and undertake both a pre- and post-retrofit EnerGuide evaluation. Eligible homeowners who install a solar PV system can receive \$1,000 per kW.

For more information, visit the [Canada Greener Homes Initiative](#) website.

#### Canada Greener Homes Loan

The Canada Greener Homes Loan builds on the Canada Greener Homes Grant. This is an interest-free loan that allows homeowners to finance their home's energy retrofits and improve their home's energy efficiency and resiliency. Eligible homeowners can receive between \$5,000 and \$40,000 in financing. The customer will need to be eligible and apply for the Canada Greener Homes Grant to qualify for the loan, and obtain a pre-retrofit evaluation of their home.

For more information, visit the [Canada Greener Homes Initiative](#) website.

#### Manitoba Hydro's Home Energy Efficiency Loan

Manitoba Hydro's Home Energy Efficiency Loan offers eligible homeowners up to \$20,000 in financing for their solar PV system to a maximum of 15 years. The monthly payment is added to their energy bill and no down payment is required.

For more information, visit [Manitoba Hydro's Home Energy Efficiency Loan](#) website.

## CONTACT INFORMATION

Contact the Solar Rebate Program with any questions you or your customer may have.

- Efficiency Manitoba Contact Centre:
  - **204-944-8181** Winnipeg or
  - **1-844-944-8181** toll-free
- Email: [solar@efficiencyMB.ca](mailto:solar@efficiencyMB.ca)
- Fax: **1-844-364-0080**
- Mailing Address:  
**Efficiency Manitoba Solar Rebate Program**  
**PO BOX 247 STN MAIN Winnipeg MB R3C 2G9**

## ADDITIONAL RESOURCES

### Canada Greener Homes Initiative

The Canada Greener Homes Initiative provides grants and loans for home evaluations and retrofits. Eligible retrofits include solar PV and other renewable energy systems, home insulation, windows and doors, air sealing, and mechanical systems. Homeowners must undertake both a pre- and post-retrofit EnerGuide evaluation to be eligible. To learn more, visit [Canada Greener Home Initiative](#).

### City of Winnipeg

The City of Winnipeg developed a guide with information about permit requirements for rooftop and ground solar PV installations in Winnipeg for both residential and commercial applications. This document addresses topics such as building and development permits, electrical permits, installation, inspections, and common defects. To learn more, read this [PDF from the City of Winnipeg](#).

### Manitoba Hydro

To install a grid-connected solar PV system, you must follow Manitoba Hydro's policies and requirements and sign an Excess Energy Purchase Agreement that would allow you to sell your excess electricity to Manitoba Hydro. To learn more, visit [Manitoba Hydro](#).

### PVWatts® calculator

PVWatts is a solar production calculator developed by the National Renewable Energy Laboratory (NREL) that can be used to estimate your annual energy production in a given geographical area. Advanced settings including additional system losses due to soiling, snow cover, and panel degradation can be programmed to provide a realistic estimate for your project. To learn more, visit [PVWatts®](#).



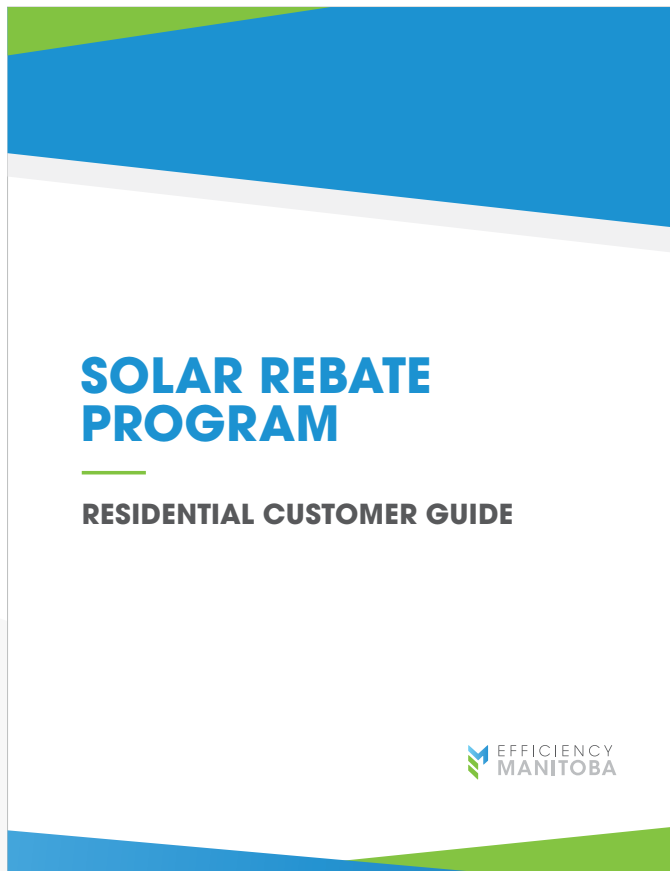
## PROMOTIONAL MATERIALS

Efficiency Manitoba has developed a handful of useful resources for the Solar Rebate Program that can be displayed at your business and provided to your customers.

Participating contractors can access program materials by visiting: [efficiencyMB.ca/supplier](https://efficiencyMB.ca/supplier)

### Customer Guide

An educational guide that covers basic information for homeowner's considering installing a solar PV system. Topics include: how solar energy works, getting started with solar, rebates and financing options, Manitoba Hydro's interconnection process, financial analysis of a solar PV system, and other important information enabling the customer to make an informed decision.



### Solar Rebate Program Brochure

A brochure explaining program requirements, eligibility requirements, and steps to participate in the Solar Rebate Program.



## Solar PV Invoice Requirements

Your solar PV system invoice needs to have all the information identified below in order to meet the program documentation requirements.

**1** Solar PV Company  
123 Main Street, Winnipeg, MB R1A 2C2  
**2** (204) 555-5555  
info@solarpvcompany.ca

**4**

**SAMPLE INVOICE**

**3** INVOICE NO. 123

DATE: 08/18/2022

BILL TO	INSTALLATION ADDRESS	INSTALLATION DATE	QUOTE
<b>5</b> Bill Smith 123 Second St., Winnipeg, MB R1A 2C7	Same as recipient	08/18/2022 <b>6</b>	Q159

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
Solar Panels	325W Solar Panels [Brand & Model Number]	<b>7</b> 30	350.00	10,500.00
Mounting System	Solar Panel Mounting System [Brand & Model Number]	1	2,000.00	2,000.00
Inverter	String Type Inverter [kW Rating, Brand, Model Number]	1	3,000.00	3,000.00
Balance of System	Protective Devices Combiner/Recombiner Boxes Disconnecting Means Wiring, Connectors, Junction Boxes & Raceways Grounding & Bonding Systems	1	3,000.00	3,000.00
Labour	Install solar PV system	<b>8</b> 1	4,000.00	4,000.00
Other Costs	Bi-Directional Meter	<b>9</b> 1	500.00	500.00
	Permit - including utility interconnection	1	500.00	500.00
<b>SUBTOTAL</b>				<b>23,500.00</b>
GST (5%)				1,175.00
PST (7%)				1,645.00
<b>TOTAL DUE</b>				<b>10 26,320.00</b>

PAID

**11**

Thank you for your business!

- 1** Contractor's company name & address
- 2** Contractor's contact information
- 3** Invoice number
- 4** Invoice date
- 5** Homeowner's name & site address
- 6** Installation date
- 7** Description of eligible products installed including manufacturer make(s), model number(s) of solar panels, mounting systems, inverters
- 8** Labour
- 9** Other costs (permits, bi-directional meter, paperwork, warranties, etc.)
- 10** Cost (including taxes)
- 11** Proof of payment (e.g., PAID stamp)

This document was developed to explain program invoice requirements. It is not an official rebate document. All pricing and product information is provided for example purposes only and does not represent a typical price or a recommended product. We accept no liability for any incomplete, inaccurate, or out of date information displayed.



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**Phone: 204-944-8181**  
**Toll free: 1-844-944-8181**  
**[solar@efficiencyMB.ca](mailto:solar@efficiencyMB.ca)**  
**[efficiencyMB.ca/solar](http://efficiencyMB.ca/solar)**

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Available in accessible formats upon request.

