

SOLAR ELECTRIC (PHOTOVOLTAIC) SYSTEM CASH-BACK REWARD PRE-APPROVAL APPLICATION



Projects from 0.5 to 50 kilowatts capacity. Valid through December 31, 2009.

Initial Application Updated Application

STEPS TO APPLY FOR A CASH-BACK REWARD

1. Focus on Energy strongly recommends that you arrange for a Focus on Energy Solar Electric Site Assessment to help determine if a solar electric system is suitable for your location (focusonenergy.com/siteassessments).
2. Focus on Energy recommends obtaining at least three bids for your solar electric system from eligible installation contractors on the [Focus on Energy Full Service Solar Electric System Installation Firms](http://focusonenergy.com/fullserviceinstallers) list (focusonenergy.com/fullserviceinstallers).
3. Make sure your installation contractor designs the system according to the system requirements specified in this application.
4. Complete and email or mail a signed copy of this application to the address at the bottom of the page.
5. Homeowners that have fully participated in the Wisconsin ENERGY STAR Home Program or Home Performance with ENERGY STAR Program are eligible to receive a \$500 bonus reward (focusonenergy.com/solarbonus).
6. **Do not purchase, order or install any equipment until you have been notified by Focus on Energy that your application is approved! Installation prior to Focus on Energy approval may render your project ineligible for funding.**
7. Within 30 days of receiving a completed application, Focus on Energy will notify you if your application has been approved. You will also receive a Notice of Installation form that you will need to complete and return after your system has been installed.
8. If your system's expected electricity production changes by more than 20 percent after your Cash-Back Reward is approved, please update the information on the system using a new Cash-Back Reward application and mail it to the address listed below. If the updated Cash-Back Reward application is not approved by Focus on Energy, additional funds may not be awarded.
9. Install the system and ensure installation meets all applicable local, state and national codes, including the National Electric Code, has the appropriate permits and that you have a signed interconnection agreement with your electric provider. You have one year to install and submit the completed Notice of Installation.
10. To receive the Cash-Back Reward payment, mail the Notice of Installation to the address at the bottom of this page.

Questions regarding this application should be directed to Focus on Energy at 800.762.7077 or renewableapplications@focusonenergy.com.

APPLICANT INFORMATION Complete all appropriate fields. Please print.

Contact Name or Name of Residential Owner		Company/Organization (if applicable)			
Federal I.D. NO. (if applicable)	<input type="checkbox"/> LLC	<input type="checkbox"/> Corporation	<input type="checkbox"/> Partnership	<input type="checkbox"/> Individual/Sole proprietor	<input type="checkbox"/> For Profit
	<input type="checkbox"/> School	<input type="checkbox"/> 501(c)3	<input type="checkbox"/> Government	<input type="checkbox"/> Other:	<input type="checkbox"/> Not for Profit

\$500 Solar Bonus for Homeowners (focusonenergy.com/solarbonus):

- Home is/will be certified Wisconsin ENERGY STAR Home
 Home has/will complete Home Performance with ENERGY STAR in-home evaluation and post performance inspection
 Home is NOT participating in the Wisconsin ENERGY STAR Home or Home Performance with ENERGY STAR Programs

Mailing Address	City	State	ZIP	County
Owner/Contact Home Phone	Owner/Contact Work Phone		Owner/Contact Email	
Installation address (no PO Boxes)	City	State	ZIP	County
Electric utility at installation address	Space heating fuel supplier at installation address			

Current space heating fuel type:

- Natural gas Propane (LP) Oil Electric Other:

INSTALLATION CONTRACTOR INFORMATION

Company installing the system		Lead Installer's Name		
Mailing Address	City	State	ZIP	
Company Phone	Company Email	NABCEP License Number		

E-mail or mail the completed Cash-Back Reward application to:

renewableapplications@focusonenergy.com

Focus on Energy, Attn: Renewable Energy Cash-Back Rewards, 431 Charmany Drive, Madison, WI 53719.

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SYSTEM SPECIFICATIONS AND COST ESTIMATE

Manufacturer and Model	Rated Capacity	Number	Total Capacity	Total Cost
Modules:	_____ Kilowatts per module			
Inverter:	_____ Kilowatts per inverter			
Rack:	NA		NA	
Charge Controller: ¹	_____ Amps			
Batteries: ¹	_____ Amp hours per battery			

¹ Only for systems with batteries.

Other Costs

Balance of System:	Labor:	Shipping:	Other:
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TOTAL SYSTEM COST:

SYSTEM DETAILS

Estimated Installation Date	Annual Shading Estimate (Do not include snow shading) %	Shading Tool Used
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RACKING Complete appropriate section based on type of rack

Type	Module Compass Direction (degrees)	Module Tilt Angle (degrees)
<input type="checkbox"/> Fixed Rack		
<input type="checkbox"/> Single Axis Tracking Rack	NA	
<input type="checkbox"/> Dual Axis Tracking Rack	NA	NA

TO BE COMPLETED BY FOCUS ON ENERGY STAFF ONLY Project Information

Project Number	Application Received By	Date Received	
Estimated Energy Production	Parasitic Losses	Peak kW	
Cash-Back Reward Estimate	Cash-Back Reward Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	Approved By	Date Approved

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INSTRUCTIONS

All of the requested information on the Cash-Back Reward application must be completed. If the information is incomplete or vague, your application will not be approved.

- **Annual Shading:** Shading is the percentage that the modules will be shaded annually by obstructions (including trees, power lines, buildings, etc), not including snow. The obstruction shading estimate must be based on the analysis done with a shading tool. List the name of the shading tool used.
- **Module Compass Direction (degrees):** Enter the compass direction the modules will face.
- **Module Tilt Angle (degrees):** Enter the number of degrees the modules' surface will be from horizontal.
- **Snow Cover:** Focus on Energy staff will estimate the systems shading caused by snow cover based on the array's tilt angle as follows:

Tilt Angle	≥ 35°	≥20° — <35°	≥14° — <20°	≥10° — <14°	≥5° — <10°	≥2° — <5°	<2°
Shading from snow cover	1%	2%	3%	4%	6%	8%	12%

DETERMINING THE CASH-BACK REWARD LEVEL

Focus on Energy uses PVWatts version 1 (available online) to estimate your system's annual electricity production (using a 0.80 DC to AC derate factor to account for system losses). The PVWatts annual kilowatt hour (kWh) production estimate is reduced by your estimate of annual shading caused by obstructions, and the Focus on Energy estimate of shading due to snow cover. These reductions result in an adjusted PVWatts annual production estimate. Production adjustments are not made for manually adjustable racks.

Focus on Energy uses the following table to determine your Reward Factor. The appropriate Reward Factor is multiplied by your system's adjusted PVWatts' annual production estimate to determine your Cash-Back Reward. The Cash-Back Reward for solar electric systems can not exceed the Maximum Cost Share or Maximum Reward. Focus on Energy will not cost share any system-owner labor costs unless the installation contractor can document payment to the system-owner for the provided services.

SYSTEMS AT:	DC RATED MODULE CAPACITY (kW)	REWARD FACTOR	MAXIMUM COST SHARE	MAXIMUM REWARD
Residential or Business sites	≥0.5 – ≤20	\$1.50 per kWh/yr	25%	\$35,000
	>20 – ≤50	\$1.00 per kWh/yr	25%	\$50,000
Nonprofit* or Government sites	≥0.5 – ≤20	\$2.00 per kWh/yr	35%	\$45,000
	>20 – ≤50	\$1.50 per kWh/yr	35%	\$75,000

*Nonprofit groups must file a federal IRS form 990 or equivalent.

SYSTEM REQUIREMENTS

- **Certified Installer:** The solar electric system must be installed by a contractor on the [Focus on Energy Full Service Solar Electric Installation Firms](#) list or by an individual who has met the experience and training criteria of the Solar Electric Full Service Policy (focusonenergy.com/REinstallers).
- **New Components:** All of the major system components (modules, inverter and, if needed, a charge controller) must be new.
- **Minimum System Size:** Projects are eligible only if the total DC rated capacity of the solar electric modules is over 500 watts.
- **Maximum System Size:** Projects are eligible only if the total DC rated capacity of the solar electric modules is 50 kilowatts or less.
- **Certified Modules and Inverters:** Solar electric modules and inverters must be on California's list of eligible equipment.
- **Two-Year Installation Warranty.** The system must include at least a two-year installation warranty that covers any defects in the workmanship of the installation at no charge to the owner. The warranty must be provided by the firm that installs the solar electric system.
- **One-Year Equipment Warranty.** All major system components must have at least a one-year warranty.

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TERMS AND CONDITIONS

- Eligibility.** Businesses, organizations, institutions, and federal, state, county, local or tribal governments and residents are eligible for Focus on Energy incentives if they purchase electricity from an electric provider participating with Focus on Energy. For a list of participating providers visit, focusonenergy.com/utilities.
- System Location.** The renewable energy system must be installed on a site whose owner purchases electricity from an electric provider participating with Focus on Energy for that site.
- Approval.** An application for a Cash-Back Reward must be approved by Focus on Energy before any equipment is ordered, purchased or installed. Within 30 days of receiving a complete application, you will be mailed a letter notifying you if your application has been approved. Installation prior to Focus on Energy approval may render your project ineligible for funding.
- System Requirements.** The renewable energy system must be designed and installed to meet the "System Requirements" described in this application. The renewable energy system must have the appropriate permits and comply with all applicable federal, state and local codes governing the installation and operation of renewable energy systems.
- Systems located at Spec homes.** For new spec homes that have not yet been purchased, the home builder should apply and receive approval from Focus for the Cash-Back Reward on behalf of the future homeowner. The new homeowner should submit the notice of installation and is eligible for the reward payment after the home's purchase.
- Repairs Are Not Eligible.** Repairs, general maintenance or replacement of batteries or inverters are not eligible.
- One-Year Project Deadline.** The renewable energy system must be installed and the Notice of Installation submitted within one year. Projects that take more than six months to complete must submit a progress report after six months noting substantial progress toward installation, including copies of receipts for equipment or a signed installation contract. If the installation does not meet the one year timeline the Focus on Energy Program may terminate your reward. You will receive a written warning 30 days before your reward is cancelled. Requests for extensions beyond the twelve-month period must be submitted in writing to Focus on Energy at the address noted on the bottom of the page.
- Notice of Installation.** The Cash-Back Reward will be paid after the system has been installed and a complete Notice of Installation has been submitted. Dated invoices or receipts for all projects must be submitted with the Notice of Installation. Only costs directly linked to the renewable energy system are eligible. The Cash-Back Reward will be paid within 60 days of receipt and acceptance of the Notice of Installation.
- System Operation.** The Cash-Back Reward recipient agrees to operate the renewable energy equipment, at the location proposed and as described in the grant application, for a period of at least three (3) years.
- Additional Terms.** Focus on Energy reserves the right to:
 - Withhold payment until any identified problems with the renewable energy system are resolved
 - Terminate this reward in whole or in part due to the recipient's failure to fulfill the terms and conditions in this document, due to non-appropriation of necessary funds
 - Alter or discontinue the Cash-Back Reward program at any time without notice
 - Make the final determination on whether items meet the standards set forth in the program
 - Inspect the system to ensure that it is consistent with all "Terms and Conditions"
 - Monitor or evaluate the performance of the system for a period of two (2) years
- Privacy.** Focus on Energy reserves the right to publicize your participation in this program, unless you specifically request otherwise.
- Disclaimer.** Acceptance of this Cash-Back Reward does not constitute the approval, acceptance, warranty, guarantee or endorsement of Focus on Energy or Wisconsin Energy Conservation Corporation.

Please Note: This completed form must be submitted and approved by Focus on Energy before any equipment is ordered, purchased or installed.

OWNER/CONTACT SIGNATURE

I certify that I have performed or reviewed this application and any accompanying documentation, and the information is reasonable and accurate. I further certify the unit(s) is to be installed at the indicated installation address. I have read the terms and conditions associated with this program.

Owner/Contact Signature

Date

- Periodically, Focus on Energy evaluates program efficacy by monitoring energy use / production prior to and after installation of renewable energy system(s). Your signature provides Focus on Energy approval to obtain energy data directly from your electric and/or natural gas provider(s). If you prefer not to grant Focus on Energy access to your electric / natural gas records, please check the "Opt Out" box. Opt Out
- Focus on Energy representatives promote the program and renewable energy in Wisconsin through the use of photos, project descriptions and general project locations during public presentations and verbal or written conversations with interested parties. Your signature provides Focus on Energy approval to use photos, provide a general description and reference the general location of your project for the purposes described above. If you prefer not to grant Focus on Energy the right to use your project information as described above without first obtaining your consent, please check the "Consent Required" box. Consent Required

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