

## Solar Hot Water Site Assessment Request Form

### Effective July 1, 2007

Please use this form to request a solar hot water site assessment. The following is important information that you must review before you request a site assessment. It also provides Focus on Energy with information that is needed to efficiently process your request. Carefully read and complete all sections of this request form.

#### What is a solar hot water site assessment?

Solar hot water site assessments are designed to provide customers with site-specific information about how solar water heating systems can help meet their energy needs. During the site assessment a trained solar energy consultant will visit your site and/or review building plans. The consultant will evaluate your site, answer your questions and summarize their findings in a written report that will include:

- A review of your goals for having a solar hot water system
- A review of how solar water heating systems work
- A basic analysis of your energy needs
- An evaluation of the solar resource at your site
- Recommendations for a solar hot water system size and siting to meet your energy goals
- Estimate of a solar hot water system's production
- A rough cost estimate for the system
- An overview of the incentives for which the system is eligible
- Preliminary economic analysis of the system
- The next steps you need to take to make your system a reality

A site assessment is not a bid nor does it provide a system design.

#### How much does a site assessment cost?

Site assessment fees vary, and are determined by each individual assessor. Average assessment costs are outlined in the following chart.

System Type	Typical cost	Focus Cost Share
Residential	\$300 to \$400	60%
Non-residential	\$400 to \$500	50%

Please discuss costs and system expectations with your solar consultant prior to the site visit.

#### Solar Hot Water System Information

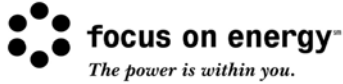
Before you request a site assessment you should know the following information about renewable energy systems in Wisconsin:

**Energy Efficiency** – Where energy savings for a building or facility is involved, every dollar you spend on energy efficiency will save up to three dollars on the cost of your renewable energy system. This is because the more efficient your building or facility is, the smaller the renewable energy system can be to meet your energy needs.

**Solar Hot Water System Overview** – Solar hot water systems use the sun's energy to heat water for home and business needs. These systems need full sun to operate.

A properly sized residential system will reduce a home's water heating bill by approximately 50 percent by preheating the water that enters your existing natural gas or electric water heater. A typical two-panel residential system will cost approximately \$6,000 - \$8,000; however, Focus on Energy Cash-Back Rewards may pay up to 25 percent of the cost of a solar domestic hot water system or up to 50 percent of the cost of repairing an existing system. A two-panel system requires roughly 100 square feet of area.

Non-residential systems are sized to contribute to the annual water heating load and often provide 50 percent of that load. Large systems often cost less per square foot of collector than residential systems. Focus on Energy Cash-Back Rewards and Implementation Grants may pay up to 25 percent of the cost of a non-residential system, or up to 50 percent of the cost of repairing an existing system.



## How to apply for the Focus on Energy Solar Hot Water Site Assessment cost share:

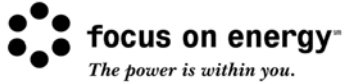
- 1) To qualify for the discount, the solar hot water system must replace electricity or natural gas purchased from one of the following utilities:

Alliant Energy  
Argyle Electric & Water Utility  
Belmont Municipal Light & Water  
Benton Electric & Water Utility  
Bloomer Electric & Water Utility  
Cadott Light & Water Department  
Cashton Light & Water  
Centuria Municipal Electric Utility  
City Gas Company  
Consolidated Water & Power Company  
Cornell Municipal Light Department  
Cumberland Municipal Utility  
Dahlberg Light & Power Company  
Eau Claire Energy Cooperative  
Elroy Electric & Water Utility  
Gresham Water & Electric Plant  
Kiel Utilities  
La Farge Municipal Utilities  
Madison Gas & Electric  
Manitowoc Public Utilities  
Mazomanie Electric Utility  
Medford Electric Utility  
Midwest Natural Gas, Inc.  
North Central Power Co. Inc.  
Northwestern Wisconsin Electric Company  
Pardeeville Public Utilities  
Pioneer Power & Light Co.  
Price Electric Cooperative  
Princeton Light & Water Department  
Rice Lake Utilities  
Richland Electric Cooperative  
Scenic Rivers Energy Cooperative  
Shawano Municipal Utilities  
Shullsburg Electric Utility  
Spooner Municipal Electric Utility  
St. Croix Valley Natural Gas  
Stratford Water & Electric Department  
Superior Water, Light & Power  
Superior Water, Light & Power Company  
Viola Municipal Electric Utility  
We Energies  
Westfield Electric Company  
Wisconsin Public Service  
Wonewoc Water & Light Department  
Xcel Energy

- 2) Complete this form, and return it to the address indicated.
- 3) Participate in an initial telephone screening with a Focus on Energy representative to discuss your site assessment needs and to make sure you qualify for the discount.
- 4) If you qualify, a discount coupon and list of site assessors will be mailed to you.
- 5) Select an assessor from the list and arrange your site assessment. Provide the site assessor with the discount coupon at the time of the site assessment.

**Note:** Fill out the following page to request a site assessment.

*Note: If the site is not located in an eligible utility service territory, the site assessment is available at full cost. Contact Midwest Renewable Energy Association for more information.*



## Solar Hot Water Site Assessment Request Form Effective July 1, 2007

Return this page to request your Focus on Energy Site Assessment discount.

I have carefully read this form. Please contact me about a renewable energy site assessment.

Contact Name: \_\_\_\_\_

Business Name (if applicable): \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
Street address City State Zip County

Site Location: \_\_\_\_\_  
Street address City State Zip County

Daytime Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

When is the best time to contact you? \_\_\_\_\_

- This assessment is for a:
- A residence (single family home)
  - A non-residential property (business, family farm, school, non-profit, government agency, multi-family building)

Water heating utility at site: \_\_\_\_\_  
(Please indicate the utility you purchase natural gas or electricity from to heat water at your site.)

Are you interested a site assessment for another renewable energy technology (provided at an additional cost)?  
Check those you are interested in:

- Wind  Solar Electric

**Mail, fax, or e-mail this form to:**

Midwest Renewable Energy Association, 7558 Deer Rd., Custer, WI 54423  
Fax: 715-592-6596 Email: info@the-mrea.org

You will be contacted in about a week of receipt to discuss your specific site assessment needs.