



Your Touchstone Energy® Cooperative 

**Application Form / Residential Solar Hot Water Rebate Program**

Customer Name \_\_\_\_\_ Telephone \_\_\_\_\_

Service Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Mailing Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

United Power Acct Number \_\_\_\_\_ Customer e-mail \_\_\_\_\_

**Equipment Details:**

Manufacturer of Solar Panels \_\_\_\_\_ # Panels \_\_\_\_\_

Model Number of Solar Panels \_\_\_\_\_

Solar Storage Tank Size (gallons) \_\_\_\_\_ Manufacturer of Tank \_\_\_\_\_

Name-Plate SRCC rating Btu / Day on a clear day/C interval \_\_\_\_\_

Is this system only for domestic hot water or is it a part of a larger system Y / N

**Equipment Orientation**

Tilt \_\_\_\_\_ ( 90 is vertical , 0 is flat )

Orientation \_\_\_\_\_ ( 180 is south , 90 is east , 270 is west )

**System Installer:**

Name \_\_\_\_\_

Mailing Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Contact Person \_\_\_\_\_ Telephone \_\_\_\_\_

**Signature:**

Customer has read the requirements associated with this program and makes application for the United Power / Residential Solar Hot Water Rebate

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_



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## United Power / Residential Solar Hot Water Rebate Requirements

The United Power / Solar Hot Water Rebate is being offered in conjunction with the State of Colorado / Governors Energy Office (GEO) solar matching grants program. The following criteria must be met before a customer can be considered for this rebate program.

- Only available to existing residential customers within the United Power service territory.
  - New construction and residential development properties are not eligible under this matching grants program.
  - Applicants must be Colorado residents. The homeowners do not have to live in the home; systems can be installed on rentals or second homes.
- Program is only available to customers with electric hot water systems.
  - Customers converting from an alternate fuel to an electric system to take advantage of this program could qualify for additional rebates under the United Power Electric Hot Water Heater program. These additional rebates would not be a part of the GEO Solar matching grants program.
- Customer must contract with a pre-approved installer from the official Program list.
  - The current list of pre-approved installers can be found at the COSEIA web-site. <http://www.coseia.org/newsite/index.php?id=133>. This list is periodically updated and installers can be added to the list by contacting the COSEIA office.
- This must be new equipment, purchased and installed on the customers' site after the official program start date of this matching grants program.
- The Solar Hot Water system must be SRCC approved and meet a minimum Btu requirement, based on the SRCC rating for clear day/C interval. The two tiers are 30,000 / 60,000 Btu/day.
  - The system must also have a minimum 50 / 80 gallons solar storage tank size depending on the size of the system.
  - The SRCC ratings can be found at [www.solar-rating.org/ratings/ratings.htm](http://www.solar-rating.org/ratings/ratings.htm).
- The system solar orientation must be documented and achieve a minimum of 80% of ideal orientation to be part of this program. Orientation performance will be calculated using the NREL program – PVWatts Calculator Version 1. / Boulder. Found at the following web-site: [http://rredc.nrel.gov/solar/codes\\_algs/PVWATTS/version1/US/Colorado/Boulder.html](http://rredc.nrel.gov/solar/codes_algs/PVWATTS/version1/US/Colorado/Boulder.html)
- The customer must receive an on-site energy audit by United Power personnel.
- Customer must obtain and provide copies of all permits and inspections.
- Customer must agree to manage trees or other shade sources.
- All participants will be required to complete and submit a GEO Program Survey to the Program Administrator as part of the rebate process.
- The GEO will conduct an on-site verification of 10% of the rebated installations. Customers that are selected must be willing to participate in this process with the GEO.
- Solar Hot Water Installations must include a 2 year installation warranty.



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## United Power / Residential Solar Hot Water Rebate Process

- **Application:** Customer has read the requirements for the United Power / Solar Hot Water program and submits a signed application with all associated information provided.
  - Rebate recipients will be selected on a first come – first served basis based on the date the original application having been received by United Power. Once the matching grants money for this program are exhausted, no further rebates will be issued unless additional funds are allocated towards this program.
- **Review:** United Power will review the customer application for accuracy and whether this applicant is qualified for this rebate program.
  - This is a pre-approval process. A customer can make changes in equipment, orientation or installers during the process but must document and receive approval from United Power for any changes from the original application.
- **Acknowledgement:** After the review, the customer will receive from United Power a letter acknowledging receipt of the application.
  - **Approval:** Summarizes the system specifications and provides documentation of the estimated rebate. This rebate will be reserved for a period of 90 days from the date of the approval letter. At the end of 90 days an applicant can ask for an extension but must be able to document or demonstrate that construction of the project is in progress. United Power holds the right to deny or extend the original application. If the Applicant fails to meet this 90 day deadline or wishes to be removed from the process, United Power will open that rebate money to the next available recipient.
  - **Denial:** Customer will be informed that their application has been denied. The basis for that denial will be explained. The customer can make the necessary adjustments and reapply with a new signed application.
- **Energy Audit:** Customer will schedule with United Power an appropriate time for an on-site energy audit. The Energy Auditor will collect the necessary data at this time.
- **Completed System Installation:** Once the system has been installed, United Power will schedule with the customer a final on-site inspection to verify the equipment and orientation of the system against the specifications from the original application. In addition, the customer will receive their energy audit documents.
- **Process rebate:** All paperwork including copies of permits, inspections and the invoice for the purchase and installation of the equipment. At this point the rebate will be processed and mailed directly to the customer in a period of 6 – 8 weeks. The GEO portion of this rebate will be included in this payment to the customer.



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## **Rebates / Residential Solar Hot Water Rebate Program**

- Only one rebate per customer.
- Applications can only be accepted and the solar equipment must be purchased after February 2, 2009. Installations must be completed by June 30, 2009.
- United Power will have a two tiered rebate:

### Tier 1:

- United Power will pay \$1,500 per solar hot water system with a minimum requirement of 60,000 Btu / day based on SRCC rating for clear day/C interval with a minimum solar tank size of 80 gallons.
- The Governors Energy Office would match this rebate and represents a total of \$ 3,000 per installed Tier 1 – system.

### Tier 2:

- United Power will pay \$750 per solar hot water system with a minimum requirement of 30,000 Btu / day based on SRCC rating for clear day/C interval with a minimum solar tank size of 50 gallons.
  - The Governors Energy Office would match this rebate and represents a total rebate of \$ 1,500 per installed Tier 2 - system.
- The customer can install additional capacity at their site but will only receive the total maximum rebate of \$ 3,000.

Return completed application and fees, if applicable, to:

United Power  
Solar Incentives  
PO Box 929  
Brighton, CO 80601

For more information, please call 303-637-1250.