

The GEO Residential Solar Grant Program



Governor's
Energy Office



ClimateSmart



Solar Domestic Hot Water Rebate Application

APPLICANT INFORMATION

Note: Systems must be installed at applicant's primary and year-round residence, located in Colorado, in order to be considered eligible for a rebate through this program.

- Applicant name: _____
- Installation address (street, city, zip, county):

- Mailing address, if different, (street, city, zip, county):

- Daytime phone: _____
- Email address: _____
- Please initial here to indicate that you do agree to manage trees and/or other potential shade sources in order to prevent future shading of the array _____
- Please initial here to acknowledge that a GEO or CoSEIA representative may contact you to request access to your property in order to perform a random visual verification of your system. Permission will be requested, advance notice will be provided, and care will be taken to minimize any inconvenience to you: _____

INSTALLATION INFORMATION

- Total system size: _____
 - *Please provide calculation of system rated output*
- Installation cost before rebates: _____
 - *Please attach final installation invoice*
- Roof or ground mount: _____
- Azimuth: _____ Tilt Angle: _____

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- Estimated percentage of optimum orientation production based on actual installation tilt and azimuth (90% is minimum allowable per program requirements): _____
- Is the array free of shade between the hours of 9 am and 3pm? If not completely shade-free, please indicate the average percentage of shading the array will receive: _____
- Date of installation completion: _____
 - *Please attach final permit signoff documentation*
- Equipment Information:

If the Solar Domestic Hot Water system is part of a larger installation that will supply for space heating or other applications, please indicate and provide a brief description of the larger system, including array size, panel types, estimated energy production, thermal storage tank size, and total cost: \$ _____

List only the equipment that is dedicated to the solar domestic hot water portion of the system below:

- Panel brand, model, power rating, quantity:

- Thermal Storage Tank brand, capacity, installation location:

- *Please attach a list of panel and storage tank serial numbers for the SDHW portion of the system only.*

INSTALLER INFORMATION

- Company name: _____
- Company phone: _____ website: _____
- Company address (street, city, state, zip, county): _____

- Project contact name: _____
- Project contact phone: _____ email: _____

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- Installation warranty term offered: _____
 - *Please attach copy of installation warranty policy*
- Client Service Agreement offered? Yes No
 - *If yes, please attach copy of service agreement*
- Payback Analysis performed? Yes No
 - *If yes, please attach a copy of payback analysis report*
- Installer Qualifications/Certifications held: _____

ENERGY AUDIT INFORMATION

Existing homes will be required to receive an energy audit from the Residential Energy Audit Program (REAP) to be eligible for the rebate. New construction homes must comply with Boulder's Building Department's GreenPoints or Buildsmart Programs.

- Audit performed by (circle):
 Program Partner Installer Non-profit Private Company Other
 - Type of audit performed (circle): REAP HERS Rating
 - Company name: _____
 - Company phone: _____ website: _____
 - Company address (street, city, state, zip, county): _____

 - Project contact name: _____
 - Project contact phone: _____ email: _____
 - Audit date: _____
 - Auditor Qualifications/Certifications held: _____

- *Please attach audit report*

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REBATE CALCULATION

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Solar Domestic Hot Water systems must meet the following minimum requirements in order to qualify for a rebate. If the minimum system requirements have been met, the system qualifies for the flat rate rebate amount as determined by the Program Partner:

- Program Partner Tier 1 rebate level: \$_____ per minimum system requirements, as follows:
 - Minimum of **60,000** BTU/day, based on SRCC rating for clear day/C interval (see <http://www.solar-rating.org/ratings/ratings.htm>, download "Summary of SRCC Certified Solar Collector and Water Heating System Ratings"), with nominal 80 gallon minimum solar storage tank size.
- Program Partner Tier 2 rebate level (50% of Tier 1): \$_____ per minimum system requirements, as follows:
 - Minimum of **30,000** BTU/day, based on SRCC rating for clear day/C interval (see <http://www.solar-rating.org/ratings/ratings.htm>, download "Summary of SRCC Certified Solar Collector and Water Heating System Ratings"), with nominal 50 gallon minimum solar storage tank size.

INSTALLER CERTIFICATION

I acknowledge by my signature that the system which I installed as indicated in this rebate application and for which this rebate application is being submitted meets the specified minimum system size and all other specified requirements:

Signature: _____

Printed name _____ date: _____

CUSTOMER CERTIFICATION

I acknowledge by my signature that the system which I installed as indicated in this rebate application and for which this rebate application is being submitted meets the specified minimum system size and all other specified requirements:

Signature: _____

Printed name _____ date: _____

APPLICATION SUBMISSION INFORMATION

- Rebates will be offered at \$3,000 per system, with the following minimum qualifications met:
 - Completed the GEO rebate form.
 - Existing homes will be required to receive an energy audit from the Residential Energy Audit Program (REAP) to be eligible for the rebate. New construction in the jurisdiction

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- of Boulder's Green Points or the County's BuildSmart program will meet efficiency performance requirements through those regulations.
- All applications must have a quote that details system performance from a CRC pre-qualified installer.
 - Systems will be required to meet GEO's minimum performance requirement of 60,000BTU/day. Minimum of 60,000 BTU/day, based on SRCC rating for clear day/C interval (see <http://www.solar-rating.org/ratings/ratings.htm>, download "Summary of SRCC Certified Solar Collector and Water Heating System Ratings"), with nominal 80 gallon minimum solar storage tank size.
 - Rebates will be paid directly to the homeowner upon completion of the installation as verified by the installer.
 - An option for the homeowner to sign the rebate check over to the installer will be offered in cases where the installers 'float' the rebate for their customers.

Lottery information:

Rebates will be offered in a lottery format. The applications will be accepted for the lottery for two weeks. Closing date for the lottery will be **Friday, July 25th at 5:00 PM MST** unless the minimum offering isn't met. In which case, it becomes a first come, first serve until rebates are completed.

Rebate applications will be accepted electronically, the first 16 applications drawn will receive a confirmation letter that guarantees them a rebate payment so long as their system is installed by the end of 2008. A waiting list will be generated in case the any of the first 16 applicants do not complete installation.

APPLICATION CHECKLIST

CHECKLIST ITEM:

DATE COMPLETED:

- Completed rebate application form _____
- Attachments:
 - Installer Invoice: _____
 - System output calculation _____
 - Permit final approval/signoff: _____
 - One-line Diagram of installation: _____

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- Equipment Serial Numbers: _____
- Installation warranty policy: _____
- Service Agreement (if applicable): _____
- Payback Analysis (if applicable): _____
- Customer "Assignment of Rebate to Installer" form (if applicable): _____
- REAP Energy Audit Report: _____
- Installer Certification signed: _____
- Customer certification signed: _____
- Date application submitted: _____
 - By whom: _____

Please allow 4-8 weeks to receive approved rebate. *Information contained in this rebate form will be used for the sole purpose of program implementation and general data collection, and will remain confidential.*