



2023 HOME ENERGY-EFFICIENCY REBATE PROGRAM

Solar Thermal Water
Heating

SWH Add-on Measure to SoCalGas Home Energy-Efficiency Rebate Program

- *Single Family residential customers purchasing and installing qualified energy-efficient products in existing SF detached homes & attached homes (up to a four-plex).*
Note: New Construction does not qualify.
- *Authorized Rebate Program through 2023*
- *Scaled Rebate Depending on Water Heating System Efficiency Installed (e.g, ENERGY STAR®)*
- *Recommended NABCEP (North American Board of Certified Energy Professionals) Installed Certification Training.*
- *The service territory covers 12 counties & included most of the region's heavily populated areas, with the exception of the city of Long Beach and county of San Diego.*

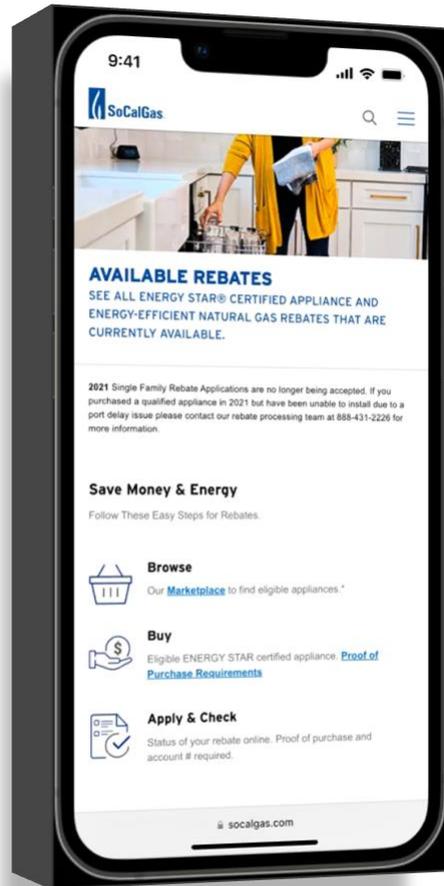


* SLO, Tulare, Kings, Kern, Ventura, LA, Orange, San Bernardino, Riverside, Imperial, Santa Barbara, & Fresno*

Application Timeline

- » **Select and Purchase:** Qualifying product(s) must be purchased and installed between January 1, 2023, and December 31, 2023, to be eligible for a rebate.
- » **Install:** Qualifying product(s) must be installed prior to submitting a rebate.
 - A licensed North American Board of Certified Energy Professionals (NABCEP) contractor is highly recommended for installation. Refer to NABCEP website for eligible participating contractors.
- » **Submit Rebate Application:** Customers must sign, print their name, and date application. Provide paid receipt(s) or proof of purchase. Applications must be postmarked December 31, 2023, or earlier, to be eligible for a rebate.
 - Applications must be submitted by the SoCalGas customer.
 - ALL applications are processed on a first-come, first-served basis upon receipt until funds are depleted. INCOMPLETE or INCORRECT APPLICATIONS CANNOT BE PROCESSED. Resubmitted applications are processed on a first-come, first-served basis upon the new receipt date.
- » **Third-Party Verification:** A third-party verifier may inspect the installation and confirm that it meets all requirements.
- » **Receive Rebate Payment:** If all program requirements are met, a rebate check is generally mailed within 6 to 8 weeks.

How to Apply:



Customers may apply:

- ❑ Online Applications Easiest method for customer to fill out & faster to process.
- **Website: Link:** (here) <https://www.socalgas.com/save-money-and-energy/rebates-and-incentives/natural-gas-appliance-rebates>

- **URL for Mobile Customers:** [socalgas.com/Rebate](https://www.socalgas.com/Rebate)

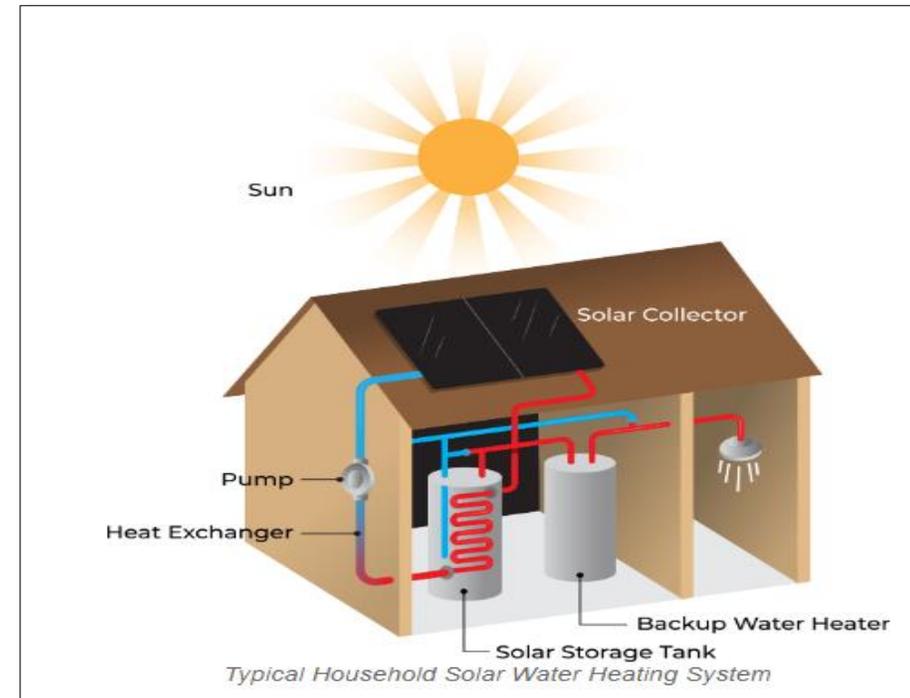
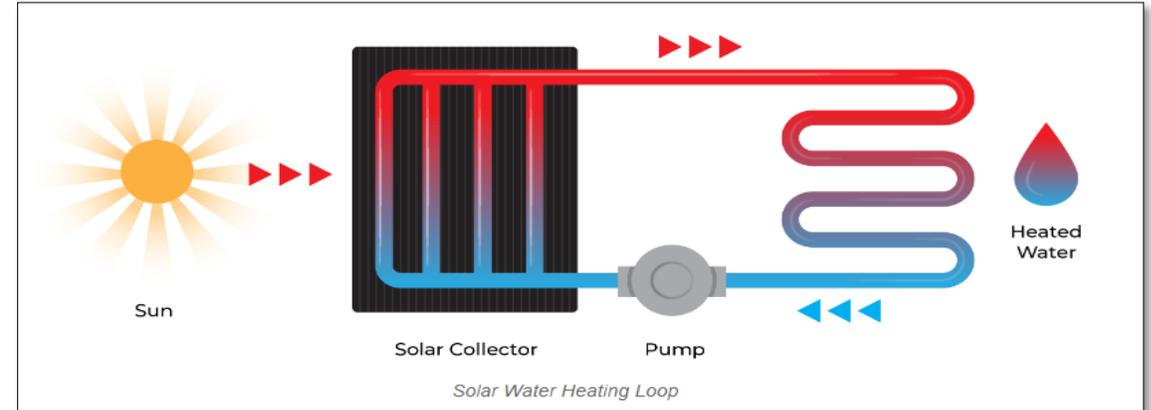
- ❑ through My Account: [socalgas.com/MyAccount](https://www.socalgas.com/MyAccount)

- ❑ Mail-in Rebate Application
- **SoCalGas, Residential Solar Thermal Water Heater Rebate**
P.O. Box 512670,
Los Angeles, CA 90051-0670

Qualifying Solar Systems

- System Type: Indirect Systems only (currently). No direct systems.
 - Gas storage (tank-type) or gas tankless backup
- Solar System Installed Orientation and Slope
 - Azimuth: 180 (South) +/- 40 degrees.
 - Slope: 10-50 degrees from horizontal.
- Certification Requirements
 - OG-100 certified solar collector
 - OG-300 certified system
 - ENERGY STAR certified system
- Sizing Requirements
 - Based on the number of bedrooms as a proxy for occupants (see table below). Single Family SHW System Sizing Table.
 - ENERGY STAR specifies a load size for each certified SWH based on collector array area. Available from ENERGY STAR or SRCC directory.

Number of Bedrooms	Very Small (10 GPD)	Low (38 GPD)	Medium (55 GPD)	High (84 GPD)
1	x	x		
2		x	x	
3			x	
4			x	x
5				x



Installation Requirements

- » SoCalGas recommends that all equipment to be installed by a CSLB licensed contractor with NABCEP certification.
 - NABCEP Certification is provided to installers by the North American Board of Certified Energy Professionals (NABCEP)
 - See the [NABCEP Certification Directory](#) to locate a qualified installer and get their installer certification number.
- » Be prepared to participate in any required verification of installation(s).
 - SoCalGas or another third party will verify the solar thermal water heating system.

Product Specifications - ENERGY STAR® Solar Thermal Water Heating Systems

The Certified ENERGY STAR Solar Water Heating Systems must have a Solar Uniform Energy Factor (SUEF) of 1.8 or greater.

Solar Thermal Water Heating System Information:*

Date Purchased _____ Date Installed _____

- **Solar Thermal Water Heating System Installed:** G-300 SHW System Certification: Manufacturer Name: _____ Certification #: _____ ** Click [Here](#) for the SRCC Listing Directory.

- **Solar Thermal Collector Installed** - Manufacturer Name: _____ Model OG-100 Certification # Icon _____**

• Collector Orientation _____ Slope _____

• Sizing: Very Small Low Med High

• Type: Indirect

New Back Up Hot Water Heater Information (tank, tankless, storage)

Date Purchased _____ Date Installed _____

Serial # _____ Model # _____

ENERGY STAR Solar Thermal Water Heating System Rebate

ENERGY STAR Solar Thermal Water Heating System with an ENERGY STAR Tankless Gas backup (.95 UEF or above) replacing a Tankless Gas Water Heater – **\$4,500 rebate**

ENERGY STAR Solar Thermal Water Heating System with an ENERGY STAR Tankless Gas backup (.95 UEF or above) replacing a Storage Gas Water Heater – **\$4,500 rebate**

ENERGY STAR Solar Thermal Water Heating System with an ENERGY STAR Storage Gas backup (up to 55 gallons) replacing a Storage Gas Water Heater – **\$3,500 rebate**

ENERGY STAR Solar Thermal Water Heating System with a NON-ENERGY STAR Tankless Gas backup (.82 UEF or above) replacing a Tankless Gas Water Heater – **\$3,000 rebate**

ENERGY STAR Solar Thermal Water Heating System with a NON-ENERGY STAR Tankless Gas backup (.82 UEF or above) replacing a Storage Gas Water Heater – **\$3,000 rebate**

ENERGY STAR Solar Thermal Water Heating System with a NON-ENERGY STAR Storage Gas Water Heater (up to 55 gallons) backup replacing a Storage Gas Water Heater – **\$2,500 rebate**

Incentive levels are subject to change.

How to Qualify for ENERGY STAR®



- » Manufacturer must be an ENERGY STAR partner ([apply online for free](#))
- » Minimum Requirements for System
 - OG-300 certification
 - SUEF ≥ 1.8 (for gas backup systems)
 - Minimum warranty requirements
 - > 10 years for collector
 - > 6 years on sealed system
 - > 2 years on controls
 - > 1 year on piping & parts
- » Must report annual sales of certified products to EPA.
- » Annual renewal required.

What is Solar Uniform Energy Factor (SUEF)?

Total Area of Solar Collector Array*	DOE Draw Pattern**	SoCalGas House Size (Bedrooms)
0 – 24 ft ²	Very-Small Usage (10 gpd)	1
24 – 38 ft ²	Low-Usage (38 gpd)	1,2
38 – 64 ft ²	Medium-Usage (55 gpd)	2,3,4
> 64 ft ²	High-Usage (84 gpd)	4,5

- » Performance metric based on DOE Uniform Energy Factor (UEF).
- » Generated through TRNSYS computer modeling.
- » Available for any OG-300 certified system.
- » Size of hot water draw pattern used based on total solar thermal array size.

ENERGY STAR® Certification Process for Manufacturers

Step 1: Register as an ENERGY STAR Partner

Step 2: Get OG-300 Certification and SUEF

Step 3: Apply for ENERGY STAR Certification from SRCC

Step 4: Evaluation and Posting on SRCC and EPA Websites

Finding System Information for SoCalGas Forms

» [SRCC OG-300 Directory](#)

Select rows below to compare	OG-300 Number	Manufacturer	Brand Name	Model	Solar System Type	Backup Heater Type	Total Collector Area(ft ²)	[CCZ 1 - Arcata] Solar Fraction (SF)	ENERGY STAR®	Expiration Date	Canada Single Day Savings
<input type="checkbox"/>	30003791	Solahart Industries	Solahart	ASE 302J & ASE 302J Free Heat	Thermosiphon	Electric Tank	43.12	0.37	★	03/01/24	
<input type="checkbox"/>	2006007C	Alternate Energy Technologies, LLC	EagleSun DX	DX-80-64	Pumped	Electric Tank	65.34	0.60	★	11/01/23	6.71
<input type="checkbox"/>	2010017C	Alternate Energy Technologies, LLC	EagleSun	DBS-G2-80-64	Pumped	Gas Tank	65.34	0.54	★	11/01/23	8.14
<input type="checkbox"/>	30004355	Acevedo Solar Systems LLC	Acevedo Solar System	Solar Water Heater Unit 2-20	Thermosiphon	Electric Tank	36.34	0.39	★	05/01/24	
<input type="checkbox"/>	30004373	Universal Solar Products, Inc.	USP	D120-18	Thermosiphon	None	71.90	0.41	★	02/01/24	
<input type="checkbox"/>	30004305	SAMMLER B MICHALOPOULOS AEBE	A Series	A169	Thermosiphon	Gas Tankless	27.08	0.46	★	11/01/23	
<input type="checkbox"/>	30004353	Dimas SA	Aria	Aria 300-4 EL	Thermosiphon	Electric Tank	43.49	0.48	★	11/01/23	
<input type="checkbox"/>	2010048C	Rheem Water Heaters	RHEEM SOLPAK	RS120-64BP-TG	Pumped	Gas Tankless	65.67	0.67	★	03/01/24	8.98
<input type="checkbox"/>	30004380	Solahart Industries	Solahart	ASTG 181J & ASTG 181J Free Heat	Thermosiphon	Gas Tankless	21.56	0.42	★	03/01/25	
<input type="checkbox"/>	30004361	Dimas SA	Aria	Aria 300-3 EL	Thermosiphon	Electric Tank	31.46	0.37	★	11/01/23	
<input type="checkbox"/>	30004356	SYRIUS Solar Industry	SYRIUS	TS-304ECO/INOX	Thermosiphon	Electric Tank	44.35	0.52	★	06/01/24	
<input type="checkbox"/>	30004351	Heliodyne, Inc.	HELIO-FLO	HF 1 408 G 60 AC S E	Pumped	Electric Tank	32.22	0.50	★	11/01/23	



» [SRCC Listing Directory](#)

MOD
The solar heating and/or cooling products listed below have been evaluated by the Solar Heating & Cooling Institute (SHCI) (ICC-SRCC®), an ISO/IEC 17065 accredited and EPA-recognized Certification Body, in accordance with the SRCC Listing Procedure for Solar Thermal Listing Reports, and the specific standards and criteria.

ENERGY STAR® Cert. No.™	System Type	Backup Water Heater	Model Number	SUEF‡	SUEF Draw Pattern‡	OG-300 Cert No.⁵
2408012	Indirect Pumped	Electric Tank	EagleSun DX-80-40	3.5	Medium (55 gpd)	2006007A
2407946	Indirect Pumped	Electric Tank	EagleSun DX-80-64	99.0	High (84 gpd)	2006007C
2408013	Indirect Pumped	Electric Tank	EagleSun DX-120-64	5.8	High (84 gpd)	2006007E
	Indirect					



Glad to be of service.®

Want More Information?

ENERGY STAR® LINKS

- » [ENERGY STAR Water Heater Directory](#)
- » [Manufacturer Partner Registration](#)
- » [Unit shipment information](#)
- » [Brand and Logo Use](#)

SoCalGas LINKS

- » [SoCalGas Rebates Webpage](#)
- » [Mail-In Application Form](#)
- » [Online Application Form](#)
- » [Getting to Know Your Solar Water Heater](#)

SRCC LINKS

- » [ENERGY STAR Certification Program Summary](#)
- » [SUEF Metric information](#)
- » [SRCC Directories](#)
- » [SRCC FAQ](#)
- » [SRCC Application Portal](#)

QUESTIONS?