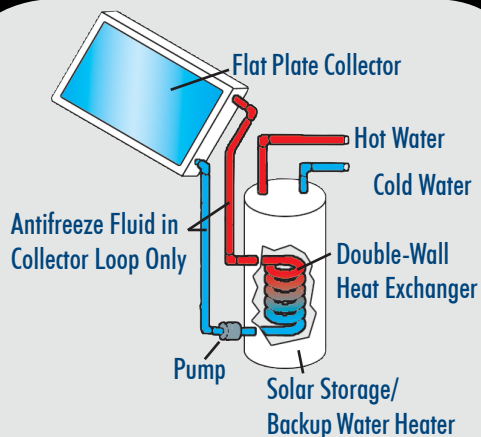


How Does Solar Water Heating Work?



Active, Indirect Solar Water Heater

The diagrammed system is “active” (it has a pump) and “indirect” (it heats a freeze-proof fluid in the collector, not water).

- The flat plate collector gathers the sun’s heat energy.
- It heats a transfer fluid (such as glycol) that circulates in tubes through the water heater, heating the water without mixing with it.
- An extra-large tank provides storage and supplementary electric or gas heating for cloudy days.
- The solar system is typically sized to provide 55% to 75% of your family’s year-round hot water needs.

e+ Products & Services

Solar Water Heating

Rebate Program



City of Tallahassee Utilities

850-891-4968

Talgov.com/YOU

Revised: February 12, 2018



#1 Public Utility
in America

City of Tallahassee
Your Own UtilitiesSM

How Much Money Can You Save?

Instant Savings: \$450 Rebate

An application form is available at Talgov.com/YOU. See the online application for current eligibility and installation requirements.

Year Around Savings:

For most families, water heating is the third largest energy expense after home heating and cooling. Installing a solar water heater can make a big reduction on your energy bill. Savings depend on family size and hot water use.

To find your savings, use the Florida Solar Energy Center's online calculator.

Go to www.fsec.ucf.edu and search "Solar Water Heater Calculator."

Solar Water Heating And YOU

Sunshine provides a clean, abundant source of renewable energy. Averaging over 200 sunny days each year, Tallahassee is a natural place to use the power of the sun.

Who May Participate:

Any City of Tallahassee electric utility customer may apply for a solar water heater rebate.

Additional Help:

Need additional information? Call 891-4968 or visit the website at Talgov.com/YOU.

Schedule a free home energy audit. Ask about the City's energy-efficiency loan program eligibility and application.

Is Solar Water Heating Right For Your House?

In general, consider these factors:

■ Orientation

A sloped roof facing south provides the best collector location.

■ Shade

If your roof is shaded to the south, a ground-mounted system may work.

■ Roof Condition

Your roof must be in good condition and able to support the weight of a solar collector. Have it inspected by a qualified contractor.

■ Family Size

Solar water heating is most economical for larger families (more than three household residents).

For More Information:

Visit Talgov.com/YOU. In addition to information on rebates and loans, there are helpful links to research publications, tax credits and federal energy materials. There's even a map of solar photovoltaic installations in our community.

