

Solar Hot Water

For Your Home





Solar Hot Water

It is one of the most economical solar energy technologies available to you today. A solar hot water heater uses the sun's energy rather than electricity or gas. Imagine 50% to 80% of your hot water heated by the sun!

Photo courtesy of Sun Systems



This home takes advantage of the abundant sunshine in **ARIZONA**. The single flat plate solar collector, so well integrated that it is barely noticeable on the tile roof, is used to heat a large portion of the water for this family.

Solar water heating is an excellent choice for homes even in the often-rainy Northwest. The rooftop solar system on this **OREGON** home heats ample water for this family's busy lifestyle.



Photo courtesy of Eugene Water and Electric Board

Photo courtesy of Rhode Island Energy Office and ENTECH Engineering



Even in the Northeast, solar water heating is an excellent option, especially for the residents of Block Island, **RHODE ISLAND**, where electrical rates are high and propane is used to heat water. This homeowner is able to get most of his hot water from two collectors that resemble skylights.

Solar Hot Water

The Right Choice for Your Family

“In our Oregon household with two active teenagers, we never run out of hot water. Our system has never malfunctioned, and I feel good knowing that I save money and conserve energy resources.”

— Diane K. Baldwin,
homeowner, Oregon

Photo courtesy of Hawaiian Electric Co., Inc.



The U.S. Navy installed solar hot water systems on 136 residences in this family housing community in **HAWAII**, substantially reducing tons of pollutants every year.

Photo courtesy of NREL



These single flat-plate collectors are aesthetically integrated into this new home construction in the Southwest.

Photo courtesy of Subrato Chandra



The solar water heating system used on this **FLORIDA** home requires no moving parts and provides nearly half of the family's hot water needs. It is an excellent choice for reliability and energy savings.

Solar Hot Water

Clean & Safe.

Solar hot water systems produce clean, non-polluting energy. A single hot water system can offset the equivalent of approximately 40% of the carbon dioxide emissions of a modern passenger car. They are safe for our environment, safe for plants and animals, and safe for all of us.

Cost Effective & Reliable.

A properly installed system will require little maintenance and has an expected life of more than 20 years. Potential annual savings of 80% of your hot water costs make solar hot water systems a wise investment.

Attractive & Easy to Operate.

Today's technology integrates beautifully with your home and requires little attention or special training. Solar hot water is the right choice for your family.



Photo by Rex Windom



One of the nation's largest production homebuilders incorporated solar water heating into this **NEVADA** home.

For more information:

Visit the Department of Energy's Energy Efficiency and Renewable Energy website at: **www.eren.doe.gov**

Call or email the Energy Efficiency and Renewable Energy Clearinghouse at:

1.800.363.3732

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