

## Web Resources and Links

TVA Generation Partners Program  
Tennessee Solar Institute

Tennessee Incentives for Renewables and Efficiency  
NABCEP - North American Board of Certified Energy Practitioners  
Southern Alliance for Clean Energy A great resource for information about clean energy, conservation, renewables, clean air and water.  
USGBC Middle Tennessee Chapter - The U.S. Green Building Council (USGBC) is the nation's leading non-profit coalition for advancing buildings that are environmentally responsible, profitable and healthy places to live and work. Major programs supporting its mission include the Council's Leadership in Energy and Environmental Design (LEED®) Green Building Rating System™; LEED Workshops; LEED Professional Accreditation; the Greenbuild International Conference & Expo; and a robust local chapter program.  
Tennessee Environmental Council

Kilowatt Ours A plan to re-energize America. Home of the film Kilowatt Ours and resource for energy efficiency, conservation, and renewables.

Greener Nashville

Home Power Magazine A great resource to keep up with what others are doing in the renewable energy and efficiency fields.

Energy Star - Protect our environment for Future Generations - US Environment Protection Agency, US Department of Energy. Understand the energy profiles of products, Home Improvement, Buildings and Plants, and New Homes.

The Energy Right Program from your local public power company and TVA is designed to help you save money and gain efficiency in your home and business energy usage.

National Geographic Products Guide

In-Depth Energy Policy Analysis

The Consumer Energy Center went on line in 1995 to offer the public a one-stop site on the Internet for the latest information about energy resources and how to use them wisely in our home, work and vehicles.

Energy Savers: Tips on Saving Energy and Money at Home

This online guide can help you make your home more energy efficient.

Energy Star® Home Improvement Toolbox

These tools can help you save money and energy when remodeling, repairing, or improving your home.

## Energy Star® Products

Here's a list of appliances, electronics, and building products that meet Energy Star's rigorous energy efficiency requirements.

Energy information about your state - Department of Energy database

RenewableEnergyAccess.com was started in 1998 by a group of Renewable Energy professionals who wanted their work to relate to their passion for renewable energy. With this passion and the desire to create a long term sustainable business, we have created perhaps the single most recognized and trusted source for Renewable Energy News and Information on the Internet.

## Other Calculators and Tools:

Clean Power Estimator -Clean Power Estimator™ is an economic evaluation software program the California Energy Commission is licensing for use from Clean Power Research. The program provides California residential and commercial electric customers a personalized estimate of the costs and benefits of investing in a photovoltaic (PV) solar or small wind electric generation system.

The program takes into consideration customer-specific information in order to provide the best estimate of a given system's costs and benefits. This information includes the estimated cost of the particular system under consideration, the customer's location, electric rate schedules, and other customer information.

List of Decision-Making Tools from the U.S. Department of Energy [http://www1.eere.energy.gov/solar/decision\\_tools.html](http://www1.eere.energy.gov/solar/decision_tools.html)

The CECPV Calculator is a detailed hourly calculation tool based on the 5-parameter model developed by Dr. Beckman's group at the University of Wisconsin, incorporating detailed inverter performance modeling and uses the weather data from the 16 climate zones in California

Here are some decision-making tools to aid you in the process of learning about and using energy-efficient and solar electric technologies and products. Your home's energy efficiency is very important; because energy efficiency reduces the costs of energy use, it should be taken into consideration as you decide on the best solar electric power system for your needs. In fact, we recommend making your house as energy efficient as possible before considering a photovoltaic or PV system, because then you might not need such a large system, especially for heating and cooling.

## Consumer Software for Residential Energy Analysis

This list of computer software programs can help you analyze your home's energy use and the impact of energy-efficient design features.

## Home Energy Saver

To use this online do-it-yourself home energy audit tool, all you need is your zip code. Based on your zip code, the tool can tell you how you can make your home more energy efficient.

### NASA's Surface Meteorology and Solar Energy Data

This is a renewable energy resource web site sponsored by NASA's Earth Science Enterprise Program that contains over 200 satellite-derived meteorological and solar energy parameters, monthly averaged from 10 years of data, and data tables for a particular location.

### Renewable Resource Data Center (RReDC)

The RReDC provides information on several types of renewable energy resources in the United States, in the form of publications, data, and maps.

### RETScreen Renewable Energy Project Analysis Software

This free software can be used worldwide to evaluate energy production, life-cycle costs, and reductions in greenhouse gas emissions for various types of renewable energy technologies.

### Simply Insulate

The North American Insulation Manufacturers Association provides information on how to lower your energy usage by properly insulating your home. Included are calculators to determine your energy savings through home insulation, and ways to determine the recommended amount of insulation depending on the state you live in. The site also includes resources on state financial incentives for installing and purchasing insulation.

### Consumer Sites

<http://www.efficientwindows.org> - Efficient Windows Collaborative (EWC) members have made a commitment to manufacture and promote energy-efficient windows. This site provides unbiased information on the benefits of energy-efficient windows, descriptions of how they work, and recommendations for their selection and use. Take a look to learn more!

<http://www.ase.org/> - The Alliance to Save Energy promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment, and greater energy security. Energy efficiency is the quickest, cheapest, cleanest way to extend our world's energy supplies.

Discover Your Own Energy-Saving \$uper Powers With the Energy-Efficiency Tips and Resources on The Alliance to Save Energy's Consumer Web Site!

<http://www.southface.org/> - Welcome to Southface online, where you'll find easy ways to save energy, conserve water and preserve the environment. Whether you're searching for tips, registering for an educational course or hoping to become more involved in our ongoing programs, we're glad you're interested in our work.

<http://www.eeba.org/> - Welcome to the Energy & Environmental Building Association (EEBA)<sup>TM</sup> -To provides education and resources to transform the residential design, development and construction industries to profitably deliver energy efficiency and environmentally responsible buildings and communities.

<http://www.homeenergy.org/> - To read the latest news on energy-efficient, durable, comfortable, green homes, sign up for a full membership to Home Energy Magazine online.

#### Manufacturer Sites

Calculate the output of a solar electric system - Solar calculator allows you to determine the output of your proposed solar system based on local sunlight statistics, local rates, and solar panel characteristics

[HomepowerMonitoring.com](http://HomepowerMonitoring.com) - Understand the electricity usage of household appliances.

[SustainableMedia.net](http://SustainableMedia.net) - Educational video to help Solar Installers educate their prospective customers.

The Energy Grid . Powerful Internet Marketing Strategies for the Renewable Energy Industry.

Lux lucet in tenebris: "The light shines in the darkness, and the darkness did not overcome it"