

## REBATE PROGRAMS

### FEDERAL

Tax Credits are available for qualified solar water heating and photovoltaic systems.

#### Solar

- ◆ System placed in service from January 1, 2006 through December 31, 2016
- ◆ Credit is 30% of the cost of a photovoltaic system
- ◆ Credit is 30% of the cost of a solar water heater
- ◆ Maximum credit is \$2,000
- ◆ Separate from the \$500 home improvement credit

#### Small Wind Systems

- ◆ System placed in service from January 1, 2008 to December 31, 2016.
- ◆ Credit is for 30% of the cost of the system
- ◆ Maximum credit is \$500 per half kilowatt of capacity not to exceed an overall maximum of \$4,000.

For more details and the most up-to-date information:

<http://www.energystar.gov/>

### STATE

Some rebates and incentives are available. Go to <http://www.colorado.gov/energy/>

### CITY

Fountain Utilities is creating a rebate program for our customers. Please check our website for more information and updates as this program develops. <http://www.fountainutilities.org>

### RESOURCES

There are a multitude of resources available on the Web to support solar energy. Here are a few resources:

[http://www.greenenergy360.org/solar/solar\\_PV\\_payback.php](http://www.greenenergy360.org/solar/solar_PV_payback.php)

<http://www.solarhome.org/>

<http://www.nrel.gov/rredc/pvwatts/>

<http://www.infinitepower.org/calculators.htm>

<http://www.findsolar.com/index.php?page=rightforme>

## CONTACT US

### CITY OF FOUNTAIN

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Fountain, CO 80817

### CONSERVATION & SUPPLY MANAGER

Curtis Mitchell • (719) 322-2040  
[conserve@fountainutilities.org](mailto:conserve@fountainutilities.org)

### UTILITIES CUSTOMER SERVICE

(719) 322-2010  
[customerservice@fountainutilities.org](mailto:customerservice@fountainutilities.org)



Kimball Wind Farm—Nebraska

### STATE OF COLORADO

#### GOVERNOR'S ENERGY OFFICE

1580 Logan Street, Suite 100  
Denver, CO 80203  
(303) 866-2100

#### CENTRAL REGIONAL REPRESENTATIVE

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## Considering Renewable Energy?

... a homeowner's guide



Little Ranches—Fountain, Colorado

**“The City of Fountain Utilities Department is committed to building a sustainable future through development of conservation programs to support wise use of energy and water resources.”**

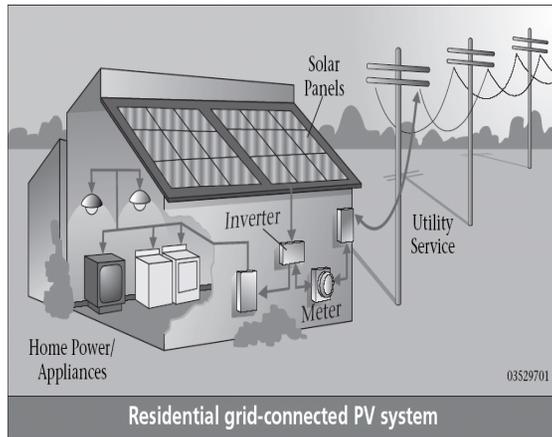
Curtis Mitchell: Conservation & Supply Manager

[www.fountainutilities.org](http://www.fountainutilities.org)

## RENEWABLE ENERGY WHAT IS IT?

Renewable Energy is an energy source that occurs naturally and is very abundant. In contrast, fossil fuels draw on exhaustible resources like coal, oil and natural gas that will eventually diminish. The most common renewable resources for homeowners are solar and wind.

As you consider renewable energy alternatives, also include conservation measures like insulation and energy-efficient appliances and lighting that can reduce your overall energy needs.



### How does solar work?

Solar works by capturing renewable energy from the sun through photovoltaic panels that convert the sun's energy into a form of electricity. Homeowners can use this power for:

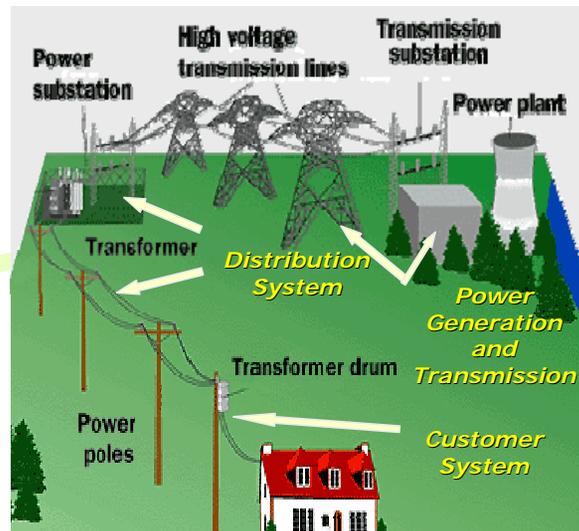
- ◆ Running Appliances
- ◆ Lighting your Home or Garden
- ◆ Running your Central Heating or Cooling System

### How do I calculate the size of the system needed for my home?

A common size for a system that will generate power for a residential home, is 1,000 watts. This system size will need a 100-200 square foot area of physical space that is located in bright sunlight. This is dependent upon the type of photovoltaic panels used and the expectation of power to be generated.

If, at any time, your system generates more power than you need, the City of Fountain will buy back the excess Net Energy generation. The Net Energy payback rate is the Energy Charges plus the Electric Cost Adjustment (ECA) charge on your bill. For more information on calculating this payback please go to <http://www.fountainutilities.org>.

*We are proud to say that Fountain Utilities provides an average of 14% renewable green energy to its customers.*



### Where do I begin and what is the process?

Determine project size and goals – what percentage of your energy consumption do you want to meet with solar?

Check on available tax incentives and rebates.

Select a qualified/ certified contractor/supplier for the solar system.

Obtain the interconnection agreement from the Fountain Utilities Customer Service office or our website and acquire the necessary building permits.

Install the system and get the necessary inspections.

Receive authorization to interconnect and place the system in operation.

### How do I determine the basic costs?

Retail Price for Solar System (include labor/all components and building)	
Federal Tax Credits	-
State/Local Tax Credits	-
Rebate/Other Incentives	-
<b>Net Investment</b>	<b>\$</b>