



## 2013 Federal Tax Credits for Renewable Energy Improvements

- Renewable energy projects must be installed from January 1, 2009 through December 31, 2016.
- Second homes and rentals apply for renewables.

There is no maximum applied to geothermal **heat** pumps, **solar water** heaters, **solar** panels, fuel cells, and wind generators. These are all eligible for a 30% tax credit with no upper limit.

### Criteria for Renewable Energy Measures (no maximum)

Product Type	Tax Credit Specification	Tax Credit
Geo-Thermal Heat Pump	Same criteria as ENERGY STAR: Closed Loop:      Open Loop:      Direct Expansion: EER >= 14.1      EER >= 16.2      EER >= 15 COP >= 3.3      COP >= 3.6      COP >= 3.5	30% of <b>installed</b> cost
Solar Water Heating	At least half of the energy generated by the “qualifying property” must come from the sun. Homeowners may only claim spending on the solar water heating system property, not the entire water heating system of the household. The credit is not available for expenses for swimming pools or hot tubs. The water must be used in the dwelling. The system must be certified by the Solar Rating and Certification Corporation (SRCC).	30% of <b>installed</b> cost
Photovoltaic Systems	Photovoltaic systems must provide electricity for the residence, and must meet applicable fire and electrical code requirement.	30% of <b>installed</b> cost
Residential Small Wind Turbines	Has nameplate capacity of not more than 100 kilowatts.	30% of <b>installed</b> cost
Residential Fuel Cell and microturbine system	Efficiency of at least 30% and must have a capacity of at least 0.5 kW.	30% of the cost, up to \$500 per .5 kW of power capacity

## Your Available Federal Tax Credit Worksheet

*Federal Tax Credit Available on Renewable Investments (30% of total cost, no upper limit)*

- Geo-Thermal Heat Pump      \$ \_\_\_\_\_      X .30 =      \$ \_\_\_\_\_
- Solar Water Heating      \$ \_\_\_\_\_      X .30 =      \$ \_\_\_\_\_
- Photovoltaic Systems      \$ \_\_\_\_\_      X .30 =      \$ \_\_\_\_\_

**Your Total Available Federal Tax Credits\*:**      \$ \_\_\_\_\_

*\* You are responsible for filing all necessary documentation with the Federal government to earn any available tax credit. Dr. Energy Saver™ makes no representation that you will qualify for these specific available tax credits.*