



Pinellas County Florida 2010

Solar Coil Model SC 092809 BK

Solar Rating and Certificate Corporation (SRCC)

To understand the Ratings and Testing Data visit this web site

<http://www.solar-rating.org/ratings/ratings.htm>

For Solar Coil Rating and a copy of our rating certificate visit this web site at the SRCC

https://securedb.fsec.ucf.edu/srcc/collector_search?action=SEARCH&mcompany=309

In summary:

Solar Coil is rated at 6200 KWH per day or 188583 per month

In Pinellas County the average rate is **\$0.125** per KWH

The estimated energy output is **\$23.57** per month **\$282.88** per year

Now to estimate the saving for the average customer you need to know

- 1.) Number of people
- 2.) Amount of hot water usage per day or month
- 3.) Cost of energy at that location electric or gas
- 4.) Rating on current hot water system
- 5.) Time of day for hot water usage
- 6.) Temperature setting of current water heater

Then you need:

- 1.) Number of sunny days at that site
- 2.) Angle of roof sun exposure

As you can see it's not possible to guarantee your customers a fixed amount of return on the investment

Based on the US Department of Energy

the average household's cost for hot water

\$487.67

Read this on their web site

per Year

<http://www.consumerenergycenter.org/home/appliances/waterheaters.html#solar>

Based on the assumption used by the Department of Energy

and the rating from the SRCC, Solar Coil can save you up to

58%

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