

Solar Savings Worksheet

Go Solar It Makes Cents

Return on Investment

US Bonds	2.4%
S&P Index	8.4%
Solar	21.3%

Sunshine Makes Cents!!



NE Florida hot water usage is estimated at 9% of the electric bill per person in the household. *

Family of four = 36%

Family of two = 18%

*Study done by Navigant Consulting a third party expert on energy

Total of 12mths utility bills \$_____

(a) Divide by 12 \$_____

(b) Multiply # of people in Household x 9% \$_____

Multiply (a) x (b)
(cost of water heating per month) \$_____

Multiply by 80% solar fraction

Est. mthly solar savings: \$_____

Multiply by 12 months \$_____

Brought to you by:

Energy Conservation Services of North Florida Inc.
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Go Solar It Saves
Dollars
And
Makes Cents



Why Solar Thermal?

In the world today solar is viewed as an electricity producing technology. While one of the solar technologies does just that...it produces electrical current to provide power. However, there is another solar technology that is often overlooked and that is Solar Thermal which offsets kwh instead of creating them. The good news is **Solar Thermal. Solar Thermal technology is 80% efficient** and is a proven technology.

What does this really mean? If you are looking to Go Solar you should begin with Solar Thermal (water heating) and then add PV. In doing so you actually displace a very large electric consumer (your water heater) before you start producing power to supply your home.

Why do this? It is the best way to obtain a high ROI and a short pay-back.

Think about this when replacing your Electric Water Heater...

Electric Water Heater:

Installed Cost	\$1000
Annual Operating Cost	\$568
Longevity (10 Years)	
Total 10 year Cost	\$6680

Or

Solar Water Heater:

Installed Cost	\$5400*
Annual Operating Cost	\$35
Longevity (10 years)	
10 year Cost before Incentives	\$5750
Less Fed Tax Credit 30%	\$1620
Less Utility Incentive (JEA)	\$800
True Cost	\$3300

*Standard install cost for a family of four or less.



Financing Options:

For credit scores of 650 or better financing is available. Often the payment equals or is less than the monthly savings incurred.

Participating Partners:

Admirals Bank

Compass Bank

Service Finance

Benefits:

- Increase Value of Home
- Energy Independence
- Own a mini-utility
- Reduce Energy Expenses
- Support US Economy
- Environmentally Responsible



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