

# HOW MUCH WILL SOLAR PANELS REALLY SAVE YOU?

TODAY, 6.2 MILLION HOMES ARE POWERED BY SOLAR! BUT IS THIS RENEWABLE ENERGY ACTUALLY WORTH THE COST?

## INSTALLATION COST OF SOLAR PANELS

The upfront cost of installation sometimes discourages people from investing in solar.

**MOST HOMEOWNERS IN 2017 WILL PAY BETWEEN \$2.87 AND \$3.85 PER WATT TO INSTALL SOLAR.**

### INSTALLATION IS BASED ON SYSTEM SIZE:

5kW solar energy system cost:	\$11,060
6kW solar energy system cost:	\$13,300
8kW solar energy system cost:	\$17,700
10kW solar energy system cost:	\$22,100

Average cost of installing solar:

**\$16,800**

However! The Federal Solar Tax Credit reduces installation cost by 30%. Average cost after tax credits:

**\$10,045 - \$13,475.**

## FACTORS IN BEST SAVINGS RESULTS

Your home's location will determine how effective solar panels are in reducing utility costs and creating energy. This includes...



**DIRECT HOURS OF DAILY SUNLIGHT**



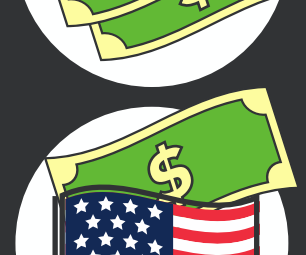
**SIZE AND ANGLE OF ROOF**



**LOCAL ELECTRICITY RATES**

## SAVING WITH SOLAR

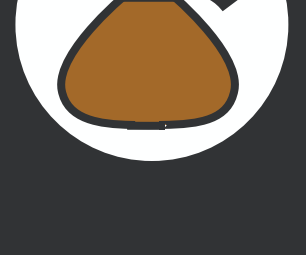
### DECREASED UTILITY BILLS



Without solar, the typical family is spending over \$1,400 a year on electricity alone.



With solar, you can save an average of \$100 a month depending on your state.



Over 20 years, you can usually save anywhere from \$7,000 - \$30,000!

## BEST STATES FOR SOLAR SAVINGS:

### CALIFORNIA

High electricity costs and lots of sunshine makes saving with solar easy!

### ARIZONA

### HAWAII

Electricity is pricey, meaning solar can save residents \$64,000 on average!

### DELAWARE

### MARYLAND

The state's huge push toward renewables means you can get great tax incentives.

## STATES WITH LOWER SOLAR SAVINGS:

### ALASKA

### NORTH DAKOTA

### WASHINGTON

Lack of sunshine prevents solar panels from making a huge dent in energy costs.

### UTAH

Utah's electricity costs are already very low, so residents won't see huge savings.

### OKLAHOMA

Oklahoma has proposed but not enacted any major incentives for going solar.

## NO WORRYING ABOUT UTILITY INFLATION

National electricity costs increase at a rate of 2.2% per year—but if you have solar, you're immune to those rising costs!

## MAKE MORE MONEY SELLING YOUR HOME

Homes with solar panels sell 20% faster and for 17% more money.

## SAVE THE ENVIRONMENT, TOO!

67% of electricity in the U.S. is generated by burning fossil fuels.

A solar panel system can offset the emissions equivalent to those produced by one car per year.

## SOLAR POWER CAN POSITIVELY IMPACT YOUR WALLET AND THE ENVIRONMENT.

TAKE ADVANTAGE OF THIS NATURAL RESOURCE (AND THE BONUS TAX CREDIT!) BY INSTALLING A SOLAR PANEL SYSTEM FOR YOUR HOME.

## SOURCES

- <http://energyinformative.org/benefits-of-solar-panels/>
- <http://news.energysage.com/much-solar-panels-save/>
- <http://www.homeselfe.com/save-electricity-solar-power-tax-breaks/>
- <http://www.seia.org/research-resources/what-solar-industry-did-today>
- <https://www.nerdwallet.com/blog/utilities/states-residential-solar-energy/>