

# **HOW MANY KWH DID YOU USE LAST YEAR?**

The only true way to build a custom system is to create it using the past 12 months of the exact number of kilowatt hours used and what is called total billed cost.

Many companies' use only the bar graph on your bill or online calculators that do not take into account the many important factors needed to build a proper system, **we do**.

Take three homes with similar square footage, yet each one's Kwh use and billed cost is very different. Fact: The system needed typically varies by **20% plus or minus** for each home. Each of these three owners use different amounts of energy based on:

1. number of people in the house
2. thermostat settings
3. cooking with electric or gas
4. electric water heater or gas
5. pool, spa or none
6. dishwashing frequency
7. laundry electric or gas and frequency
8. time of day you use energy (on peak vs off peak)
9. number, size and type of windows (single or dual pane)
10. roof type such as flat or pitched, tile, metal or shingle
11. attic and outside wall insulation
12. roof orientation for solar energy collection
13. garage, workshop or auxiliary structure heated or cooled
14. time of day usage occurs / seasonal variations

## **WE DO A CUSTOM ANALYSIS WITH EXACT NUMBERS**

To create an accurate program we utilize data from your utility company, exact square footage, do a solar mapping of how the sun strikes your roof, and integrate factors of current and future needs. This allows our engineers to generate a custom, accurate to the dollar Solar Savings Report (SSR).

Other methods by companies at the door and online yield results that can be up to 20% incorrect, In real terms, shortcut methods determine your system cost is \$18,000. However, these can be off by 10-20%, if so, you could pay up to \$1800-\$3600 more than you should. A \$50K system \$5-10K more!

## **THERE IS NO GUESS WORK OUR SSR - EXACT WITH EVERY COST DETAILED**

**Honesty and Integrity: Our company is built on these principles.**

Every homeowner that we meet with, we thoroughly present your customized SSR.

This Discovery Meeting is just that, for you decide if solar is a good fit for you.

**Carl Johnson -Sensible Solar™ - Energy Specialist – 480-399-1462**