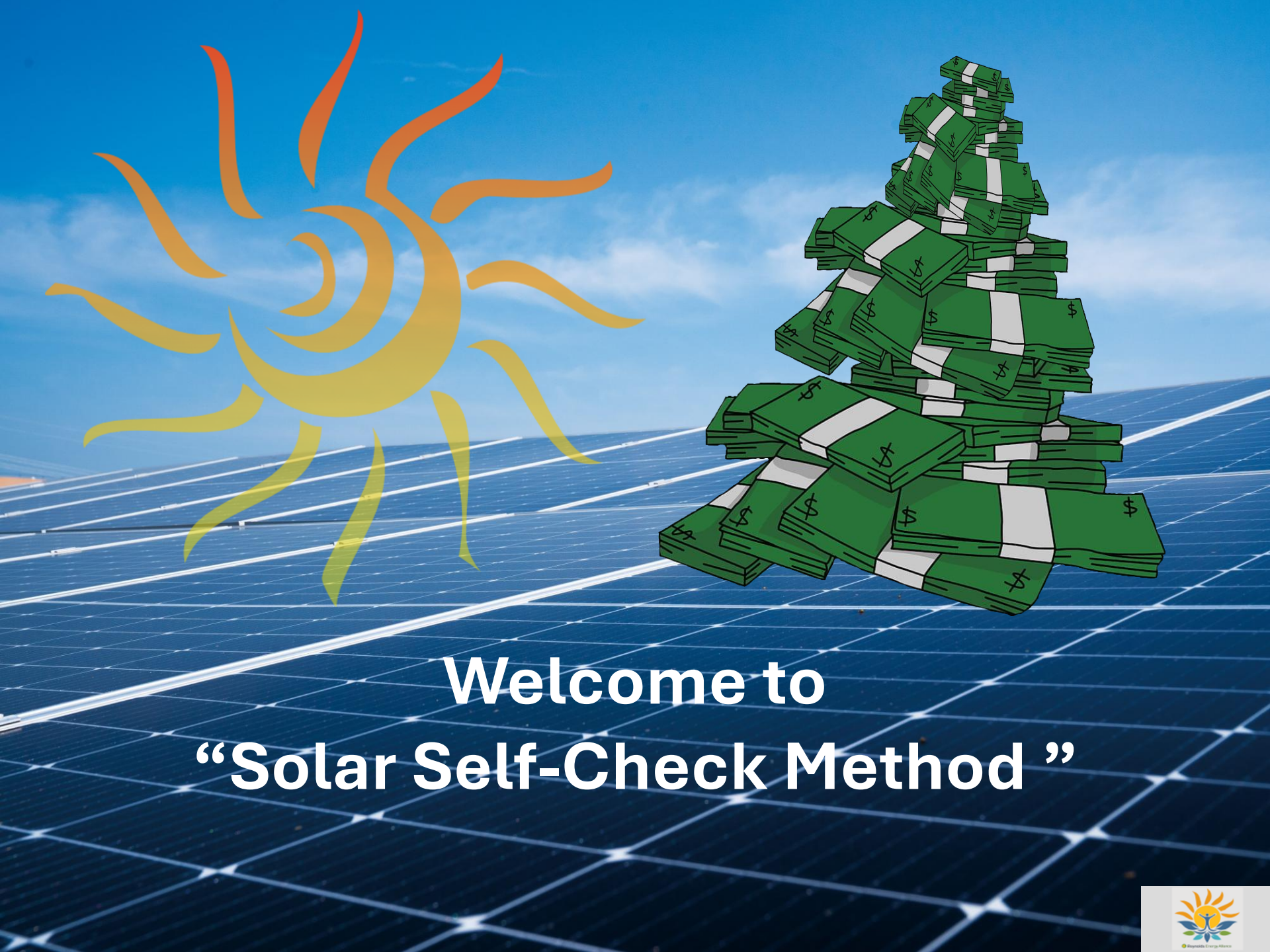




Welcome to “Solar Self-Check Method”

Why Work with Robert Reynolds?



Integrity, Expertise, Concern



Concern for Your Best Interest.



Hello, my name is Robert Reynolds.

I'm a former U.S. Navy Nuclear Engineer from the submarine force.

I have a **Solar Self-Check Method** allowing you to be better prepared when considering if the investment in solar is right for you.

Yearly Kilowatt Hour Usage



Yearly Kilowatt Hour Usage

On your bill there will be a section titled “Energy Usage and Current Charges.”

At the bottom there are usually bar charts showing the Electric Consumption, or Usage for each month.

Make an estimate average by using a straight edge. This will be the kWh used for that month. Continue this for all 12 months, then add them all together.

How many kWh’s per year?

For this example, let’s use 1,000 kWh each month for a total yearly usage of **12,000 kWh**.

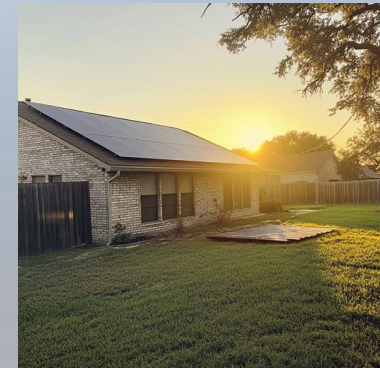


Solar Roof Capacity



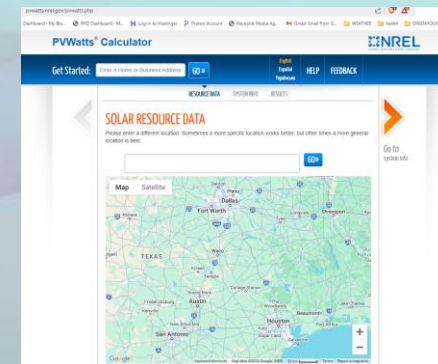
The ideal house has the front door facing North, with the back roof facing a Southern sun exposure.

The back of the house will be free of shade, with a large enough square footage for panel installation.



The best Option is using an app with Google on the PVWatts site.

<https://pvwatts.nrel.gov/pvwatts.php>



Solar Roof Capacity



- **Roof Square Footage (RSF) for Panel Installation =**
- **Divide RSF / Square feet of each panel = Number of Panels**
- **Number of Panels x Panel Output = Solar Roof Capacity**
- (this # will come from PVWatts page or other methods)



This is the second key.

CONGRATULATIONS!



Weighing the Cost



Let's compare Yearly Kilowatt Usage over the life of a Solar System with the ideal Roof Capacity with a 5% Increase per year from the Electric Company

Weighing the Costs =

Utility Costs (Over the Life of the Solar System) – **Solar System Costs** = X

If “X” is greater than zero, solar would be a good investment,
if less than zero, the switch to solar would be more costly
than if you stayed with the electric company.

Weighing the Cost (cont.)



ChatGPT ?

Let's pull out our handy dandy little ChatGPT calculator to see what we can do.

If today's electric bill is 200 a month, and it increases on the average of 5% a year for 15 years, what will the monthly bill be = \$415.79

And the total for the 15 years with the calculated inflation of 5% = \$51,788.55 paid for electricity over 15 years.

As the saying goes,

“Where were you and your family when the power went out?”

The average home that is in the right position for the sun, a good roof with sufficient space for the necessary system, with no shade data has shown saves 24,000 over 15 years.



Installation Options



Roof top or ground or the most common installations

There are regulations to consider within city limits, whereas in rural areas there may be minimal red tape.



You Can Stop This...



And Do More of This...



**As the Utility Companies Increase Their Costs...
Your Energy Costs Will Remain the Same with Solar.**



Bottom Line with your
Energy Company **I\$,**

You don't **pay your bill,**

Your lights go out.





What's Next?

You as the Installer Pathway



If you decide your home is Solar Optimized and want to do it yourself, here are some helpful steps and links.

- 1. Utility Bill Review**
- 2. Homes Location**
- 3. Size of System**
- 4. Cost of System**
- 5. Other valuable links in appendix**

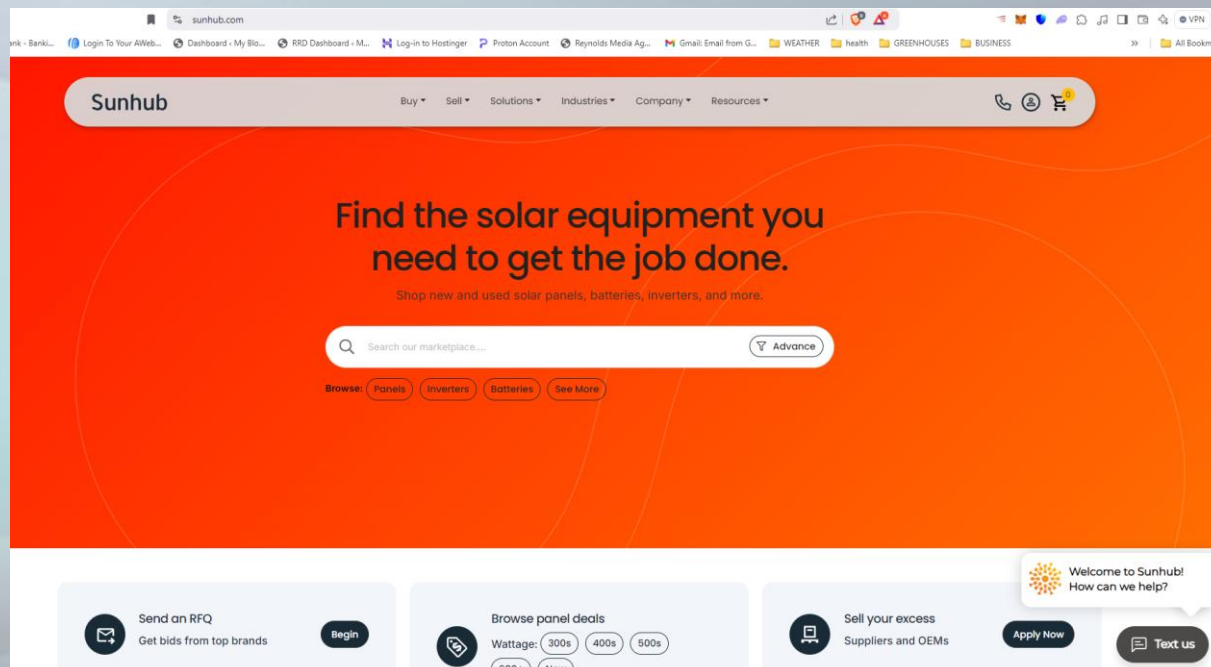
Increase home value: Average 5Kw System Increase Home Value by \$20,000

Sunhub and Solar Groups



<https://www.sunhub.com/>

- *Find the solar equipment you need to get the job done.*
- *Bridging the gap between solar equipment buyers and sellers*



A Professional Installer Pathway



If you decide your home is Solar Optimized and want to go with a professional here are some helpful steps

- 1. Utility Bill Review – Book an appointment with me, your case agent, so we can look at your electric bill and submit it.**
- 2. Once it is submitted, we'll schedule a follow up with senior case agent who will be at work designing the right system for your home.**
- 3. Your Savings – The plan, costs, and savings in black and white.**
- 4. Set Up Site Survey – set up rest of install, payment methods, and other**



**Click the link schedule the
best time for us to meet to
see if I can help you.**

<https://calendly.com/rlreynolds/45>

