



SOLAR UNDERPRODUCTION – WE DO FREE ANALYSIS

Unfortunately, I have knocked on the doors of people who have solar and too frequently encounter **disappointment, frustration and anger that their system is not covering their utility bill.**

Worse yet is getting two bills, one for their solar lease and a utility bill for electricity charges.

Many getting \$50-\$150+ monthly bills for electricity when they were told by the solar company who they bought or leased from that they would have no bill.

Equally bad is every kWh you are forced to buy is subject to current and peak charges. And now the 2024 rate increase of 13.62%.

Underproduction is caused by a number of factors:

#1. Inaccurate or incompetent analysis of energy needs, i.e. not putting enough panels to offset normal usage. This is the most common and should never have happened.

#2. Additional usage not foreseen: square footage added to the house, pool or spa added or used more frequently, air conditioning system aging and not performing efficiently, or more people living in the home causing the energy needs to increase.

#3. Aging of the solar panels. In relatively new systems (2 to 4 years old) power output loss is small. However, 4+ year old panels typically can degrade at a rate of 1% or more per year easily causing power output to go below 100% and cause charges for electricity.

Many times homeowners are told by their solar company they are unwilling or unable to add more panels, or worse yet a given a ridiculously high price to correct it.

Untrue, in virtually every instance **we are able add panels to bring the power production up to 100%+** and thus eliminate all electric charges from the utility **at a reasonable cost.**

Our Underproduction Analysis Program is totally free. Element Energy™ engineers perform a professional analysis to discover exactly what is going on.

We create a program solving the problem and present it to you at a private sit down meeting.

4.8 - Google Reviews

Note: There are other solar companies with the name Element Energy, **we are Element Energy Co.** These others located in CA, UT & FL have gotten numerous bad reviews not representing solar well. We have no connection with them. We are based and operate only in Arizona **with excellent ratings:** For more reviews go to this Google link and click on Google Reviews: <https://g.co/kgs/iM5n3b>



I was really impressed with this company. Element was so great at explaining everything I needed to know about solar. They are clearly taking steps to make sure their representatives are well informed. I like that they were patient with me and willing to go the extra mile.

Response from the owner a month ago

Thanks Carrie! We pride ourselves in making sure our clients have a great experience.



Kathy Sears

Broc did a great job helping us get our Solar Energy, the crew did an excellent job on the installation, and we're thrilled to be using Solar Energy.

God Bless Them All. AAA



LYN HUNT

I had solar at a home where I lived in the past. I was interested in looking for solar at my new home. Danny at Element Energy helped me get a system for much less money than what I paid before! I have already recommended 3 others

Underproduction Add-on System Warranty



25
YEARS



25-YEAR PERFORMANCE. The panels we use hold the records for the highest efficiency solar panels, with output production at 92% of original production in year 25, compared to 70% for conventional panels. Our monitoring ensures that in the unlikely event a panel under-performs, we diagnose, then service the panel quickly for free.

25-YEAR PRODUCT. The panels are designed in America and built to last and feature an unbeatable 25-Year Lifetime Warranty covering 100% of repair or replacement costs including labor, no questions asked. 25-year maintenance included with no deductibles.

25-YEAR WORKMANSHIP. We guarantee the quality of our workmanship because we use certified installation crews and licensed electricians, along with a full-time service department here in Arizona, enabling us to offer the most complete warranty in the industry.

We give a bumper-to-bumper **2 million dollar roof warranty** with every installation

Extreme Weather* State of the art technology

Q-Cells Peak Duo™ Tier One panels and Enphase™ inverters

Made in the USA

*Stress rated to withstand Arizona temps, 60 mph golf ball and 240 mph 1" ice pellet impact



**Enphase IQ8+
Microinverter**



Ready for today and tomorrow, build on a distributed architecture platform. This modular microinverter design allows you to expand your system quickly and easily as your need grows.

Make yourself independent of your electricity provider. Your new solar panel supplies you with powerful solar energy—400+ watts. So you simply use self-generated electricity for your refrigerator, washing machine, lighting, pools, computers, etc. That saves money! The black on black solar panel design provides a modern look and fits ideally into virtually any architectural style. Every panel has its own micro inverter for matchless performance.

Patented full-screen technology: no maintenance required. With conventional solar modules, dust, dirt, leaves, and rainwater often collect on the frame and block the incidence of light. This lowers the efficiency of the panel and makes regular cleaning necessary. Save yourself the trouble! Thanks to patented full-screen technology with full-surface lamination and rounded edges, the frame of your new solar panel forms a flat plane with the solar cells. Wind and rainwater flow off unhindered and wash away impurities. This way, you increase the power yield by 6–15% without any additional effort!

Note: You do not need the services of companies to clean your panels; it is unnecessary and can even void panel warranties. Because the panels in Arizona are mounted on the roof rather than the ground, any fine dust is normally blown off by the wind or washed away by the monsoons or even the infrequent rains we get. Sunlight normally penetrates any fine dust with no appreciable degradation of output, as multiple studies show.

State-of-the-art half-cell technology for highest efficiency: A solar cell is divided into two half cells using modern half-cell technology.

The advantage? The electrical losses are reduced, so that the performance of the solar cell and thus also that of the solar module increases. You benefit from more solar energy compared to conventional panels.

Optimal solar power yield thanks to bypass diodes. Not every solar cell gets the same amount of sun at all times. Sometimes one is partially in the shade, and sometimes dirt and dust have accumulated on another. These cells deliver little or no power and impede the flow of electricity, which affects the overall performance of the solar panel. Thanks to bypass diodes, these obstacles are easily bypassed, and your panel continues to produce a high yield. Defects are also prevented in this way.

Solid technology for strong performance: The mono-crystalline solar module has a high efficiency and a long service life. So you can enjoy your power generator for a long time. Also connect several panels together, and thus provide even more power when needed! 25-year full warrantee for materials and workmanship.

**We are based in the valley, is dedicated to giving you the best.
Full transparency, you are not just another 'Sale' but a valued consumer.**



A personal note
from me to you

Carl Johnson
Energy Specialist

- 1. Experience.** Element Energy features some of the top award-winning energy experts in the nation. We also have a team behind us that has serviced tens of thousands of installs on homes and businesses just like yours!
- 2. Savings.** Because we broker the best energy deal for you, we offer the best price available.
- 3. Support.** We offer full long-term support for your solar project. You will always know next steps and have a quick response team available for questions, especially after installation!
- 4. Guarantee.** We are so certain that you will be happy with your new rooftop solar system that we guarantee all parts and workmanship for **25 years after install!**
- 5. Quality.** With Element Energy, you will not only get the best price, but we offer the best quality available in the nation! Our goal is to put solar on your roof and a smile on your face.

You are treated in a friendly yet professional manner always.

Experts in installing on all roof types: clay, concrete, metal, foam, etc.

It is my personal goal as a Solar Specialist is to be honest.

This Underproduction flyer will start you on the path to understand and get help.

Monthly and in the long run, Solar is a sensible hedge against the ever-increasing electric rates we have no control over. We get you off the APS power once and for all.

Solar is a great product – your roof becomes an “asset”. I will not lie or mislead you to get the “sale”. That is my moral code. I have no daily quota to meet as some “door knockers” do. I am not a ‘salesman’ I am an energy specialist and expert with considerable training.

We schedule a free meeting to present results of our Underproduction Analysis.

Here you can ask anything, we encourage the hard questions.

We are confident we will put a smile on your face.



CARL JOHNSON

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SCAN QR CODE
View our Solar Programs

