

Renewable Energy Trends

5 Solutions Your Organization Can Implement To
Improve our Communities and Raise Funds

Presented by:

Ernie Delgado, Solar Advocate

Andrew Leon, Solar Executive

Funds4Solar

V.1.12.21

Challenge #1

Air Quality Challenges

Air Quality Challenges

Home / News / Cities

The 10 U.S. Cities With the Most Ozone Pollution

Cities in California have the highest levels of ozone pollution, according to the American Lung Association.

By Lauren Favre, Contributor June 26, 2019, at 5:43 p.m.



The Cities With the Highest Ozone Pollution

- Los Angeles-Long Beach, California
- Visalia, California
- Bakersfield, California
- Fresno-Madera-Hanford, California
- Sacramento-Roseville, California
- San Diego-Chula Vista-Carlsbad, California
- Phoenix-Mesa, Arizona
- San Jose-San Francisco-Oakland, California
- Houston-The Woodlands, Texas
- New York-Newark Metro, New York, New Jersey, Connecticut, Pennsylvania



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FUEL ON THE FIRE

America's wildfires might make Covid-19 worse



REUTERS/CARLOS BARRIA

Smoke from wildfires covers an area near Eureka, California, on September 9.

FROM OUR OBSESSION

The climate economy



Every industry can be part of the solution — or part of the ongoing problem.



By **Michael J. Coren**

Climate reporter

November 20, 2020

Air Quality Challenges


Air Quality Challenges





ENVIRONMENT

1 In 7 Americans Have Experienced Dangerous Air Quality Due To Wildfires This Year

September 23, 2020 · 12:19 PM ET

AUDREY CARLSEN 

 SEAN MCMINN 

JESS ENG 



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MONEY

California is home to 15 of the 30 places in the US with the worst air pollution

Hristina Byrnes 24/7 Wall Street

Published 7:00 a.m. ET Dec. 9, 2019 | Updated 10:33 a.m. ET Dec. 9, 2019



To identify the 30 metropolitan areas with the highest levels of air pollution, 24/7 Tempo reviewed air quality data from the Environmental Protection Agency. *NikonShutterman / Getty Images*

Air Quality Challenges

Air Quality Challenges

Home > General > National news

Four in 10 Americans breathe unsafe air — and these 8 cities are the worst

Published: April 24, 2019 at 3:47 p.m. ET

By [Nicole Lyn Pesce](#)

19

The American Lung Association's annual State of the Air report warns 141 million people are inhaling polluted air



The downtown Los Angeles skyline bathed in smog. DANIEL STEIN/ISTOCK



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Challenge #2

Fire and Flood Danger in Our Communities

Climate change is responsible for billions of dollars in flood costs, study says

BY JEFF BERARDELLI

UPDATED ON: JANUARY 11, 2021 / 9:44 PM / CBS NEWS



Fire and Flood
Danger in Our
Communities

Fire and Flood Danger in Our Communities

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WILDFIRE

Damage from California's wildfires estimated at \$10 billion, experts say

abc By David Louie
Friday, October 9, 2020



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CALIFORNIA

[f](#) [t](#) Think this fire season is bad? ‘This isn’t the worst of it,’ retired U.S. Forest Service chief says



The Bobcat fire has burned through the Angeles National Forest and destroyed this home in Juniper Hills. (Allen J. Schaben / Los Angeles Times)

By JOSEPH SERNA | STAFF WRITER

SEP. 23, 2020 | 1:21 PM

As of January 12, 9:42 a.m. Pacific

Fire and Flood
Danger in Our
Communities



Challenge #3

Skyrocketing Electric Bills

Skyrocketing Electric Bills

SPEND

Utility bills will likely increase by 10% on average in big cities this summer

Published Tue, Jun 30 2020 4:21 PM EDT • Updated Wed, Jul 1 2020 10:46 AM EDT



Megan Leonhardt

@MEGAN_LEONHARDT

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>

Heatwaves and COVID Mean Higher Home Electricity Bills; What Do We Do About That?

JOSEPH DANIEL, SENIOR ENERGY ANALYST | JULY 13, 2020, 11:27 AM EST

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JOSEPH DANIEL is a senior energy analyst with the Climate & Energy program at UCS.

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[TOPICS]

Biofuel

-

Skyrocketing Electric Bills



Challenge #4

Working and Learning
From Home Has Increased
Energy Consumption

U.S. NEWS

Americans fear rising cost of working from home as pandemic continues

"It's not everything that we thought it would be. A lot of that comes down to additional expenses that we just didn't see," one working parent said.

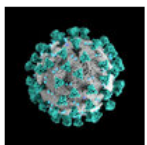


Working and Learning From Home Has Increased Energy Consumption



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SPECIAL SERIES

The Coronavirus Crisis

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Pandemic Electric Bills Are Searing Hot, As Families Stay Home

August 17, 2020 - 6:02 AM ET

Heard on [Morning Edition](#)

Lisa Vrooman with her boyfriend John Rock, dog Umar and cat Mochi. They love the high ceilings in their 650-square-foot apartment, but keeping it cool is costly.

Lisa Vrooman

Working and Learning From Home Has Increased Energy Consumption

Working and Learning From Home Has Increased Energy Consumption

Working from home might not cut energy use as much as we'd hoped



Working from home might not be as sustainable as first thought. Image: Unsplash/Luke Peters

10 Jun 2020

Charlotte Edmond

Senior Writer, Formative Content



The World Economic
Forum COVID Action
Platform



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EDITORS' PICK | Mar 18, 2020, 01:47am EDT | 6,593 views

Some Hidden Energy Costs Of 'Working From Home' During The Outbreak



Christopher Helman Forbes Staff



Energy



Working and Learning From Home Has Increased Energy Consumption

Working and Learning From Home Has Increased Energy Consumption

The image shows a screenshot of a CBS News webpage. At the top, the CBS News logo is on the left, and navigation links for 'NEWS', 'U.S. CAPITOL ASSAULT', 'SHOWS', and 'LIVE' are on the right. The main headline reads 'Working from home? Get ready for higher utility bills' in large, bold, black text. Below the headline, it says 'BY IRINA IVANOVA' and 'JUNE 1, 2020 / 6:59 AM / MONEYWATCH'. There are social media icons for Facebook, Twitter, and YouTube. Below the text is a video player showing a man in a white shirt working at a desk. A play button is overlaid on the video. Text on the video says 'Millions of Americans still working from home...' and '02:15'. At the bottom of the video player, there is a blue banner with the text 'HOW BUSINESSES ADAPT TO REMOTE WORK AMID COVID-19' and the CBS News logo.

CBS NEWS NEWS ▾ U.S. CAPITOL ASSAULT ▾ SHOWS ▾ LIVE ▾

Working from home? Get ready for higher utility bills

BY IRINA IVANOVA
JUNE 1, 2020 / 6:59 AM / MONEYWATCH

f t y

Millions of Americans still working from home...

02:15

HOW BUSINESSES ADAPT TO REMOTE WORK AMID COVID-19

CBS WEEKEND NEWS



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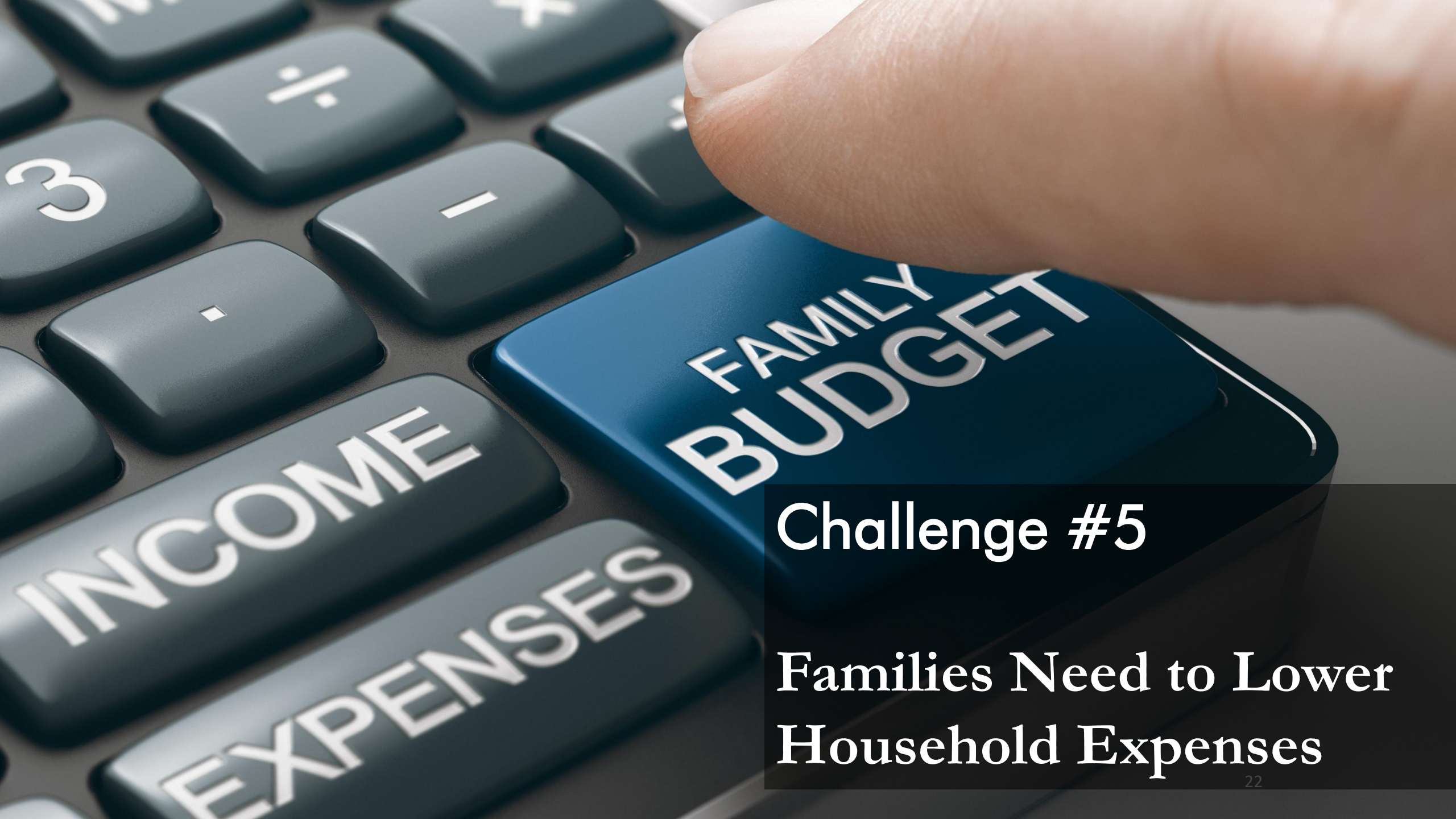
The hidden energy costs of working from home

August 13, 2020

“

The average family of four will pay about \$10 a month to keep all their screens lit as adults work remotely and kids take classes online.

Working and Learning From Home Has Increased Energy Consumption



Challenge #5

Families Need to Lower Household Expenses

Families Need to Lower Household Expenses

CNN **underscored**

Gadgets Wellness Money Explore About Us Coupons

Lost your job? Take 30 minutes to reduce these three major household expenses

By Julian Kheel

Published 4:00 PM EDT, Thu May 7, 2020



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PUBLISHED JULY 14, 2020 IN WORKING@DUKE

WHY YOU SHOULD REVISE YOUR HOUSEHOLD BUDGET DURING COVID-19

Changes in spending habits could result in opportunities to save



BY STEPHEN SCHRAMM @WORKINGATDUKE

SHARE THIS STORY



Families Need to Lower Household Expenses

Families Need to Lower Household Expenses



INVEST IN YOU: READY. SET. GROW.

How to create a budget for a post-Covid world: Financial advisors

PUBLISHED WED, JAN 6 2021 8:57 AM EST



Janet Alvarez
@JANETONTHEMONEY

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RichVintage | E+ | Getty Images

Our families need hope that
things will get better....





We Have A Few Challenges...

1. Air Quality
2. Fire Danger In Our Communities
3. Skyrocketing Electric Bills
4. Working and Learning From Home Has Increased Energy Consumption
5. Families Need To Lower Household Expenses

A young boy with short black hair is shown in profile, looking upwards and to the right. He is wearing a black face mask and an orange t-shirt. A black backpack strap is visible over his shoulder. The background is a blurred cityscape with tall buildings under a bright sky.

**However, there
are steps and
strategies we can
implement....**



5 STEPS TO SUCCESS

- Create a “Renewable Energy” awareness campaign
- Include renewable energy curriculum for your classrooms / members
- Develop energy savings contests with your families / members
- Offer no-cost solar energy for every home for families / members
- Coordinate fundraiser / campaign to lower expenses and raise funds for your organization

A dirt path winds through a lush green field with trees in the background. The path is made of light-colored soil and is flanked by tall grasses. The trees are dense and green, creating a canopy overhead. The scene is bright and sunny, with shadows cast on the path.

Step #1:

Create a “Renewable Energy” awareness campaign

Energy & Science

The 10 Ways Renewable Energy's Boom Year Will Shape 2021

By [Brian Eckhouse](#), [Will Mathis](#), and [Dan Murtaugh](#)

January 6, 2021, 1:00 AM PST



Wind turbines and solar panels in this aerial photograph taken near Fuxin, China, on Nov. 16, 2020.

Photographer: [Qilai Shen/Bloomberg](#)

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Step #2:

Include renewable
energy curriculum in
your classrooms





GLOBAL EDUCATION, TEACHING RESOURCES

Teaching the Importance of Renewable Energy

February 5, 2019 by Kevin Smith



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Step #3:

Develop energy savings contests with your families / members





UN News



Global perspective
Human stories



Advanced Search

HOME		TOPICS		IN DEPTH	SECRETARY-GENERAL	MEDIA
Africa	Americas	Asia Pacific	Middle East	Europe	History Corner	UN Art and Gifts

AUDIO HUB SUBSCRIBE

'Growing momentum' to make 2021 the global action year for sustainable energy



UNDP Yemen | Men install solar panels for a hospital in Yemen.

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Step #4:

Offer no-cost solar energy
for every home



Step #5:

Coordinate fundraiser to lower expenses and raise funds for your organization

School Fundraising in the Coronavirus Pandemic

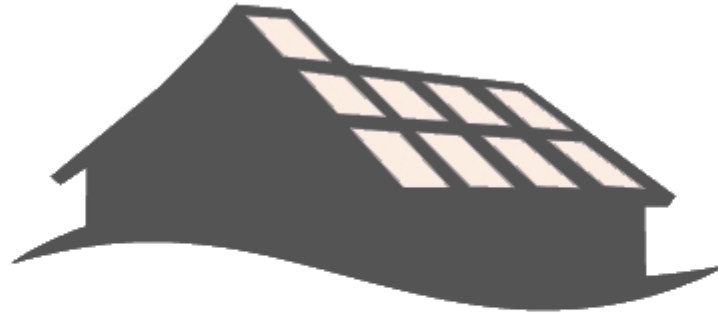


Yes, you can still hold a fundraiser even if your school is virtual. Check our 13 great ideas.

by Emily Graham
01/04/2021



And now a word from our sponsor



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Our Mission

Funds4Solar is a “Renewable Energy Advocate”, part of a group of veterans, scientists, and business professionals who have banded together to fight against global warming by providing free solar installation and reduced electric bills for qualified homeowners.



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Benefits We Bring to You

- Our installation is done by the largest renewable energy company in North America.
- The installation is free and the energy cost is capped.
- Your home will now run on clean, renewable energy.



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Testimonials

“I was amazed at the quickness of the process. Within one day they designed our solar system. We are now enjoying the lower bills!”

Peter Delayo



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Testimonials

“Our electric bills were getting out of control with home schooling. F4S got our solar installed and we paid literally zero. Great solution!”

Kate Roman



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Testimonials

“So happy to be off the grid and on a payment I can afford. F4S designed the most efficient system based on my electrical usage. They put allot of thought into it and I appreciate the effort and also the no cost install. Bravo.”

Paul Atkinson



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This innovative program will offer an additional revenue generator for your school, office or reps.



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