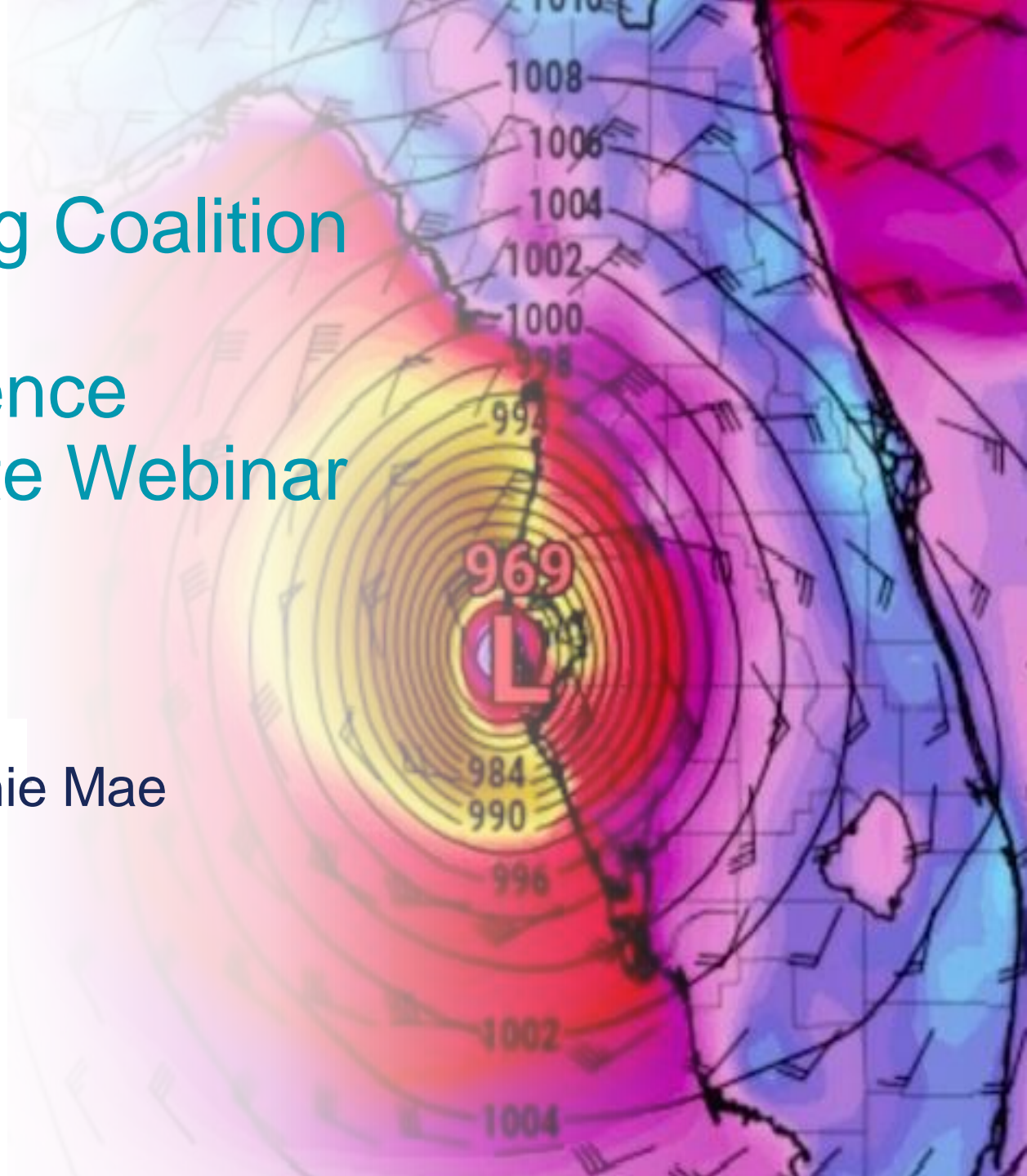


Florida Housing Coalition Hurricane and Climate Resilience Member Update Webinar

March 24, 2023
Sponsored by Fannie Mae



TODAY'S AGENDA

- Welcome – Please put name and org in chat
- Federal agency updates
- Sara Kane, Sarasota County
- Upcoming Webinars



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USDA Rural Disaster Home Repair Grant Program

Announced 03/23/23

People located in an eligible rural area may apply to receive grants of up to \$40,675 directly from USDA to:

- Pay for home repair expenses resulting from Presidentially-declared disasters in calendar year 2022;
- Prepare a site for a manufactured home and relocate a manufactured home.
- No Age requirement – previously had to be 62+.
- Household Income limits -- expanded to include **low income**.
- Nonprofits may receive \$1,000 to support packaging of local applications.
- Funding available until expended -- support outreach and encourage early applications
- <https://www.rd.usda.gov/newsroom/news-release/usda-makes-grants-available-help-people-rural-florida-repair-their-homes-damaged-fires-tropical>



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THE FLORIDA HOUSING COALITION



EPA Grant

The EPA Climate Pollution Reduction Grants (CPRG) program for states, local governments, tribes, and territories to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollution.

Florida MSAs in the top 67 national MSAs

Two-staged grant program

- \$250 million for noncompetitive planning grants
- \$4.6 billion for competitive implementation grants.
- Letter of Intent is due
- [Learn more here https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants#CPRG-Overview](https://www.epa.gov/inflation-reduction-act/climate-pollution-reduction-grants#CPRG-Overview)



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THE FLORIDA HOUSING COALITION



Supporting Housing Affordability Through Energy Efficiency



PRESENTER
SARA KANE
Sustainability Program
Supervisor with
Sarasota County

Friday, March 24, 2023
1-2:30pm

**Supporting Housing
Affordability through
Energy Efficiency**

Join us on March 24th for a special webinar to learn about creating new energy efficiency and sustainability programs for multi-family properties.

Sara Kane, Sustainability Program Supervisor with Sarasota County will highlight their residential and nonprofit energy upgrade programs.

Learn about energy burden solutions and strategies including partnership and funding opportunities.

Supporting Housing Affordability through Energy Efficiency

Sarasota County



Sara Kane
3/22/2023

Outline

- Equity issues in Sarasota County & region
- Residential energy/water efficiency and weatherization engagement programs for underserved community members
- Nonprofit energy/water efficiency and weatherization engagement programs



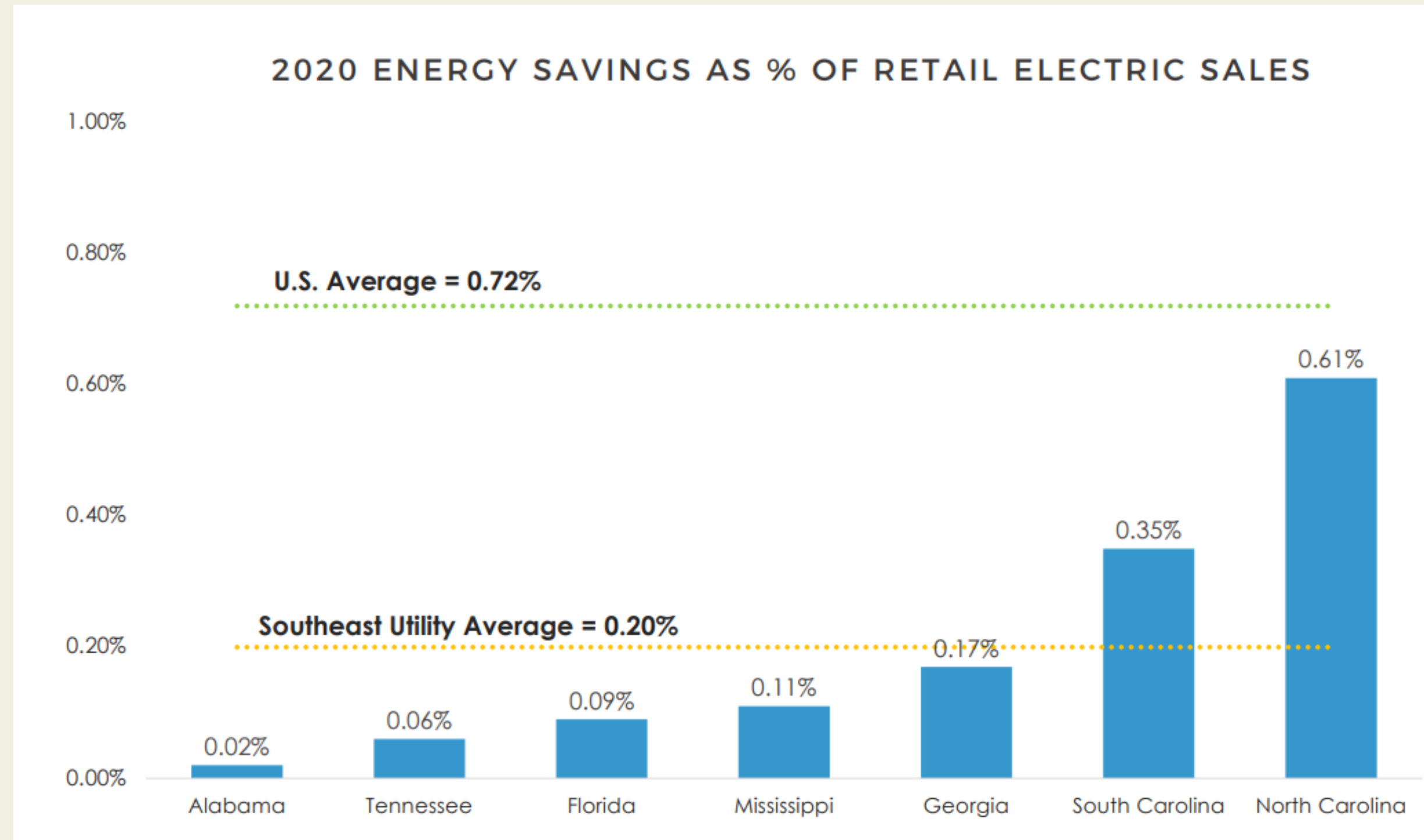
Energy Equity: The Need

- Lack of funding and support for energy efficiency programs in our community
- Equity issues in Sarasota County
- Existing conservations programs were geared towards middle-income homeowners
- Utility rate and cost of living increases



Energy Equity: The Need

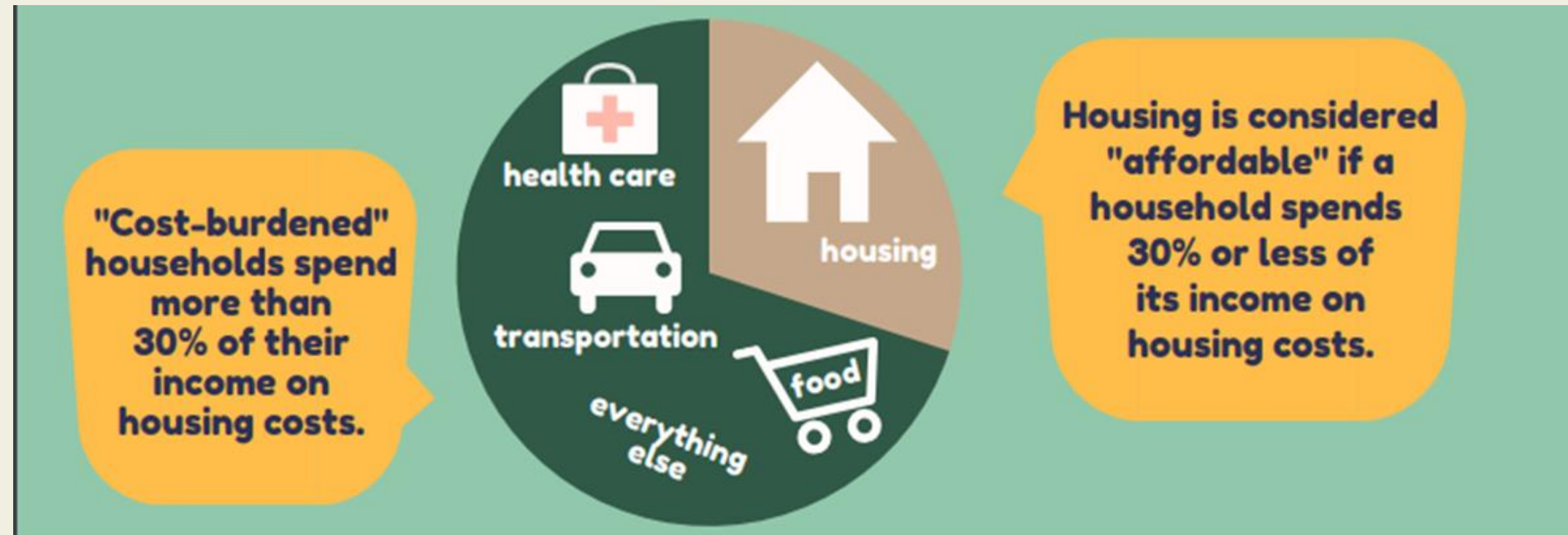
- Florida's Electric Utilities:
 - Nation's lowest investment in energy efficiency
 - Region's highest percentage of fossil fuels



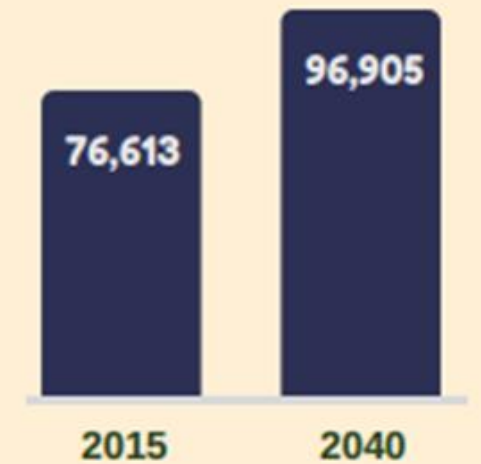
Housing Affordability

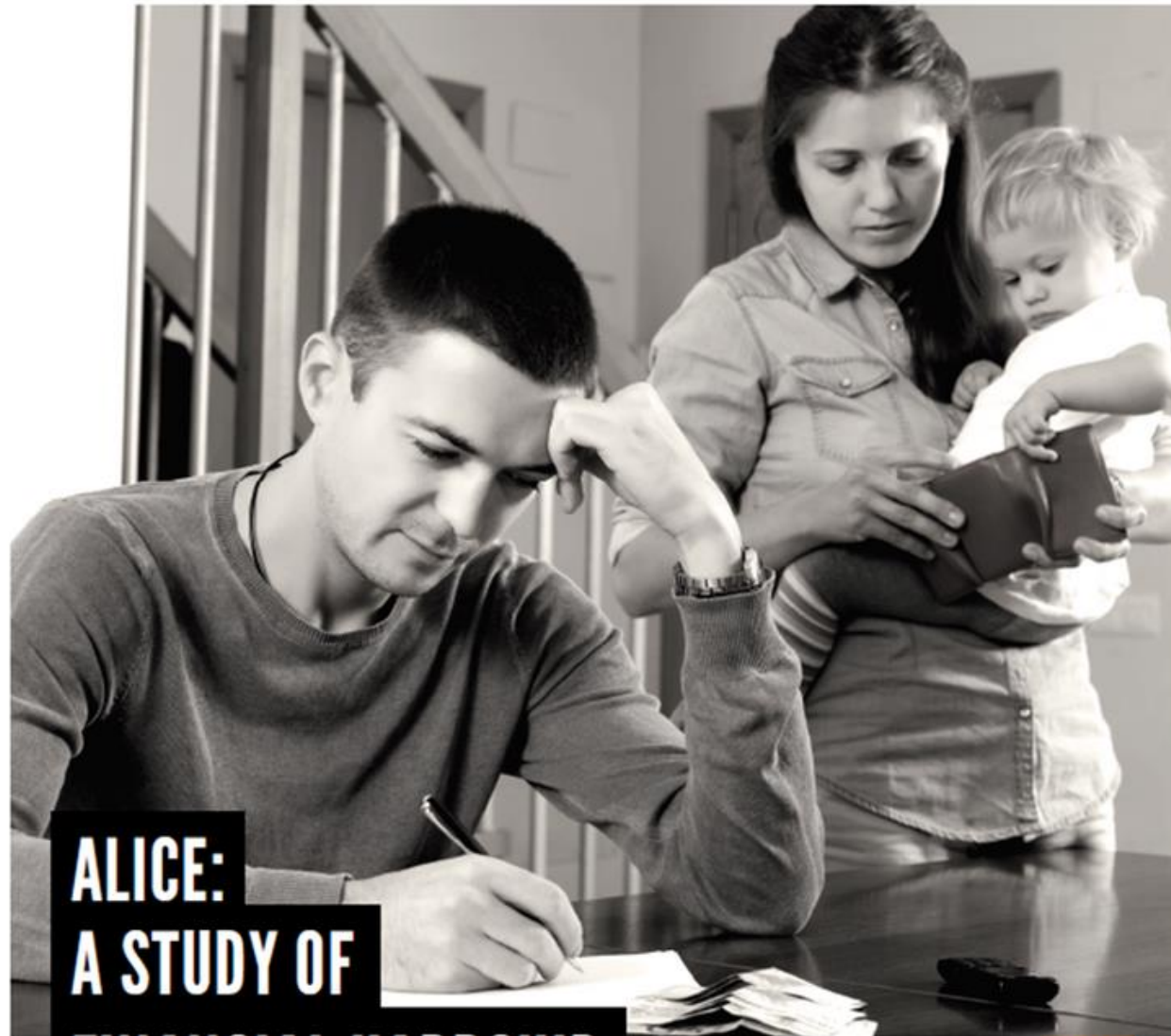
Studies show that more than 58,000 low-income families in Sarasota County are "cost burdened."

- 48% renters



Number of cost-burdened households in Sarasota County⁽¹⁾





ALICE: A STUDY OF FINANCIAL HARDSHIP IN FLORIDA

LIVE UNITED

2018
REPORT



ALICE® is an acronym for Asset Limited, Income Constrained, Employed.

The United Way ALICE Project is a collaboration of United Ways in Connecticut, Florida, Hawai'i, Idaho, Indiana, Iowa, Louisiana, Maryland, Michigan, New Jersey, New York, Ohio, Oregon, Texas, Virginia, Washington, and Wisconsin.



Household Survival Budget, Sarasota County

	SINGLE ADULT	2 ADULTS, 1 INFANT, 1 PRESCHOOLER
Monthly Costs		
Housing	\$711	\$974
Child Care	\$—	\$1,300
Food	\$164	\$542
Transportation	\$322	\$644
Health Care	\$196	\$726
Technology	\$55	\$75
Miscellaneous	\$168	\$470
Taxes	\$237	\$439
Monthly Total	\$1,853	\$5,170
ANNUAL TOTAL	\$22,236	\$62,040
Hourly Wage	\$11.12	\$31.02

FEDERAL POVERTY LEVEL

\$11,880

\$24,300

SOURCE: UNITED WAY SUNCOAST

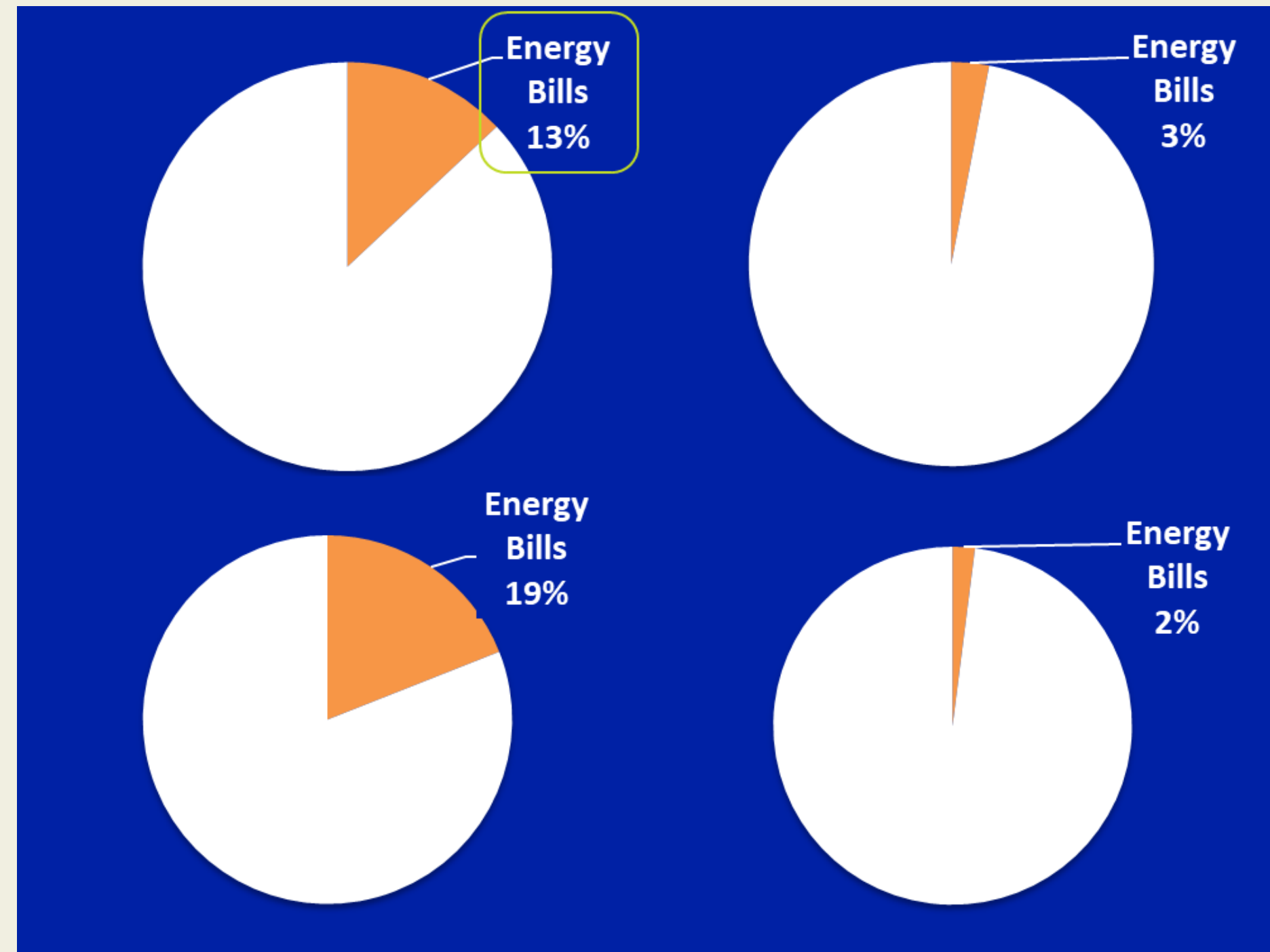
Energy Inequity: Sarasota Co.

Low Income

Median Income

Renters

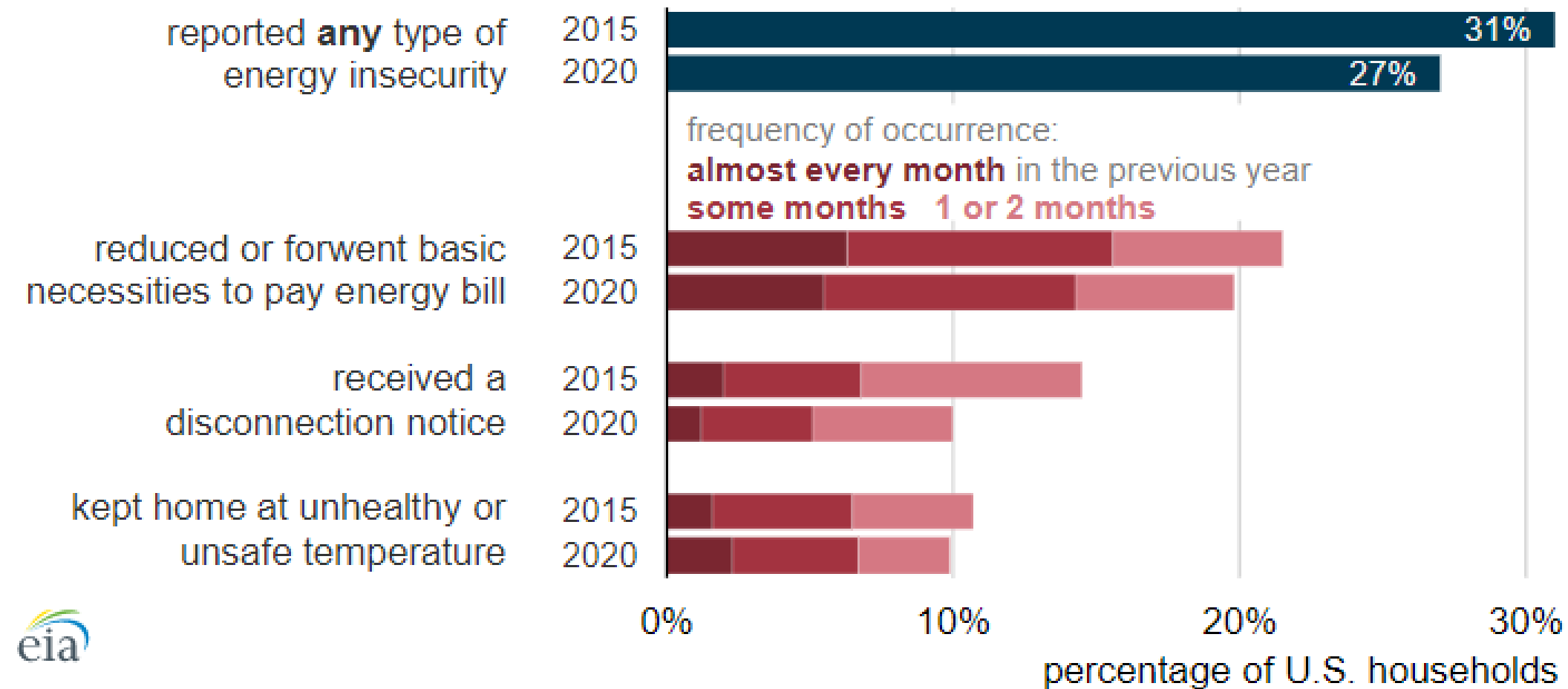
Homeowners



Energy Inequity

In 2020, 27% of U.S. households had difficulty meeting their energy needs

U.S. household energy insecurity measures (2015 and 2020)

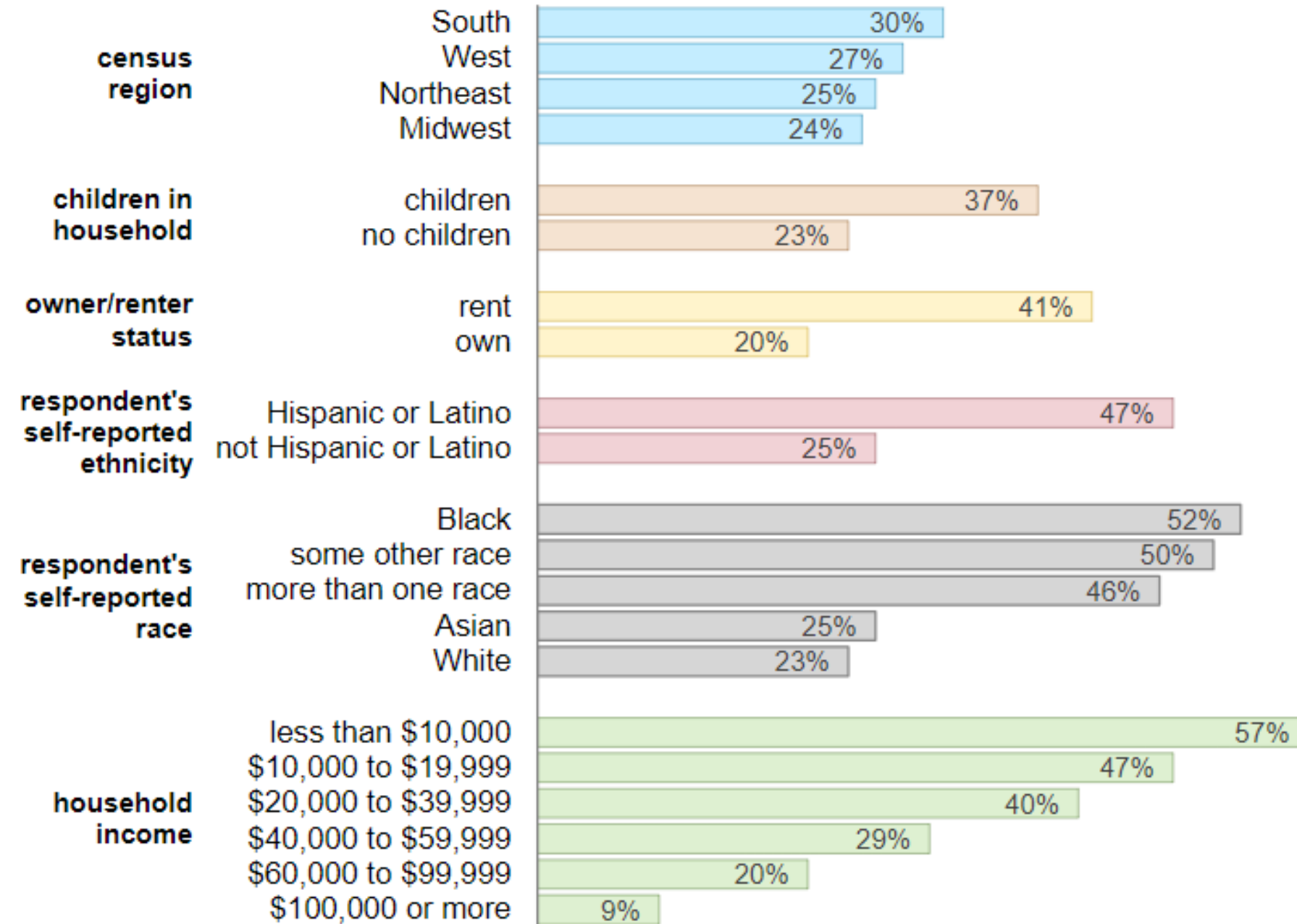


Source: U.S. Energy Information Administration, *2020 Residential Energy Consumption Survey (RECS)*

Energy Inequity

U.S. households reporting some form of energy insecurity (2020)

percentage of U.S. households within each category



Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey* (RECS)

Source:

[https://www.eia.gov/todayinenergy/detail.php?id=51979&src=%E2%80%B9%20Consumption%20%20%20%20%20%20R%20esidential%20Energy%20Consumption%20Survey%20\(RECS\)-b6](https://www.eia.gov/todayinenergy/detail.php?id=51979&src=%E2%80%B9%20Consumption%20%20%20%20%20%20R%20esidential%20Energy%20Consumption%20Survey%20(RECS)-b6)

Energy Inequity

“Older rental properties sometimes lack efficient appliances or basic insulation because of what’s known as the “split incentive” problem: Landlords have no incentive to make upgrades because they aren’t the ones paying the utility bills. Renters may not be in the home long enough to recoup the investments, which they probably can’t afford anyway.”



Source: <https://www.wuft.org/news/energy-burden/>

Funding

Federal, State and Local
Current:

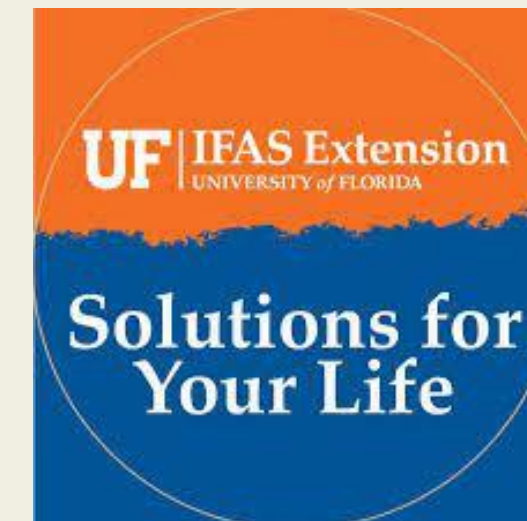
- Department of Energy – Energy and water efficiency devices for low-income residents
- FDACS- Low Income Residential Energy Efficiency
 - Energy Efficiency appliances and HVAC systems for affordable housing providers
- Barancik Foundation - Funding for energy program specialist position, SHA maintenance position, insulation, devices



Funding

Federal, State, and Local
New Potential Funding

- Department of Energy
 - Energy Efficiency Conservation Block Grant
- EPA Climate Pollution Reduction Grant
- Partnerships:
 - State UF/IFAS Extension offices
 - Housing providers/authorities
 - Local foundations – support human service missions
 - Community based organizations/nonprofits



Energy Upgrade Program

- Started in 2012 with DOE grant
- Refocused to low-income groups in 2016
- Energy Efficiency workshops (Spanish/ English)
- DIY Kits distributed
- Educational materials created (Spanish /English)
- Partners: Sarasota Housing Authority, Salvation Army, United Way, Children's First, Habitat for Humanity



Energy Upgrade Volunteer Training

- 2018 Started Energy Coach Volunteer Program
- 5 class training series covering:

- Energy & Water conservation techniques
- Sarasota County's 'Energy Upgrade' workshop
- Health impacts
- Basics of building systems
- Resources for financial assistance
- Energy equity
- Low and no-cost Energy Upgrade strategies



Volunteer Roles:

In-home installations and evaluations



Advise clients on energy improvements on-site

- Evaluate home energy use
- Install in-home energy improvements

Volunteer Roles:

In-home installations and evaluations

PHASE 1 – Sarasota Housing Authority



PHASE 2 – non-profit referrals to other low-income homes

Volunteer Roles:

Provide Energy Upgrade Education + DIY kits



ENERGYupgrade

Know More. Do More. Save More.

Educating on energy improvements and behavioral change in a workshop setting



Volunteer Roles:

Offer 1:1 Consultations + DIY Kits



ENERGYupgrade

Know More. Do More. Save More.

Advising clients on energy improvement during 1:1 consultations at 'help desk' in non-profit partner locations & distributing efficiency devices



Volunteer Roles:

Offer 1:1 Consultations + DIY Kits





2012-2022 Metrics:

- 3,784 residents reached
- \$381,160 in utility savings
- 3,457,387 KWh energy savings

ENERGY SAVINGS



Sarasota County households spend an average of \$1,200 on energy annually.

TURN IT OFF!

- Turn off lights, fans, and electronics when leaving the room. It adds up.
- Consider air drying your clothes.

BUY SMART, USE SMART

- When replacing appliances and electronics, look for the **ENERGY STAR®** rating.
- Set your water heater to 120 degrees F for greater energy savings.

Pro Tip: Replacing five lightbulbs with longer-lasting, higher-efficiency LED bulbs can save up to \$75 per year.

SEAL IT UP

- Sealing leaks and gaps throughout your home with caulk, tape, or other insulation can save up to \$180 a year.
- Close exterior doors.
- Check that your refrigerator has a tight seal.

HEATING/COOLING

- 49% of home energy use goes to air conditioning and heating.
- Set your thermostat to 78-82 degrees F for summer and 65-68 degrees F for winter.
- Maintaining air conditioner filters regularly can lower your energy consumption by 5-15%.
- Close window coverings in the summer to block out heat.

BEWARE VAMPIRE LOADS

- When replacing appliances and electronics, look for the **ENERGY STAR®** rating.
- Set your water heater to 120 degrees F for energy savings.



WATER SAVINGS



Sarasota County residents spend an average of \$850 on their water annually.

TAKE SHORTER SHOWERS

- Reducing your daily, 10-minute shower to just 5 minutes can save 7,300 gallons of water yearly.
- Use a low-flow showerhead for additional annual savings of 3,650 gallons!

FIX LEAKY TOILETS

- Leaky toilets can waste up to 200 gallons a day.
- Is your toilet running? Put a dye tablet or food coloring in your tank and wait 30 minutes. If you see color in the bowl, you have a leak.

Pro Tip: Replacing your toilet flapper is an easy fix for most leaks.

WAIT TO WASH DISHES

- Let your dishes soak in the sink or a dish tub to make cleaning easy and save 12,775 gallons annually.
- Using a dishwasher? Try running it every other day to save about 1,900 gallons a year.

WATCH THE WEATHER, WAIT TO WATER

- Follow Sarasota County's irrigation restrictions and water your landscape only once per week, providing ½-¾ inch of water.
- Every week you do not irrigate your landscape will save you more than 300 gallons per 1,000 square feet.
- Skip weeks where there is a ½ inch or more of rain and during the cool weather months of January and February.

DON'T SINK YOUR MONEY

- Shut off the tap when brushing your teeth or shaving.
- Every minute your tap runs, you could be wasting up to 2.5 gallons of water.
- A faucet aerator can cut your use in half.



LEARN MORE

UF/IFAS EXTENSION SARASOTA COUNTY

ATTEND
OUR CLASSES
tiny.cc/ufsaraext_events

VISIT
OUR WEBSITE
energyupgradetoday.com

SCHEDULE A FREE
1:1 CONSULTATION
Call 941-861-9829

REGISTER FOR
SELF-PACED CLASSES
tiny.cc/ufsaraext_selfpace

GET YOUR FREE ENERGY AND WATER CONSERVATION KIT

Kits include LED light bulbs, a smart power strip, faucet aerators, low-flow showerheads, dye tablets, and more!
Customize your kit here: tiny.cc/ufsaraext_conservekit.
Contact us: call 941-861-9829 or email SustainableSarasota@scgov.net

UTILITY BILL PAYMENT ASSISTANCE

2-1-1 Suncoast
211

Get in touch with a multilingual specialist who can direct you to local organizations that provide financial assistance.

Low Income Housing Energy Assistance Program (LIHEAP)

941-556-0234

Federally funded program that helps low-income families pay home energy bills.

FPL Care to Share

800-226-3545

Receive up to \$500 total over 12 months to pay FPL bill.

FPL Budget Billing

800-226-3545

Pay the same amount every month.

Salvation Army

941-556-0234

Receive water service payment assistance, plus help with mortgage, rent, gas, and electric utilities.

Sarasota County Government

utilitybill@scgov.net

Get help paying overdue bills with a 6-month payment plan (while County under State of Emergency)

Jewish Family and

Children's Services - Suncoast

941-366-2224

Utility deposit assistance for veterans.

Caritas Ministry

941-366-5620

Emergency assistance for those with acute financial needs.

Area Agency on Aging

(60 or older)

866-413-5337

Resurrection House

941-365-3759

Senior Friendship

Center

941-955-2122

OTHER FINANCIAL ASSISTANCE

Weatherization

Assistance Program

941-827-8227

Free, low-income qualified energy upgrades up to \$5,000.

Office of Housing and Community Development Rehabilitation Program

941-951-3640

Up to \$60,000 of 0% interest loans for owner-occupied rehabilitation program.

United Way

941-366-2686

Get connected to financial assistance through a highly trained specialist.

Sarasota County Energy Upgrade

941-861-5000

sustainablesarasota@scgov.net

Call for energy-saving help through in-home evaluations, energy audits, DIY kits, and classes!

The Glasser/Schoenbaum Human Services Center

941-365-4545

Home to 18-plus nonprofit health and human services agencies that help low-income individuals and families.

Venice Trinity Presbyterian

941-493-0018

Venice Goodwill

941-441-0241

St. Vincent de Paul

941-444-9343

St. Jude's Catholic Church

941-955-3934

Lutheran Services

941-358-6330

UF/IFAS EXTENSION SARASOTA COUNTY

6700 Clark Road, Sarasota 34241 | 941-861-5000 | sarasota.ifas.ufl.edu | sarasota@ifas.ufl.edu



An Equal Opportunity Institution. UF/IFAS Extension, University of Florida, Institute of Food and Agricultural Sciences, Tom Obreza, interim dean for UF/IFAS Extension. Sarasota County prohibits discrimination in all services, programs or activities. View the complete policy at www.scgov.net/ADA.

Reducing Energy Burdens

FDACS grant

Overview:

- Low-Income Residential Energy Efficiency Grant
- Received in March 2021 by the Florida Department of Agriculture and Consumer Services, Office of Energy
- Appliance upgrades for low-income and affordable housing providers
- \$100,000 in funding
- Saves residents money on utility bills & meets our sustainability goals by conserving resources



Reducing Energy Burdens

FDACS grant

Milestones:

- Survey and needs assessment to all low-income housing providers
- Applications from housing providers and selection
- Purchase and installation of energy efficient appliances and HVAC systems
- Rebate requests and awards
- Outreach and Education – throughout the entire 2 years
- Gather and report utility data – pre and post installation



Sarasota County
941.861.5000 / TV1

Reducing Energy Burdens

FDACS grant

Results:

- **Three housing providers were received funding**
 - Community Assisted & Supported Living (CASL)
 - Victoria Pointe
 - University Club
- **39 total units**
 - Refrigerators – 20
 - HVAC systems – 19
- **Education, outreach & new partnerships**
 - In 2022, the Energy Upgrade program reached about 900 residents saving households an estimated \$22,174 in utility costs, over 158,436 kWh of energy & about 367,836 gallons of water



Partners for Green Places

- Started in 2019 with Partners for Places grant (\$350,000)
- Grew to >\$1 million
- Collaboration between Sarasota County, City of Sarasota, Gulf Coast Community Foundation, Charles and Margery Barancik Foundation, Community Foundation of Sarasota County, and Selby Foundation
- Phase 2 funded by Foundation partners and merged into Southface's GoodUse program



Partners for Green Places

Highlights

- 16 nonprofits
 - Energy, water and solar audits of facilities
 - Implementation projects
- 4 solar PV projects ~167 kW total expected to produce 250,000 kWh annually
- A 5th solar project, ~30 kW, to be installed soon (funded outside of P4GP)
- Roadmaps encompass up to 30% in energy savings and annual savings up to 500,000 kWh



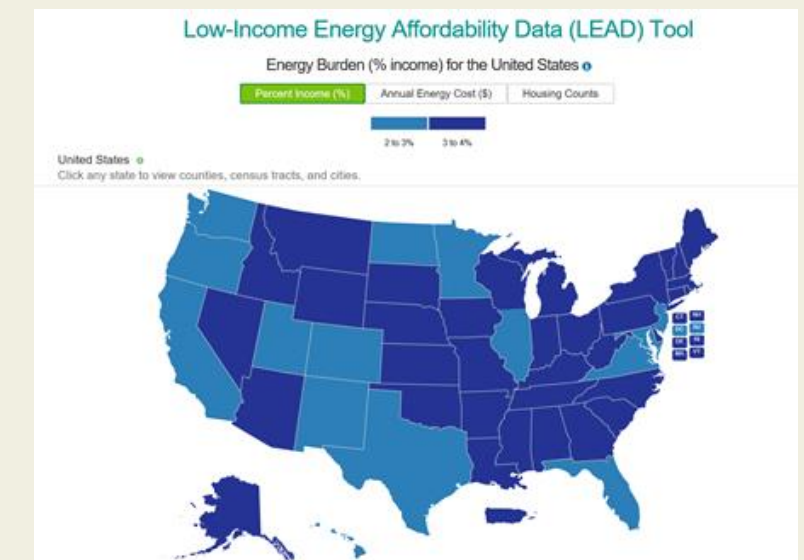
Children First

- Main Campus: 20-30% savings on utility bills
- Sarasota Marieb facility: Solar PV system reduces fossil fuel energy use and emissions by 90%
 - Key Projects
 - 117 kW solar PV system
 - HVAC system upgrades: replaced 2 units, moved thermostat to central location, plan to upgrade 16 more units including programmable thermostats



ENERGY EQUITY RESOURCES

- Sarasota County Blogs:
 - [Saving Energy for Those Who Need it Most](#)
 - [First Energy Sweeps Successful](#)
 - [Energy Savings Program to Help Low-Income Residents](#)
- Southern Alliance for Clean Energy: [Energy Justice program](#)
- US Department of Energy:
 - [Equity in Energy™ Initiative](#)
 - [Clean Energy in Low-Income Communities](#)
 - [Low Income Energy Affordability Data \(LEAD\) Tool](#)
- US Energy Information Administration: [Energy Insecurity Data](#)
- Clean Energy States Alliance: [Low and Moderate Income Clean Energy Program](#)



ENERGY EQUITY RESOURCES

EDIS Series- Energy Equity Programming For Extension

- Options for Incorporating Energy Efficiency into Extension Programs: A Menu of Possibilities for Extension Energy Programming in Your Community
- Community-Based Home Energy Tune-Up/Audit Programs: A Step-by-Step Guide to Creating and Implementing Energy Equity Programs in Your Community
- Using Community-Based Social Marketing to Improve Energy Equity Programs
- Developing Extension Programming to Help Low-Income Families Save Money and Energy: The Community Weatherization Coalition Model



Thank You Questions?

Sara Kane

Sustainability Program Supervisor

skane@scgov.net

energyupgradetoday.com

Scgov.net/sustainability



Hurricane Housing Recovery

The graphic is shaped like a house. The roof is dark teal with the date and time 'March 28 2-3:30 PM' in white. The left side is a light teal wall with the SHIP logo (a green house icon with a blue cube inside) and the text 'housing a stronger Florida'. Below the logo, it says 'Webinars made possible thanks to the Catalyst Program' and 'New Construction Strategies and Partnerships'. At the bottom, it says 'PRESENTED BY' and shows two headshots: Michael Chaney and Tamara West. The right side is a dark teal wall with a white architectural blueprint of a house, showing a 'MASTER BEDROOM' and a 'BATH'. A wooden compass and a pen are resting on the blueprint.

March 28
2-3:30 PM

SHIP
housing a stronger Florida

Webinars made possible thanks to the Catalyst Program

New Construction Strategies and Partnerships

PRESENTED BY

MICHAEL CHANEY **TAMARA WEST**

Join Us March 28 for New Construction Strategies and Partnerships

This webinar is designed to guide SHIP administrators as they explore opportunities for local governments to develop single family homes while working with developers and sponsors. Designing a strategy in your Local Housing Assistance Plan that meets the SHIP requirements is an important first step in this process. Learn how to solicit sponsors and developers, structure your program, develop effective agreements, and outline responsibilities to comply with SHIP program requirements. The presenters will examine sample construction strategies to highlight options for the terms of assistance and for selecting eligible buyers. SHIP administrators, nonprofit housing developers and contractors will find this webinar an essential first step in establishing or updating a single-family development program.

Register at: <https://register.gotowebinar.com/register/1804746507041576204>

Hurricane Housing Recovery

Join us March 29, 10 – 11:30 AM to learn about HHRP Administration

This webinar will offer guidance to help housing administrators successfully implement the **Hurricane Housing Recovery Program (HHRP)**. It will include:

- Updates on initial HHRP plans from several communities
- HHRP Scenarios related to Income Qualification, Eligibility, and Duplication of Benefits
- Administrative Considerations
 - Guidance on Project Delivery Costs, including service delivery fees
 - Contracting HHRP Implementation and monitoring responsibilities when working with sub recipients
 - Options for online project management software
- Effective Strategies for Resilience, Equity, and Disaster Recovery



JUST SCHEDULED!

**March 29
10-11:30 AM**

Webinars made possible thanks to the Catalyst Program

HHRP Administration

PRESENTED BY

MICHAEL CHANEY **TAMARA WEST**

CJ REYNOLDS **DAYNA LAZARUS**

The graphic features a stylized house roof background. On the right, there are two photographs: the top one shows a person in a purple shirt working on debris at a construction site, and the bottom one shows a person in a blue shirt standing in front of a flooded residential area.

Register at: <https://attendee.gotowebinar.com/register/4200358048500332637>



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And Now...

The Posting of the PowerPoint!

PowerPoint is available in Chat



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Technical Assistance is Available

Daily Assistance:
1 (800) 677-4548

Options for Further Assistance Include:

Phone and Email consultation
Site Visits

**Register at www.flhousing.org for:
Webinars and Other Events**



Thank You!



CJ Reynolds

Director of Resilience
and Disaster Recovery
reynolds@flhousing.org



Dayna Lazarus

Technical Advisor
lazarus@flhousing.org



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