

SOUTHEAST ENERGY SUMMIT

**SOUTHEAST
ENERGY
SUMMIT**

November 20-22, 2024 | Nashville, TN

A nighttime photograph of the Nashville skyline, featuring the Bank of America building, the Parade building, and the Nashville skyline reflected in the water. A blue banner is in the top right corner.

**SOUTHEAST
ENERGY
SUMMIT**

WELCOME

**Nashville, TN
NOVEMBER 20-22, 2024**

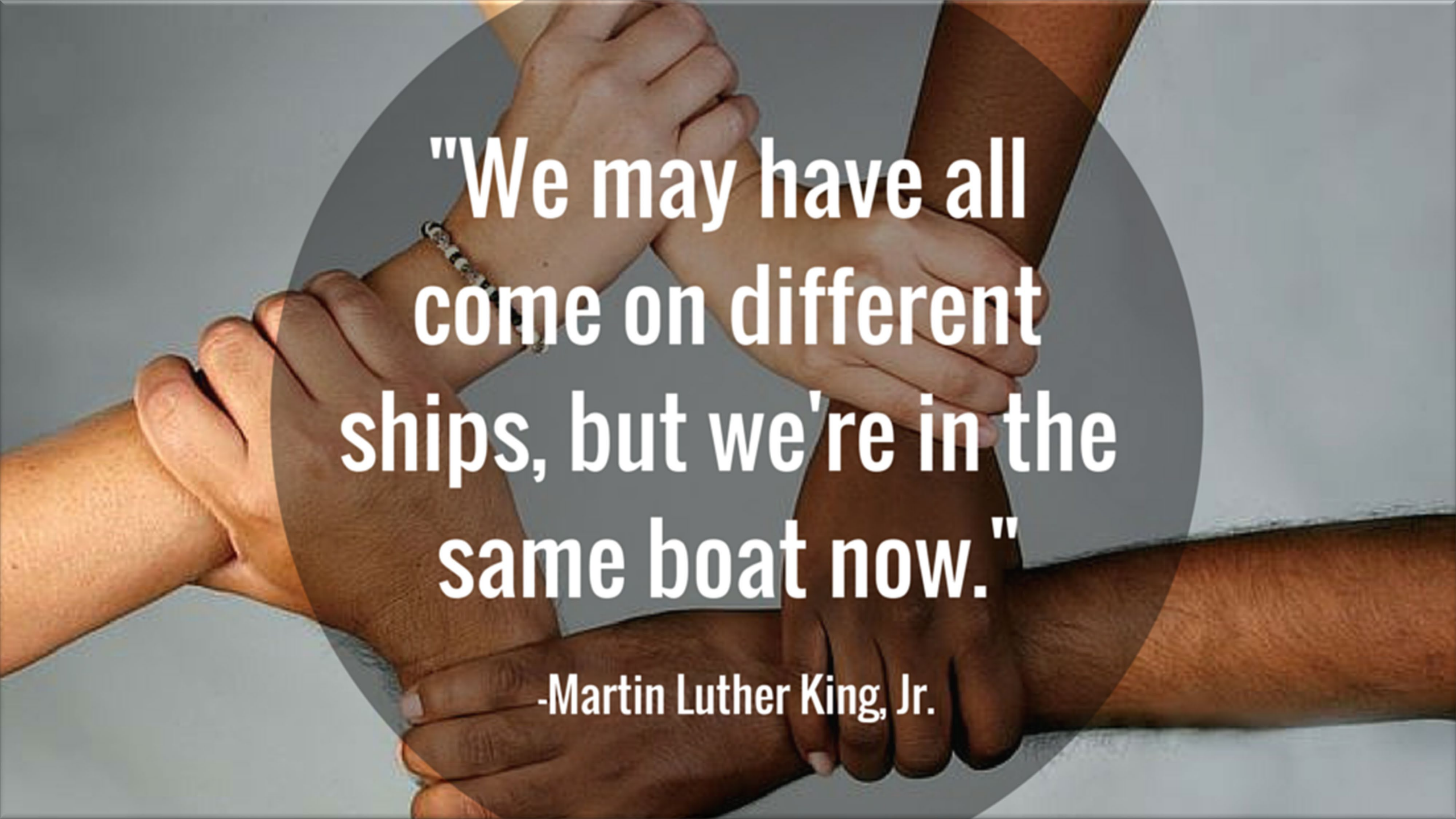


AIMEE SKRZEKUT

President/CEO

Southeast Energy Efficiency Alliance

**SOUTHEAST
ENERGY
SUMMIT**



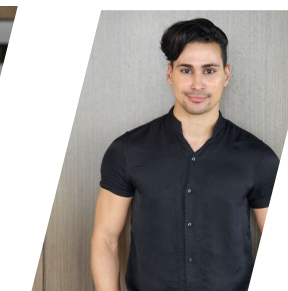
**"We may have all
come on different
ships, but we're in the
same boat now."**

-Martin Luther King, Jr.

2024 BOARD OF DIRECTORS



OUR STAFF



HEADLINE SPONSOR



Southern Company

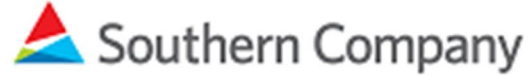


*Platinum Sponsor: Resource Innovations **COCKTAILS & CONNECTIONS***



OUR SPONSORS

HEADLINE



PLATINUM



GOLD



BRONZE



PARTNER



SUPPORTER

ILLUME

SOUTHEAST
ENERGY
SUMMIT

*THANK YOU
TO SEEA'S
MEMBERS!*

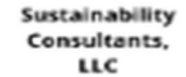


*Welcoming SEEA's **New** Members!*



- 7Gen
- Aeroseal
- Beneficial Electrification League
- C+C
- Cellulose Insulation Manufacturers Association
- Center for Transportation and the Environment
- Clearly Energy
- FSG
- HVAC U
- Julie Hayes Consulting
- National Children's Theater
- New North Carolina Project
- Power TakeOff
- Renew Home
- Rheem
- Southern Company
- Teverra

Recognizing *all* SEEA's members!



OUR MISSION

To optimize the use and impact of energy to enhance the quality of life in the Southeast and throughout the islands we serve.

OUR VISION

*All people across our footprint live and work in **healthy and resilient buildings**, utilize **clean and affordable transportation**, and thrive in a **robust and equitable economy**.*

OUR VALUES

Take Initiative

We take responsibility for realizing a better quality of life in the Southeast.

Earn Trust

We pursue our work with benevolence, competence, and reliability.

Value Others

We seek, respect, and promote diverse perspectives.

Pursue Equitable Solutions

We recognize, acknowledge, and account for a history of prejudice and inequality in Southeastern communities.



SEEA's Strategic Pillars



The Source

Serve as a creator, curator, analyst, and reservoir of timely quantitative and qualitative information and analysis in service to SEEA's strategic goals and equity-driven vision.



The Storyteller

Organize SEEA's external communications around a storytelling effort that collects and adeptly communicates success stories and case studies and amplifies the needs and opportunities of the region, especially for those communities whose stories are rarely captured or told.



The Navigator

Support local stakeholders and government decision-makers alike to ensure energy-related resources effectively reach local communities from major federal and philanthropic sources.



The Collaborator

Increase portfolio of SEEA- and partner-led projects to pilot and deploy technology and policy solutions that are both market- and equity-driven.

SEEA's Core Services

How We Create Mission Aligned Impacts Throughout our Footprint



Research

We conduct research and provide contextualized analysis to increase understanding of regional issues and inform effective strategies.



Consultation and Education

We provide technical expertise, market intelligence, strategic guidance and educational resources to help people solve problems, navigate change, and increase impact.



Program Management

We collaborate with partners to devise, develop, and manage innovative energy projects, programs, and service models.



Facilitation

We plan, develop, organize, and manage execution of structured processes or meetings that help collaborators and teams make progress toward their goals.



Financial Services

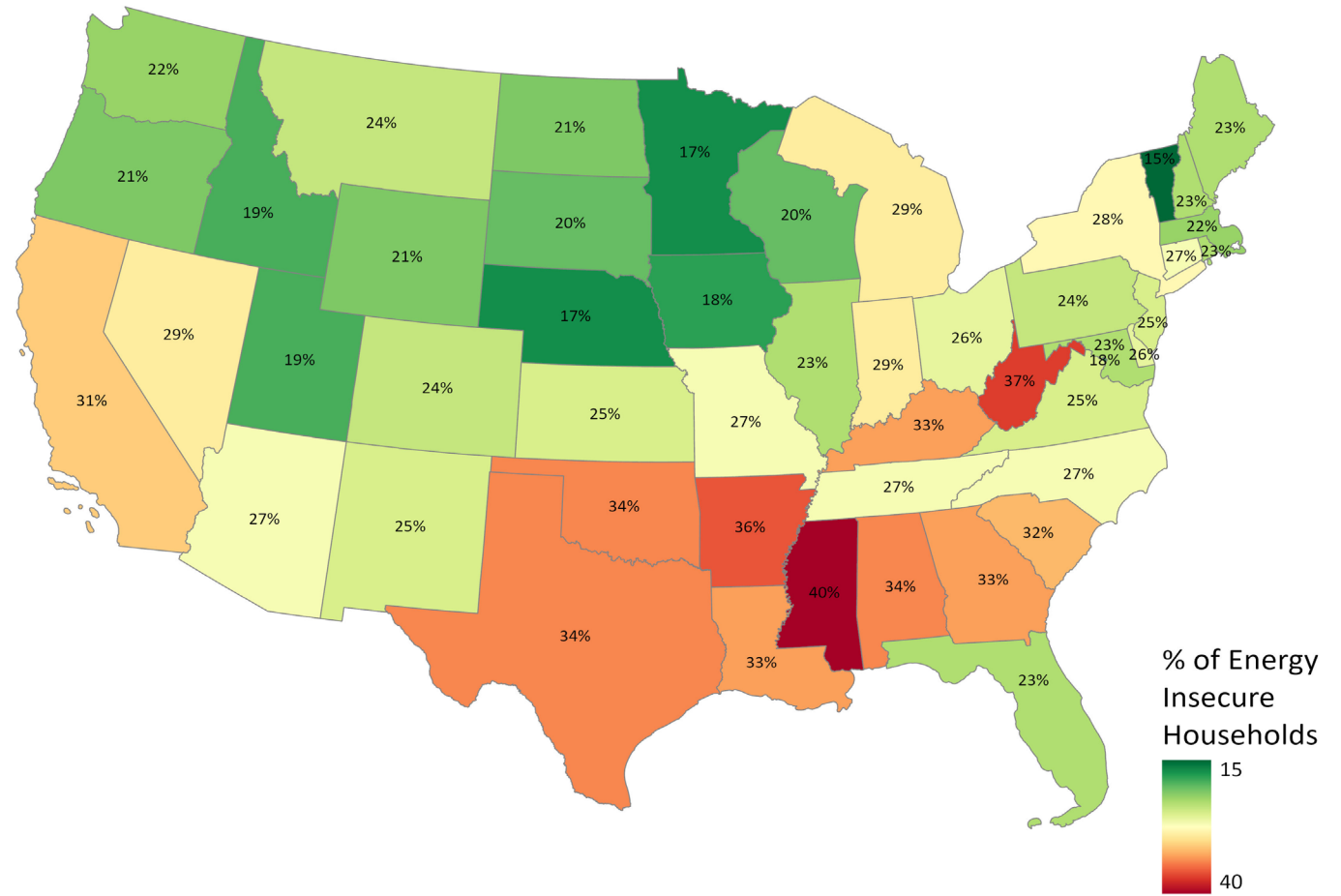
We seek, retain, and provide financial services to expand access to capital for energy efficiency investments in the Southeast.

ENERGY INSECURITY

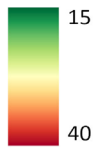
the struggle to maintain vital energy services, like heating and cooling.

30%

of all households
in the South are
energy insecure



% of Energy Insecure Households

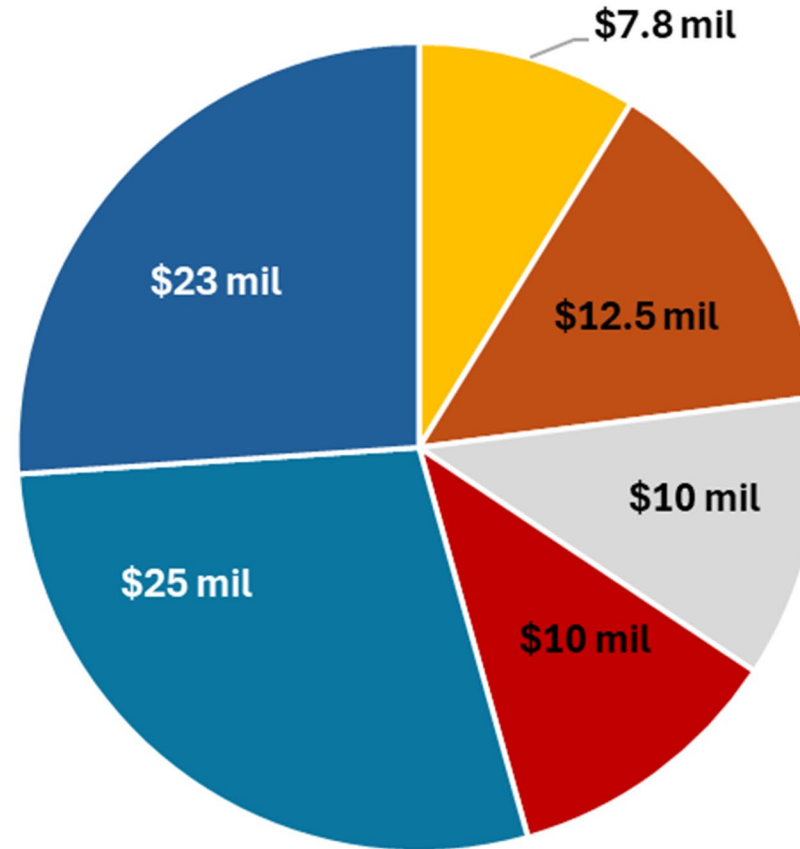


Data: EIA, Residential Energy Consumption Survey, 2020.
Map: SEEA, <https://www.seealliance.org/map-of-the-month-january/>

SEEA Support Services Contributed ~ \$110M in Partner Organization Awards!

~\$110 Million to SEEA Partners!

- GEFA
 - IRA - Inflation Reduction Act
 - CPRG - Climate Pollution Reduction Grant
 - EPA Clean School Buses
 - Gwinnett Housing Corporation
 - South Carolina City of Orangeburg
- * Selma, AL \$55K





\$23 Million

SEEA supported a coalition of stakeholders in **Orangeburg, SC** who secured grant to advance **clean and safe transit and housing**.

SEEA, **Sec. Pete Buttigieg** and **Congressman Jim Clyburn** (SC's 6th District) in Orangeburg, SC for the announcement of \$2.2B from the **USDOT's RAISE** discretionary grant program.





\$25 Million

- Through **research** and **technical assistance**, SEEA supported a coalition of stakeholders in unincorporated **Norcross, GA**.
- To date, our partners have secured **\$25 million** in funding to support:
 - **Healthy housing** investments and resources for homeowners and renters
 - **Scholarships for workforce development** opportunities in the building trades
 - **Community resilience** and **green infrastructure**



Celebrating Community Partnership of the Year Award!



**SOUTHEAST
ENERGY
SUMMIT**

GA General Assembly Recognition

24

LC 128 0439

House Resolution 1724

By: Representatives Lim of the 98th, Lupton of the 83rd, Clark of the 108th, Drenner of the 85th, Marin of the 96th, and others

NOW, THEREFORE, BE IT RESOLVED BY THE HOUSE OF REPRESENTATIVES that the members of this body recognize and commend Southeast Energy Efficiency Alliance and thank it for its efforts of behalf of the community and state.

4 Territories with complementary climate zones to ensure that all people live, work, and play
5 in healthy and resilient buildings, utilize clean and affordable transportation, and thrive in
6 a robust and equitable economy; and

7 WHEREAS, through research, programming, and policy support, it leverages energy
8 efficiency to decrease regional emissions, expand access to clean energy, and ensure healthy,
9 affordable buildings for vulnerable communities throughout the Southeast; and

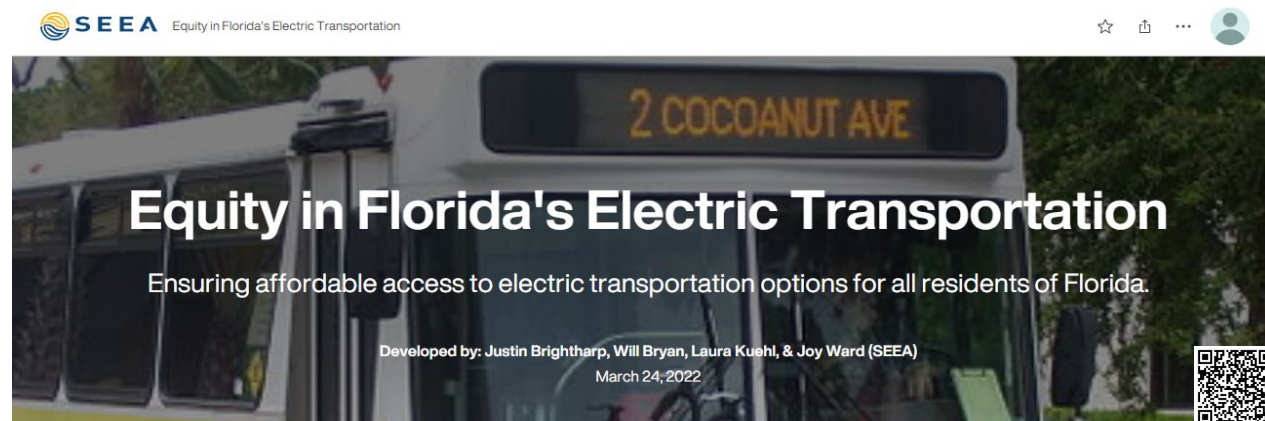
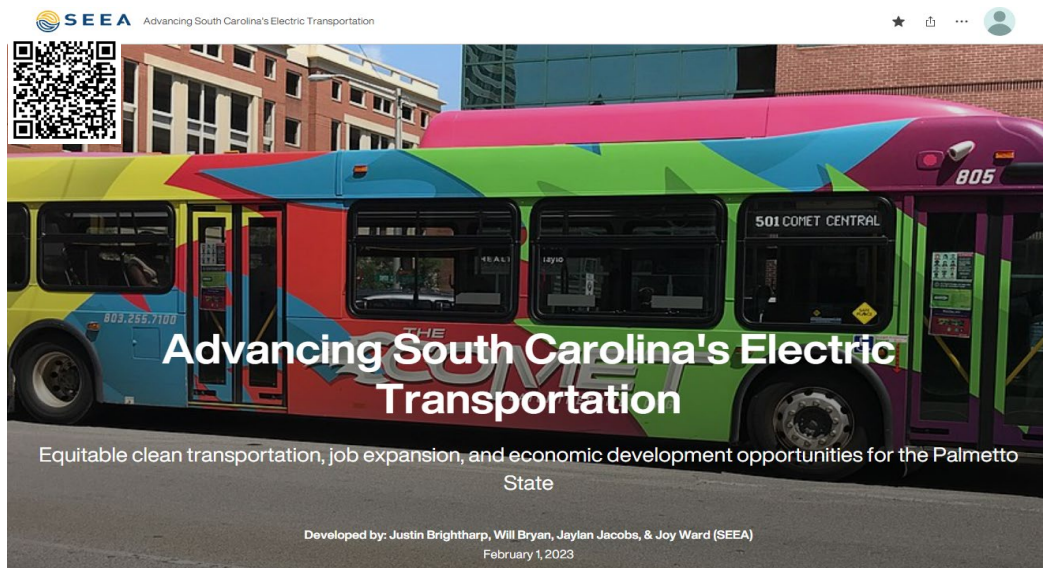
10 WHEREAS, it carries out research centered on where people and the energy sector meet and
11 seeks to understand how energy infrastructures, policies, and programs impact diverse
12 communities throughout the Southeast, and how it can improve these to benefit the economic
13 well-being, health, and security of communities throughout the region; and

**SOUTHEAST
ENERGY
SUMMIT**

**Adopted by the Georgia House of
Representatives on March 28, 2024**

The Storyteller

Story Maps



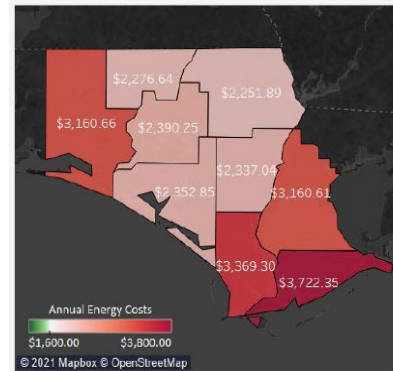
A Few SEEA Resources....

Fact Sheets

The Energy Insecurity Landscape: Florida

Panama City DMA

Ranking **2** out of 10 DMAs for energy burdens (highest-lowest)



Average Annual Energy Costs

The sum of annual energy costs for a household derived from all fuels required in the home (i.e. electricity, gas, propane, and others).

\$2,576	Average Household Costs (\$/year)	\$21,857	Average Low-Income Household Income
---------	-----------------------------------	----------	-------------------------------------

Average Energy Burden

The percentage of annual income that a household pays to cover all energy bills. The U.S. Department of Housing and Urban Development (HUD) considers spending more than 6% of income to be unaffordable.

7.3%	Average Energy Burden All Households	13.3%	Average Energy Burden Low-Income Households
------	--------------------------------------	-------	---

Energy Burdens by Housing Type	Mobile Home, RV, Boat	10.0%	Energy Burdens by Locale	Rural Areas	10.0%
	Multifamily	6.9%		Small Towns	8.3%
	Single-Family	6.6%		Metropolitan Areas	6.9%

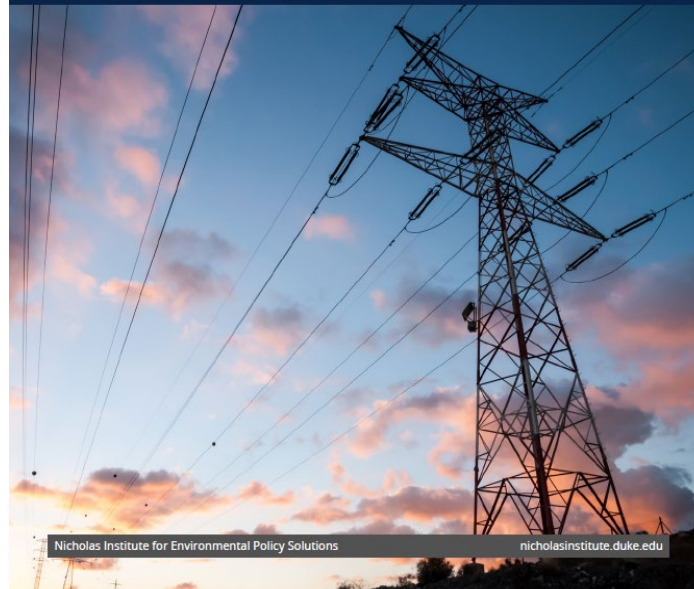
164	Renewable Generation Jobs (2019)	1,923	Energy Efficiency Jobs (2019)	-11.6%	% Change in Renewable Jobs 2017-2019	8.6%	% Change in EE Jobs 2017-2019
-----	----------------------------------	-------	-------------------------------	--------	--------------------------------------	------	-------------------------------

Publications



Stakeholder Recommendations for Reducing Energy Insecurity in the Southeast United States

Allie Garrett, Stacey Washington, and William D. Bryan

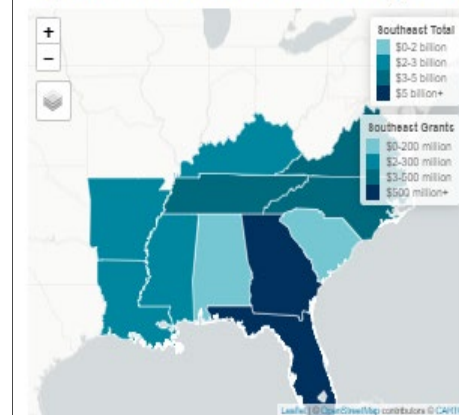


Nicholas Institute for Environmental Policy Solutions

nicholasinstitute.duke.edu

Trackers

Bipartisan Infrastructure Law Funding in the Southeast



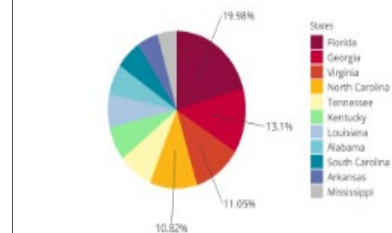
The Infrastructure Investment and Jobs Act, also known as the Bipartisan Infrastructure Law (BIL), was passed in November 2021 and allocates \$1.2 trillion over ten years in funding for infrastructure projects including roads, public transit, broadband, and electric grid upgrades. As federal agencies continue to allocate BIL funding, this map shows how much funding recipients in the Southeast have received as of January 22, 2024. This dashboard focuses on funding available through the BIL, and we plan to address additional sources of funding, including the Inflation Reduction Act (IRA) in future versions of this whitepaper as more funding is allocated.

Funding By State Funding By Category Funding by Award Type Energy Funding

Overview Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina

South Carolina Tennessee Virginia

Southeast BIL Funding by State



New Release:

Room to Breathe: Lessons From Atlanta's First Healthy Housing Program



Room to Breathe

Lessons from Atlanta's First Healthy Housing Program

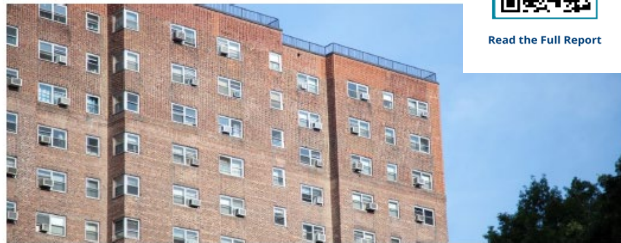
November 2024

Laura Diaz-Villaquiran
Research Associate

William D. Bryan
Director of Research

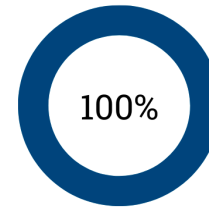


Read the Full Report

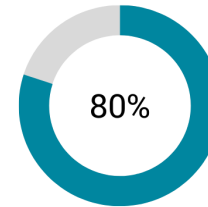


Key Takeaways

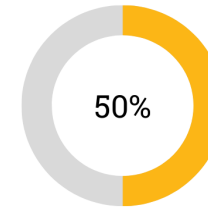
- Room to Breathe is Atlanta's first program to provide low-income renters with efficiency and healthy housing assessments. It is a partnership between SEEA, the Atlanta Volunteer Lawyers Foundation (AVLF), and SK Collaborative.
- A review of 11 completed healthy home assessments revealed inadequate standards of habitability, potential health and safety hazards for residents, and energy-inefficient housing conditions.
- All participating homes had evidence of water damage, which can exacerbate and even trigger respiratory illness in both children and adults.



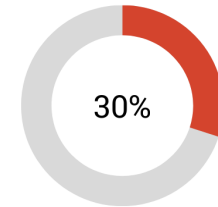
- 100% of assessed homes had water damage.



- Gaps, holes, and penetrations in the building envelope.
- Excessive dust.
- Suspected microbial growth.
- Pests.



- Gaps and inadequate weatherstripping in windows and entryways.
- Central HVAC system air filter in poor condition.



- Air filter missing from the central HVAC system.
- Reported that a child in the home suffered from respiratory issues.

Key Takeaways

- Atlanta's first program providing low-income renters with efficiency and healthy housing assessments in **partnership** between **SEEA, Atlanta Volunteer Lawyers Foundation (AVLF), and SK Collaborative**.
- A review of 11 completed healthy home assessments revealed inadequate standards of habitability, potential health and safety hazards for residents, and energy-inefficient housing conditions.
- 60% participating households utilized their home assessment reports to halt impending evictions, obtain critical repairs, or self-advocate in their eviction case.

**SOUTHEAST
ENERGY
SUMMIT**



Audience Participation



NAME



ORGANIZATION



PERSPECTIVES
(30 SECS OR LESS)



Making Headlines!

**SOUTHEAST
ENERGY
SUMMIT**

ENVIRONMENT

An overlooked climate solution unfolds in Memphis' energy challenges

With all-time power demand and conservation alerts, a decades-old energy framework could help Memphis and other cities respond to climate impacts.

BY ASHLI BLOW - JANUARY 23, 2024 5:01 AM



SOUTHEAST

As Duke Energy rate hikes loom in N.C., deal could lessen blow for energy burdened

The utility and clean energy advocates struck a side deal that will offer monthly discounts to tens of thousands of lower-income ratepayers and fund efficiency investments with shareholder dollars.



by Elizabeth Ouzts
September 7, 2023



We've spent two decades forging connections, honing business savvy, and mastering the ins and outs of your industry.

Home Elections Culture Wars Legislative Communities Federal Foreign Affairs Emails & Opinions Subscribe



University Of Tennessee Baker School, TVA Release Landmark Clean Energy Study

Wednesday, February 14, 2024

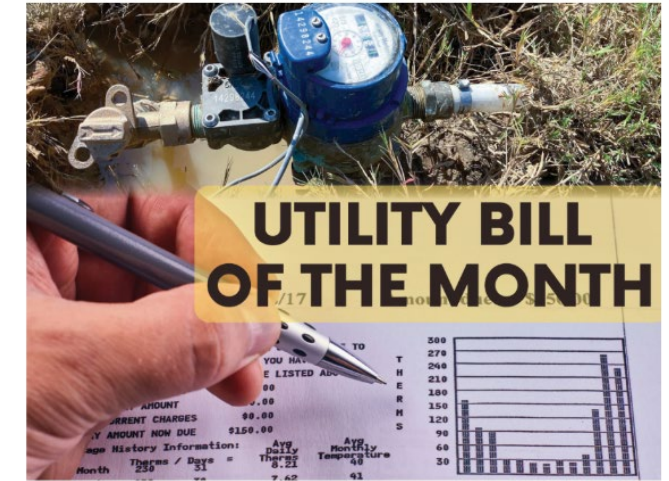
The University of Tennessee, Knoxville, Baker School of Public Policy and Public Affairs presented the results of a landmark **Valley Pathways Study** on Wednesday at the quarterly meeting of the Board of Directors for the Tennessee Valley Authority. The study is the first of its kind for the region – which includes parts of seven Southeast states. This study quantifies carbon emission sources by economic sectors and evaluates actionable strategies for the region to achieve net - zero carbon emissions by 2050. The Baker School will provide future updates as data is available.

She looked for help after her power bill doubled. But aid for utilities often falls short

WWNO - New Orleans Public Radio | By Stephan Bisaha
Published September 7, 2023 at 7:00 AM CDT



▶ LISTEN • 5:09



Rashad McChesney / Gulf States Newsmen

howcases pathway to address energy in Flo

MARKETPLACE JUL 19, 2023

SUPPORT MARKETPLACE MARKETPLACE SHOP ABOUT THIS SHOW

Stay cool out there

Plus: Why Chipotle is expanding to small-town America and what worries legal pros about the spread of AI-powered tools.

▶ LISTEN NOW



GET THE PODCAST APPLE SPOTIFY amazon music STITCHER RSS



Heat pumps are among the energy-conserving tools that new tax credits will partially cover. John Keeble/Getty Images

Team Lead	
Research Member	
Implementation Members	     
Industry Members	  



BUILDING AMERICA RETROFIT

SOUTHEAST ENERGY INSECURITY LEADERSHIP FORUM



SEEA JOINS SEC. GRANHOLM IN NEW ORLEANS, LA
 \$90 million in awards to implement updated building energy codes.

Audience Participation



NAME



ORGANIZATION



PERSPECTIVES
(30 SECS OR LESS)

SEEA: The Regional Navigator

Buildings Upgrade Prize



Regional Navigator

- A connector and partner **between DOE, NREL, and ten** locally-based **teams**
- Serves **eight states**
- **REEO** national **partner & collaborator**

Buildings Upgrade Initiatives

- Projects include **electrified heating** and **water heating** in homes, workplaces, and places of worship.
- Teams are creating **sustainable workforce solutions**.

Community Impacts

- Increasing **partnerships** with **state, local, and utilities**
- **TA** equipping teams with **skills** and **resources** to **stack** multiple **funding** sources
- **Elevating** community & stakeholder **voices**
- Supporting local **workforce solutions**
- Growing from **pilot to full-scale** initiative to **create** persistent community **change**

Project Spotlight: *Celebrating SEEA Buildings Up Initiative Winners!*

Don't Miss the Buildings Up Panel:
Thursday, 3:15 - 4:15
Ocean Way

Innovators:

Together New Orleans, represented by Dr. Rebecca Meriwether

- **Objective:** Promotes the Community Lighthouse Vision to weatherize & upgrade Houses of Worship across New Orleans as resiliency centers for communities served.

West Anniston Foundation, led by Tycoma Miller

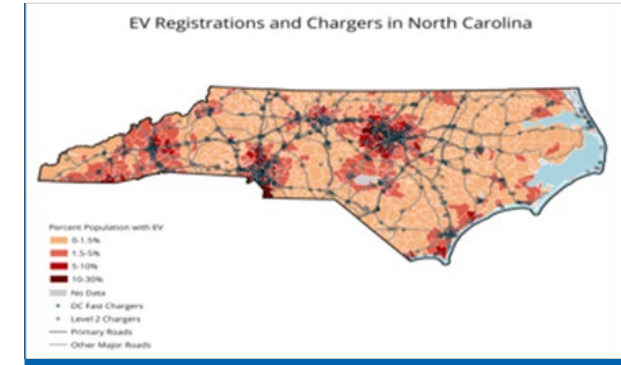
- **Objective:** Emphasizes health, energy equity, & restorative justice to weatherize & upgrade homes, mixed-use spaces, & Houses of Worship in West Anniston, Alabama.

New North Carolina Project, led by Dr. Aimy Steele

- **Objective:** Emphasizes a community-driven approach to delivering substantial home upgrades to North Carolina communities.



Navigating SE Equitable Electric Mobility



Florida EVSE Rulemaking

- Provided expert testimony to State of **Florida** on **rulemaking for regulation of EVSE**.
- **Partner coordination** of relevant SEEA members & state-based stakeholders

Local, Regional & National Partner

- TEEM Leader, navigator & core service provider of **TA, facilitation, education** in Virginia
- Convenor & cohort **SME to inform national and state strategy** around **transportation equity** in communities

SEEA Map of the Month

- SEEA conducted North Carolina **research & analysis of charging access**
- **Assessed** whether **equity correlations** existed

SEEA: THE LOCAL NAVIGATOR

Supporting our state and local governments!

GEFA



- SEEA secured foundation **funding** to support **GEFA**.
- Leveraging **GEFA** role as **convener** to **increase** local government & community **engagement**.

Selma, AL



- Through **Research, Consultation/ Education, & Financial Services** SEEA worked with **City of Selma (AL)** & community partners to support expanded access to **EE & clean energy jobs**.
- Supported **City of Selma & Black Belt Community Fdn.** in applying for **\$20M EPA Community Change Grant**.
- **Secured \$50,000** funding to support training local energy auditors to serve the Black Belt region.

North Carolina State Energy Office



- SEEA awarded **foundation grant** to **support NCDEQ** in the implementation of the federal funding for clean energy .
- Focusing on **building staff capacity** on **managing federal** projects, & federal reporting.

Georgia Community Investment Roundtables



- SEEA **Research, Consultation, Education, Facilitation, & Financial Services** to create partnerships with local governments throughout GA to **support clean energy infrastructure financing**.
- With **GEFA** as the **convener** & **anchor**, SEEA organizing **community roundtables** to help local governments understand **clean energy financing options** & develop plans to **access key tax credits and funds**.

Audience Participation



NAME



ORGANIZATION



PERSPECTIVES
(30 SECS OR LESS)

The Navigator: BRESE

Building a Resilient and Efficient SE Collaborative

Collaborators:

Building & Construction Partners

CBOs

Local & State Governments

NPOs

Private Industry Supporters

Utilities

Workforce Development Agencies

Partnering to:

- Catalyze & support inclusive ecosystem
- Drive increased energy & supportive code adoption
- Work at state & local levels

Made possible by:

- ✓ Expert-facilitated peer-to-peer cohorts
- ✓ First Ever Community Code Innovation Prize
- ✓ Ongoing Convening & Collaboration

Collaboratives & Partner Engagement



Island Collaborative

Addressing the unique needs of our partners in the islands & territories with complementary climate zones.

- American Samoa
- USVI
- Puerto Rico
- Northern Mariana Islands
- Guam
- Hawaii



HERO Project

Project Overview: SEEA is analyzing Heat Pump Water Heater & Envelope Rebates/Programs in the Southeast

Utility Engagement: SEEA will engage utilities to discuss program success & challenges.

Strategic Goals: Identify opportunities to enhance support for regional stakeholders.



State Energy Office SE Collaborative

"It was great to learn more about all of the available resources & what my peers are doing & thinking about in their respective states! Many thanks to **SEEA & the State Support Center** for a masterful coordination!

- Mitchell Simpson, Arkansas State Energy Office

SE Energy Insecurity Project (SEIP)

Collaboratives & Partner Engagement



Data Access & Awareness

- **Diverse, intersectional stakeholders**, including state agencies, nonprofits, & academia.
- Developing **data sharing standards & methods** to address the need for energy insecurity data.



Community Engagement

- **12 Southern states & national organizations** represented, working groups meet monthly.
- WG is creating a **best practices guide** for the development of regional/local one stop shops.
- Creating a **story map** for existing programs.



Utility Solutions

- **10** Southern states & national organizations represented.
- Monthly **working group** meetings.
- **Five utilities** partners.
- Developing a **toolkit of utility best practices** where energy insecurity was addressed successfully.



BE THE
CHANGE
YOU WANT TO SEE IN THIS
WORLD.
-MAHATMA GANDHI

