



"SAVE MONEY, SAVE ENERGY" WORKSHOP

New Free Funding for Home Energy Upgrades that Save You Money

About the Southern Alliance for Clean Energy



The Southern Alliance for Clean Energy (SACE) is a nonprofit organization that promotes responsible and equitable energy choices to ensure clean, safe, and healthy communities throughout the Southeast. As a leading voice for energy policy in our region, SACE is focused on transforming the way we produce and consume energy in the Southeast.

“Clean Energy Generation” Movement



The **Clean Energy Generation** is a movement of people who are taking action to create a healthier, more secure and sustainable environment, *starting now*.

What You Will Learn Tonight

- **KUB Home Uplift Program:** Immediately available for certain income levels
- **Inflation Reduction Act (IRA)** Unprecedented amount of federal support available to people to make homes more efficient, comfortable, and healthy
 - **Funds are available in two broad channels:** rebates and tax incentives

Stay in touch—we will provide more information as it comes available.



Our Homes

We all want our homes to...

- Provide safe and healthful environments for us and our loved ones
- Stay cool in summer
- Stay warm in winter
- Have affordable energy bills

But too often we have...

- Hot in summer
- Cold in winter
- Health and safety concerns
- Bills that are too high



More Comfortable Home and Lower Bills with Home Energy Upgrades

- Low cost home heating and cooling with new, efficient air conditioning and heating
- No more drafts around window and doors with air sealing
- Fast, easy cooking with clean, efficient electric induction stoves and ovens
- Keeping comfortable indoor temperature with insulation in attic and walls
- Convenience of fueling your car at home with an electric vehicle charger



Comfort, Health, Safety, and Savings

People who have improved their home with weatherization say:

- Easier to stay comfortable in their home, no matter the weather
- Easier to sleep, and fewer “bad” mental health days
- Lower monthly energy bills
- Fewer persistent colds and headaches, decreased doctor and ER visits and hospitalizations
- Easier to afford groceries, less need for food assistance

Home weatherization can also decrease risk of carbon monoxide poisoning and fires.

Source: Bruce Tonn et al., Oak Ridge National Laboratory. “Health and Household-Related Benefits Attributable to the Weatherization Assistance Program,” (2014).

Home Energy Improvement Opportunities for All

No matter how much we have in our wallets, **we all deserve a healthy home** that stays warm in winter and cool in summer, with bills we can afford.

ELIGIBILITY

All taxpayers, and low-income households

Lower income (\$65,300 or less for a family of four in the Knoxville area)

PROGRAMS

IRA direct rebates and tax credits can save you thousands for energy upgrades on your home.

KUB can send a crew to do on average \$10,000 of upgrades on your home.

OUTCOME

Cleaner air and more stable climate for *all* of us.



Justice40 Executive Order

- **Presidential initiative that directs 40% of benefits of federal climate investments to disadvantaged communities**
- **Addresses environmental justice issues**
- **Includes the following topics:**
 - Energy efficiency
 - Clean transportation projects
 - Training and workforce development
 - Clean water and waste infrastructure
 - Cleaning up long-term pollution
 - Affordable and sustainable housing
- **Requires community input and engagement**

Federal Home Energy Tax Credits

- **A tax credit reduces a taxpayer's final tax liability, dollar-for-dollar.**
- **30% tax credits available now—up to thousands of dollars per home***
 - Insulation and sealing, electrical work
 - Heating and air conditioning systems, electric water heaters
 - Efficient windows & doors
 - On-site solar (for example rooftop solar) and battery storage
 - Electric vehicle chargers
- **Electric vehicle tax credits**
- **You can access most tax credits year after year**

**annual limits apply*

Federal Home Energy Rebate Programs

- New federal rebate programs for home energy efficiency and electrification, to cover 50%-100% of costs
- Still in development, expected starting in 2024.
- Upfront rebates to cover home energy improvements including:
 - Heat pumps for space heating and cooling
 - Heat pump water heaters and clothes dryers
 - Electric stoves, ovens, and cooktops
 - Electric panels and wiring
 - Air sealing, insulation, and ventilation
 - Other energy-saving measures
- Some programs will be designed to benefit low income households.



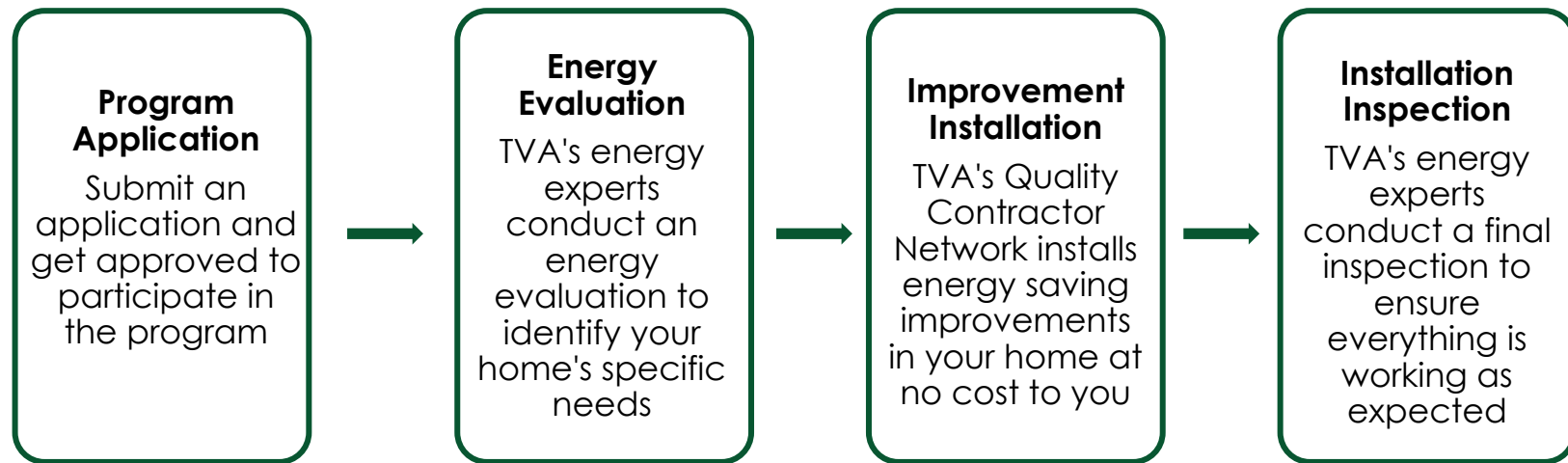
KUB Home Uplift: Free Home Upgrades Available

Provides on average \$10,000 in free weatherization and efficiency improvements.

- Heating and Cooling Systems
- Duct Systems
- Attic and Wall Insulation
- Windows and Doors
- Water Heating
- Lighting
- Air Sealing
- Refrigerators

KUB Program Process: How It Works

Home Uplift connects you with energy experts to install free home improvements that help you save energy and money.

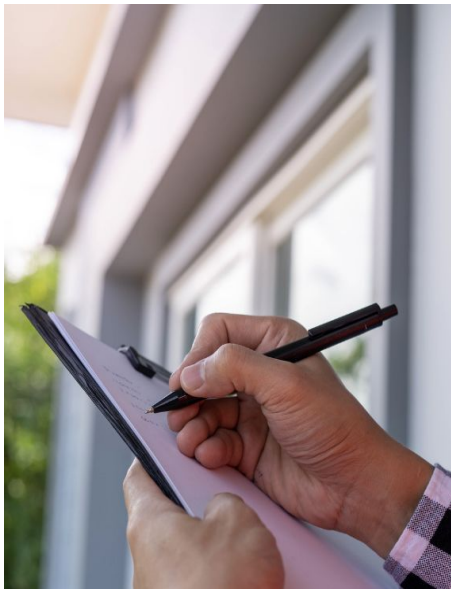


Home Energy Uplift Requirements

Participants Must:

- Be a KUB customer
- Meet income eligibility requirements; based on family size, for example
 - Less than \$45,750 for family of one
 - Less than \$65,300 for family of four
- Own or rent a single-family home (landlord approval is needed if renting) and be primary resident. Homes can be site-built or manufactured.
- Participate in a home energy evaluation

Experts Perform the Work for You



Apply Today for KUB Home Energy Uplift to Save Energy and Money

How to Apply

Email: support@mytva.com

Call: 888-986-7262

Check Eligibility and Apply Online:
homeuplift.mytva.com/qualify



Energy Improvements for Rental Housing



- Single family rental housing can be eligible for KUB Home Uplift with landlord approval
- Rental housing is eligible for federal home energy rebates
- Some tax credits apply for landlords to retrofit existing rental housing or add solar or batteries
- Some tax credits apply for individual renters, too
- Federal grants or loans for HUD-assisted housing to improve: energy or water efficiency, indoor air quality, energy storage (i.e. batteries), electrification, and climate resilience

How to Get Started

1. If you qualify for KUB Home Uplift, pick up an application today.

2. If you can use IRA tax credits or future rebates:

Consider starting with an energy assessment of your home

- This can help you identify which improvements can save you the most energy and money.

Make a plan

- Take stock of your appliances and plan for replacements in a way that makes the most of the IRA incentives and makes the most sense for your home.

Consider working step by step

- The tax credits will be available until 2032, so you can perform repairs over several years. Rebates are expected in 2024.

Identify service providers

- When finding a service provider, seek three quotes from different providers

Stay up-to-date on new opportunities

- Several IRA programs are still being developed. Stay up to date as programs roll out!



Home Energy Improvements Checklist

This Year

- Think about what you need and make a list
- Consider getting an energy audit

Soon

- Find out if you need a new electric panel or rewiring
- Improve the insulation and air sealing in your home

Over Several Years

- Replace windows and exterior doors

When it breaks

- Replace your furnace with a heat pump
- Replace water heater with a heat pump water heater
- Replace gas stove/oven with an efficient electric stove/oven

Also Consider

- Explore getting a renewable energy system to power your home
- Choose an electric vehicle for your next car and install a charger

Home Energy Assessment

If you aren't sure what steps will be most impactful for your home, an energy assessment is a good way to get information.

- A professional will check for air leaks and other inefficiencies and make detailed recommendations for high impact efficiency improvements.
- KUB Home Uplift includes a thorough assessment
- KUB has a separate free visual inspection program for everyone, but it is not as thorough
- An independent energy audit is not free, but is eligible for a 30% tax credit, up to \$150
- Look for [RESNET](#) or [BPI](#) certified professionals

Home Energy Assessment

KUB Free Assessment

- Walk-through, visual assessment

KUB Home Uplift

- Walk-through, visual assessment
- Diagnostic testing (blower door, duct leakage, pressure pan)

Independent Energy Audit

- Walk-through, visual assessment
- Diagnostic testing
- Check age of heating and cooling equipment and water heater



Heat Pump Technology for Your Home

COMFORT

Heat pumps work to **heat and cool your home.**

Heat pumps **move heat in or out of your house** to keep it warm or cool.

CLEAN AIR

Reduce between **1 and 7 tons of carbon pollution** per year.

Heat pumps **reduce pollution from fossil power** and make it easier to switch to renewables.

SAVINGS

Heat pump are much **more efficient.**

Save up to \$1,200 a year by switching from gas or electric coil appliances to heat pump HVACs, water heaters, and dryers



Questions?



Thank You!



Join the Clean Energy Generation Movement: cleanenergy.org/join-clean-energy-generation/

Follow Our Blog: cleanenergy.org/blog/

Contact Us: info@cleanenergy.org or
Cary Ritzler, SACE Climate Advocacy Coordinator, cary@cleanenergy.org, 706-201-7668

