

Our Impact

single family
home energy
assessments



kWh of solar worth \$1.4
million installed through
our Solarize campaigns

5,000+

incandescent
bulbs replaced
with
energy-saving
LEDs

616

low flow
showerheads
1,344
water-saving
faucet aerators

installed in 13
multifamily
buildings



20.5

**gigawatt hours
of energy and
\$2.5 million
saved since 2010**



1,500+
people reached with energy
efficiency messages through
direct outreach and at
community events

9
3
5

low-income multifamily households

single family homes

low-income single family homes

11 commercial buildings

1
3
0

33



leap-va.org
info@leap-va.org
facebook.com/leapva
twitter.com/leapva

Annual Report 2018

412,113 kWh saved = **\$49,454** annual energy
cost savings =

318,595
pounds of coal
unburned

102
tons of waste
recycled instead
of landfilled

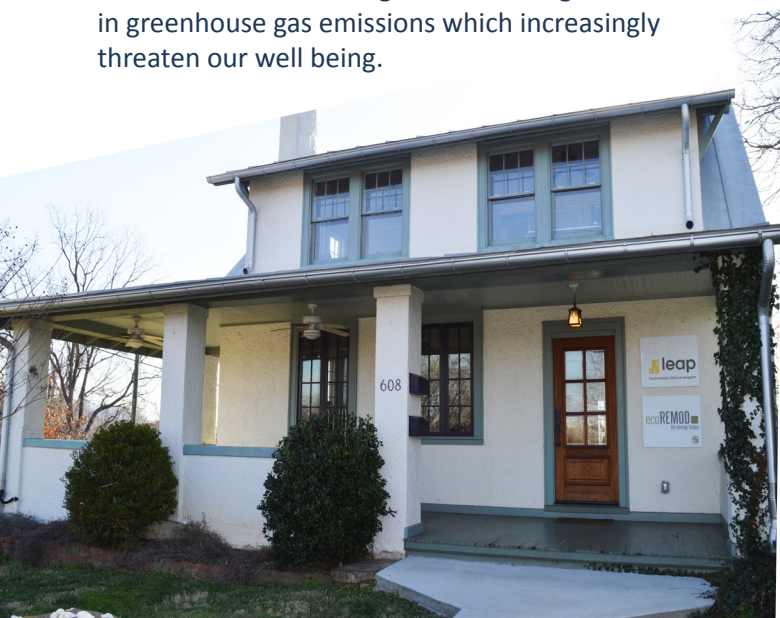
343
acres of U.S.
forest carbon
sequestration

Energy Efficiency as Climate Action

2018 was a year of new programs, new staff and continuing partnership. We piloted a three step program designed to spur energy efficiency upgrades in our core service area, added a Building Analyst, welcomed a new Client Services Coordinator, and expanded our signature products to the County of Albemarle. We continue our strong relationship with the City of Charlottesville and are very grateful for new financial support from the Albemarle Board of Supervisors. Our \$45 Home Energy Check-Up has been wholeheartedly embraced by County residents, accounting for a 30% increase in single family home energy assessments in 2018.

Northern Virginia Regional Commission and Piedmont Environmental Council remain steadfast partners in our twice yearly Solarize campaigns, with a spring campaign planned for mid-April to mid-June. We actively participate in the Virginia Energy Efficiency Council, the Multifamily Energy Efficiency Coalition, the Virginia Board of Housing and Community Development, the Southeast Energy Efficiency Alliance, and the Charlottesville Housing Advisory Committee. In addition, we count Albemarle Housing Improvement Program, Community Housing Partners, and Charlottesville Climate Collaborative among our closest friends in our on the ground energy efficiency work.

Our day to day work helping home and business owners reduce the energy use in their buildings, puts money in residents' wallets through saved utility costs and makes homes more comfortable and safe. Together these individual benefits create significant, lasting reduction in greenhouse gas emissions which increasingly threaten our well being.



The Energy Information Administration puts residential energy use at 21% of all energy consumption and 20% of carbon emissions in the U.S. Reducing your home energy use is one of the most effective actions you can take to reduce your contribution to climate change.

Many of us tote reusable bags to the grocery store, drive a hybrid car, shop at the farmer's market and incorporate other green practices into our lives. Our houses are a bigger project and it can feel overwhelming to understand your home's energy use and then take effective action to make it more efficient. LEAP is your guide to a more energy efficient home. With our three step program – Home Energy Check-Up, Project Management, Energy Smart Rebates – our Building Analysts are with you throughout the process from laying out a plan to managing contractors.

From Northern Virginia to the collaborative effort of Charlottesville, Albemarle County and UVA, local governments are filling the void left at the state and federal level through ambitious greenhouse gas emissions reduction targets and climate action plans. On the ground organizations like LEAP are vital to reaching those goals. As we move into 2019, LEAP will continue to part of the climate conversation by advocating for strong action by local government, working hand in hand with community partners, and helping our neighbors reduce their energy use, one home at a time.

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Our Work

Closing the circle on residential energy efficiency in Charlottesville and Albemarle

In 2018, with support from the City of Charlottesville and Albemarle County, we piloted a three step program intended to accelerate the rate of homeowners making energy efficiency upgrades. With a Home Energy Check-Up at an accessible price point, start to finish Project Management, and cash Energy Smart Rebates, we aim to make energy efficiency the norm for homeowners in our core service area.

Energy Smart Rebates

a little incentive goes a long way

Rebates up to \$500 per home in the City of Charlottesville and Albemarle County for select energy efficiency upgrades spur homeowners to take action to reduce their energy use.

Bringing energy efficiency to all

Low income residents experience disproportionate energy burden, paying a higher percentage of their income each month for energy costs. Every dollar saved through energy efficiency measures eases that energy burden. We continue to be a provider of income and age qualifying weatherization programs for area Dominion Energy customers and administer the Assisted Home Performance program for lower income City of Charlottesville residents.



Home Energy Check-Ups *mapping the way forward to energy efficiency*

A 90-minute visit by one of LEAP's certified Residential Building Analysts includes installed measures, like LED bulbs and water-saving aerators that result in immediate energy and cost savings, and provides a checklist of additional energy saving improvements.



Project Management

a streamlined path led by LEAP experts to complete energy upgrades

After a Home Energy Check-Up, a LEAP Energy Advisor acts as the single point of contact throughout the process of air sealing, attic insulation, installing a new heat pump, or whatever the energy efficiency upgrade may be.



"Project Management was an easy choice for us during this phase of life with a young child. Not having to think about contractors and having LEAP's input on the project was great." - Maddy B., Charlottesville

Working toward a clean energy future

The world is experiencing the effects of climate change now. The time for a major shift to renewable energy is now. Since 2014, our Solarize campaigns in Central and Northern Virginia have educated home and business owners about the process and benefits of going solar and provided pre-selected, vetted contractors with the best possible service and pricing, resulting in 441 installations, 3.1 megawatts, and \$8,504,038 of new solar power.

"We love it! Nothing like coming home after a sunny day and seeing that our energy usage on our meter is lower than the previous day!"

*- Joe & Leah Gillmer,
Alexandria*



Making our communities stronger and energy aware

We take our energy efficiency and renewable energy message to classrooms, neighborhood meetings, libraries, community events and more. The success of our clean and efficient energy future depends on education and empowerment of all of our citizens.



608 Ridge St.
Charlottesville, VA 22902



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