

A close-up photograph of a person wearing a blue short-sleeved shirt, a green safety harness, and grey work gloves. The person is holding a small, vibrant green pine tree sapling. The background is slightly blurred, showing other people in similar attire, suggesting a group activity or training session outdoors.

ACE Energy Efficiency Programs



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ACE Residential Programs



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Efficient Products

HVAC

- The HVAC Program is designed to incent the installation of eligible energy efficiency measures that increase the energy efficiency of single-family separately metered homes throughout ACE service territory.

Appliance Recycling

- The Appliance Recycling Program is designed to remove old and inefficient products from customer's homes, eliminating excessive energy from the grid
- Participants can receive up to \$75 for qualifying, operating appliances
- Partnering with the EPA's Responsible Appliance Disposal (RAD) program to ensure best environmentally responsible practices are employed

Appliance Rebates

- The Appliance Rebates Program provides rebates for energy efficient products, after the customer has made their purchase. Applications for these products will be made available online and in stores. Rebates are available for the following ENERGY STAR® certified products:
 - Clothes Dryers
 - Clothes Washers
 - Refrigerators
 - Air Purifiers
 - Dehumidifiers
 - Room Air Conditioners

Lighting

- The Lighting Discounts Program is designed to save customers energy and money, and increase market share of ENERGY STAR® certified lighting products sold through retail channels (in-store) by providing instant discounts (at the time of sale) to decrease customer cost, as well as provide information and education to increase customer awareness and acceptance of energy efficient lighting.

Existing Home Programs

Home Weatherization

- The Home Weatherization Program will provide comprehensive energy assessments and free direct installation of energy efficient technologies and weatherization services to qualifying customers with limited income.
- The program offers installation of energy saving items during the appointment, plus up to \$6,000 in energy efficient upgrades and up to \$1,500 for health and safety improvements. (Income qualify (251%-400% of FPL)).

Home Performance with Energy Star (HPwES)

- Holistic approach for customers to invest in energy efficiency that offers a whole home solution.
 - An energy audit is performed by a qualified participating contractor.
 - An energy efficiency action plan is developed to include recommended improvements to save money and energy.
 - Customers can receive up to \$5,000 in rebates.
 - Financing options will be available
 - Terms will align with other New Jersey utilities.

Quick Home Energy Checkup (QHEC)

- Provides a free in-home assessment from a BPI certified auditor that will assess the customer's energy usage and provide a written report of additional energy saving opportunities.
- During the assessment, the auditor may install energy efficient measures at no cost, including LED lightbulbs, faucet aerators, and advanced power strips.

Multifamily

- Provides property owners and managers with an on-site energy assessment of both individual units (Residential) and common areas (Commercial).
- The program will provide a report that identifies the savings opportunities along with estimates of project costs.
- Properties with 3 or more dwelling units that are attached qualify
- There are 3 components of the program
- Direct Install – property can receive in-unit installs of direct install measures
- Home Performance with ENERGY STAR® - property will receive prescriptive measures
- Commercial – property will receive measures for common areas



Commercial & Industrial Programs

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ACE C&I Programs

Prescriptive and Custom Measure

- Promotes the installation of high-efficiency electric and/or natural gas equipment by eligible non-residential customers, either via the installation of prescriptive or custom measures or projects.
- The program provides prescriptive-based incentives to commercial and industrial customers to purchase and install energy efficient products.
- When a prescriptive product or technology option is not listed, the program provides provisions for qualified custom measure consideration and incentives.

Small Business Direct Install Program

- The Small Business Direct Install Program is focused on installation of efficiency measures for eligible non-residential customers that typically lack the time, knowledge, or financial resources necessary to investigate and pursue energy efficiency.
- The program will pay a percentage of the up-front cost to install recommended energy efficiency measures, with the participating customers contributing the balance of the project not covered by the incentive.
- The program will also provide a repayment/financing option to participants for their required contribution.

Engineered Solutions

- Program will provide tailored energy efficiency assistance to public service entities and multi-family facilities.
- The program will provide expert-guided service throughout delivery to assist customers in identifying and undertaking large energy efficiency projects on site, while requiring no up-front funding from the customer

Energy Management

- Program includes many offerings to assist C&I mid-size and large customers tune up their buildings and use energy more efficiently.
- These offerings are designed to capitalize on operational saving opportunities, no- and low-cost energy efficiency measures and identify opportunities for energy efficiency productivity savings. Offerings include:
 - **Unitary HVAC Tune-up**
 - **Full Building Tune-up (aka Retro-Commissioning)**
 - **Strategic Energy Management (SEM)**

For More Information



863-353-0007



EnergyEfficiency@atlanticcityelectric.com



HomeEnergySavings.atlanticcityelectric.com

Our Climate Commitment

We aim to reduce greenhouse gas emissions associated with our NJ operations by approximately 50% by 2030, achieve net zero by 2050, and build a more resilient future...

Company



ACE's climate and clean energy strategy focuses on three distinct areas:

As a corporate leader with significant facilities and assets, a major employer, an electricity provider, and an operator of critical infrastructure, we recognize that we have a responsibility to lead by example and act to address our own greenhouse gas footprint from our operations, while providing customers with safe, reliable, affordable and sustainable energy.

Customers



Individual and collective action is required to address the climate crisis. We work to empower our customers with the tools, programs and resources they need to manage their energy use and costs and offer sustainable and equitable solutions so everyone benefits from the transition to a clean energy economy.

Community



We seek to be an essential partner in the statewide effort to reduce greenhouse gas emissions (mitigation), adapt to the impacts of a changing climate (adaptation and resilience), and enable economic opportunity and innovation across New Jersey.

Our Climate Commitment

Leading by example

ACE has a wide variety of initiatives planned or underway to reduce the greenhouse gas footprint associated with our facilities, fleet and operations.

These include efforts to reduce electricity use in buildings and increase the use of renewable electricity, reduce leaks from gas-insulated circuit breakers, and pursue fleet electrification.

We will also engage with our employees to encourage better environmental choices.



Energy Efficient Lighting

▶ Atlantic City Electric will install LED lighting technology, both indoor and outdoor, as part of planned building renovations between now and 2025.



Reducing Our SF6 Leak Rate

▶ ACE will maintain its overall SF6 leak rate at less than 1% through leak inspections and replacing aging equipment. ACE will also evaluate the use of SF6-free equipment.

Enabling Our Employees

▶ ACE will establish an Eco-Team ERG chapter, encouraging employees to use public transit and carpool; measure, monitor and reduce their personal GHG footprint; and provide energy-saving and GHG-reducing tips for at home and at work.



Measuring Our Usage to Eliminate Energy Waste

▶ Atlantic City Electric will complete an energy efficiency audit and review of our metering data at our Atlantic Regional Office in 2021, and implement identified energy saving opportunities by 2025

Transitioning to Clean and Renewable Energy Use

▶ ACE will transition its building electricity use to 50% carbon-free electricity by 2025 using a combination of strategies including the purchase of NJ Tier 1 and Solar RECs.

Readying the Grid

▶ ACE will harness new modeling tools to forecast, prepare for, and support greater DER penetration, while the company continues to expand electrification and enable DER integration.

Electrifying Our Fleet

▶ ACE will convert 92 passenger vehicles or small SUVs to all electric or plug-in hybrid models and 68 medium duty or heavy-duty vehicles to those with idle-mitigation and plug-in hybrid capabilities by 2025.



Installing Chargers

▶ To meet our 2025 and 2030 fleet electrification commitments, we will install 18 additional chargers at our Atlantic Regional Office.

Building Resilience

▶ ACE is taking steps to both understand the impacts of climate change on its infrastructure and taking action to increase its ability to withstand and respond to future climate-related events.

Our Climate Commitment

Empowering Our Customers



We offer our customers solutions to act on climate, while reducing their energy expenditures – helping them save money. In 2021, ACE launched a suite of programs to provide residential and business customers with energy efficiency offerings and services, including no-cost energy assessments, incentives for upgrades, rebates on energy efficient products and technologies and financing options to help them use less energy and save money.

New Jersey also has leading renewable energy goals, including targets for local solar. Enabling increasing amounts of solar on the electric grid requires system upgrades to both expand capacity of electric feeders and customer-facing technology to accelerate and optimize the siting and interconnection of solar from a customer and system perspective.

Affordable & Efficient Energy Solutions

► In 2021, ACE launched a full suite of energy efficiency programs for customers, including low-and moderate-income households, to help them save money and reduce their GHG footprint. ACE will also expand its energy savings tips on atlanticcityelectric.com for all customers.

Providing Information to Enable Advanced Energy Solutions

► ACE will make available to all customers access to their energy usage information through online portals, such as My Account pending regulatory approval. This will provide customers with the information they need to make smart energy choices and enable innovative energy solutions.



Promoting Smart Energy Choices

► ACE will launch an online “Energy Marketplace” to provide customers with the opportunity to identify, compare and purchase energy efficient equipment, lighting, appliances and other devices in one convenient and secure online location.

Helping Local Solar Thrive

► In 2020, ACE deployed a Connect The Grid system to better support customers and contractors in tracking solar interconnection projects. ACE will also update its current online “solar hosting capacity map,” including information on cross-border feeders, to help customers and solar project developers identify appropriate locations on the grid to site local solar projects.



Advanced Metering With a Smart Energy Network

► ACE received approval from the BPU for its Smart Energy Network program, which will replace all 560,000 customers’ meters beginning in mid-2022 with automated metering infrastructure and deploy a supporting communications network to enable amounts of energy efficiency and demand response technologies and grid connected smart devices.

Advancing the Electric Vehicle Revolution

► Starting In late 2021, ACE will offer a portfolio of electric vehicle rebate programs to support the deployment of EV charging infrastructure for all customers segments, including residential, commercial, workplace and public. The portfolio will provide make-ready investments and rebates to support up to 3,250 charging ports for residences, public spaces, fleets, and workplaces.

Our Climate Commitment

Advancing a Cleaner and Brighter Future for all New Jerseyans

ACE has a variety of initiatives planned and in-flight to support New Jersey's climate and clean energy goals, focusing on the leading sources of greenhouse gas emissions and enabling the deployment of clean energy technologies and advanced energy solutions.

ACE is also investing for the future by engaging and educating students on climate change and expanding and evolving our workforce development programs to meet the needs of a clean energy economy that is both impacted by climate change and driven by advanced energy solutions.



Planting Energy Saving Trees

▶ In partnership with the Arbor Day Foundation's Energy-Saving Trees program, ACE has provided more than 900 free trees to customers throughout South Jersey.



Enabling Offshore Wind Options

▶ ACE is supporting New Jersey's offshore wind goals by working with offshore wind developers and state and local economic development agencies to facilitate interconnections to ACE transmission facilities and support efforts to build-out the state's offshore wind eco-system, including manufacturing and port facilities.

Sustainable Community Grants

▶ The program awards a total of \$75k annually to support municipally-sponsored environmental stewardship and resiliency projects in South Jersey. ACE will continue this program through at least 2023.

LED Streetlight Conversion

▶ With the approval of ACE's Smart Energy Network conversion of ACE's legacy streetlights to Smart LEDs has the potential to deliver modern, more efficient lighting. To date, ACE has converted over 15,000 streetlights to LED across our service territory.

Engaging and Educating Students on Climate Change

▶ ACE, Exelon, the Drumthwacket Foundation and Sustainable Jersey partnered to create the NJ Student Climate Challenge, a program to foster the growing role young people play in addressing the climate crisis.

Workforce Development Growth

▶ ACE has committed to expanding its Energy Efficiency curriculum by including training on AMI meter installation, Greenhouse Gas education, the impacts of solar and wind energy, and its integration of hybrid vehicles into its fleet.

Enabling Community Solar

▶ ACE is investing in the systems and actively participating in the regulatory process to support the successful implementation of the state's community solar pilot program, including modifying our billing systems and processes, and identifying opportunities to expand system capacity to enable greater deployment and integration.



Advancing Opportunities for Solar, Storage and More

▶ ACE is working with the BPU and other stakeholders to facilitate the interconnection of additional renewable generators and to identify and install, where possible, new technologies such as energy storage and smart inverters to enhance the grid.

A photograph of two women in a warehouse or distribution center. The woman on the left is wearing a blue quilted vest over a grey long-sleeved shirt and a light blue surgical mask. The woman on the right is wearing a dark blue long-sleeved jacket with 'THE NORTH FACE' logo, a dark blue baseball cap with a 'pepco' logo, and a white N95-style face mask. They are both carrying large cardboard boxes. The background is a blurred industrial setting with other workers and equipment.

Questions?

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