

CleanEnergyGroup

2025 IMPACT REPORT

AFFORDABLE, RELIABLE, CLEAN ENERGY FOR ALL



Dear friends and supporters,

The energy landscape in the United States changed dramatically over the past year. Like many nonprofit organizations, Clean Energy Group was directly impacted by the Trump Administration's unprecedented cancellation of federal grants, and while the courts debate whether these actions were lawful, projects meant to bring clean energy to low-income communities have been indefinitely delayed, scaled back, or cancelled entirely. The Administration's accelerated termination of tax incentives for solar and wind has caused further instability in the clean energy sector and will make it especially difficult to develop community-led clean energy projects. Meanwhile, the rapid growth of generative AI and the ensuing data center buildout across the country has amplified the need for more clean energy generation and stricter energy development guardrails—but instead, we are seeing a trend towards unrestricted fossil fuel buildout.

Throughout this year of change and chaos, Clean Energy Group has been unwavering in our mission to provide innovative technical, economic, and policy solutions to enable communities to participate equitably in the clean energy transition.

This annual impact report highlights Clean Energy Group's key initiatives and achievements in 2025. Together with our partners, we have advanced groundbreaking clean energy policies and regulations, strengthened opposition to polluting power plants, facilitated the development of community-serving solar and energy storage installations, and helped communities understand and navigate changes to federal energy policies and incentives.

To our supporters and partners, we extend our deepest gratitude. As the federal government works to dismantle societal protections and reverse clean energy progress, your commitment and collaboration is more important than ever. It is vitally important for state and local efforts to step up as the federal government has stepped away from energy justice, and the Clean Energy Group staff and I look forward to continuing this critical work together in the year ahead.



Seth Mullendore
President and Executive Director

CleanEnergyGroup



Together New Orleans celebrates the approval of a \$30 million virtual power plant proposal in December 2025. Clean Energy Group supported this effort.

Photo: Together New Orleans.



Tristan Grant (New Buildings Institute), Seth Mullendore (Clean Energy Group) and Claire Lee (Generation Power CT) at Building Energy NYC in October 2025.

Founded in 1998, Clean Energy Group provides innovative technical, economic, and policy solutions to accelerate the equitable deployment of clean energy technologies. By serving as a trusted partner for communities, advocates, and policymakers working at the forefront of the energy transition, we bridge critical gaps in the clean energy space through expert technical assistance, responsive guidance, and independent analysis.

In 2025, with support from our funders and in collaboration with partners, we were successful in:

- **Bringing the benefits of resilient power to marginalized communities.**
Clean Energy Group reached a milestone of supporting 400 community-serving facilities through our Technical Assistance Fund, which provides project development support to organizations exploring solar and battery storage for energy resilience and cost savings. To date, more than 100 of these projects have been completed.
- **Accelerating the retirement of peaker power plants.**
We partnered with community-based organizations in California, Massachusetts, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Texas, Vermont, Virginia, and Washington in fighting fossil fuel power plants in environmental justice communities.
- **Advancing equitable policies and programs.**
We worked directly with policymakers and regulators in 22 states, providing technical support, expert testimony, guidance, and recommendations for developing inclusive and accessible clean energy programs.
- **Raising energy justice awareness.**
To build awareness of the injustices of the fossil fuel energy system and the opportunities to unlock greater energy equity through clean energy, we published dozens of informational resources, reaching tens of thousands of advocates, policymakers, and community members.

To learn more about our work, projects, and initiatives, visit www.cleanenergygroup.org.

Questions about this report or Clean Energy Group? Comments, questions, and donation inquiries can be directed to info@cleanenergygroup.org or 802-223-2554.

Clean Energy Group's initiatives are focused on four key areas of work.



Climate Resilience and Community Health

Facilitating the deployment of clean energy solutions for healthy air, safe and reliable backup power, and financial well-being.



Distributed Energy Access and Equity

Enabling greater access to clean energy in low-income communities and communities of color.



Energy Storage and Flexible Demand

Energy storage and demand flexibility are key to enabling an electric grid powered by renewable energy.



Fossil Fuel Replacement

Accelerating the retirement of fossil fuels and the development of clean alternatives.



CLIMATE RESILIENCE AND COMMUNITY HEALTH

Facilitating the deployment of clean energy solutions for healthy air, safe and reliable backup power, and financial well-being.



Photo: ehrlif/Bigstock

The Problem

In 2024, Americans experienced longer power outages than in any year in the previous decade. Hurricanes accounted for 80% of these lost hours. Extreme weather events are becoming increasingly common and severe, and low-income households and marginalized communities are hit first and worst.

Millions of Americans rely on electricity-powered home medical equipment, including life-support equipment and technologies for independent living, such as electric wheelchairs, ventilators, and internet access for telehealth.

Power outages can be more deadly than the natural disasters that cause them. Without electricity, heating and cooling systems are down, refrigeration for food and medication is unavailable, and communication with emergency responders is disrupted.

Only 1 in 7 households have access to reliable backup power, and 38 percent of households in the US experience a high energy burden.

2025 Progress



Published the nation's first climate resilient energy code designed to enable affordable housing residents to safely shelter in place during severe weather and power outages.



Provided technical assistance funding and guidance to support solar+storage installations at 20 community-serving facilities, including affordable housing, community centers, institutions of faith, and healthcare facilities, to keep essential services running during extreme weather and power outages. Over 60 percent of funding supported BIPOC-led organizations.



Published research and guidance on the public health need for resilient power technologies at affordable housing and community health centers, in partnership with the Connecticut Green Bank, the National Association of Community Health Centers, and other organizations.



Published introductory-level materials about solar and storage for resilient power to support community outreach efforts, including a two-minute animated video on the basics of microgrids, fact sheets on residential and utility-scale lithium-ion battery storage fire safety, and a series of introductory videos on solar+storage used in a free training program hosted by the University of New Hampshire's Center for Impact Finance.



FEATURED PARTNER

The Preservation of Affordable Housing (POAH)



POAH's mission is to preserve, create, and sustain affordable, healthy homes that support economic security and access to opportunity for all. POAH developed Boston's first all-electric building greater than four stories with a city-permitted battery energy storage system paired with a rooftop solar array.

Located in Roxbury, a low-income, primarily Black and Latino neighborhood of Boston, the Kenzi Apartments comprises 50 units of income-restricted senior apartments. This project was supported through a pre-development grant and technical guidance from Clean Energy Group. Clean Energy Group produced a short [two-minute video](#) profiling the Kenzi Apartments project, featuring an interview with Julie Klump, Vice President of Design and Building Performance at POAH.



POAH's Julie Klump stands on the rooftop of the Kenzi Apartments in Boston, MA. Photo: Clean Energy Group.

2026 Priorities

Equip rural community health centers with resilient solar+storage systems to keep essential public health services running in the event of a power outage, in partnership with the National Association of Community Health Centers, Capital Link, and Collective Energy Company.

Continue delivering one-on-one solar+storage support and technical assistance to municipalities, community-based organizations, Tribal Nations, first responders, and affordable housing providers to help them achieve their energy resilience goals.

Provide guidance on battery storage safety to dispel misinformation and equip households and communities with information about best practices.

Advance portable solar+storage resources to support emergency response and recovery in partnership with municipal agencies, community service providers, and disaster response and recovery groups in Louisiana, North Carolina, Puerto Rico, and Virginia.



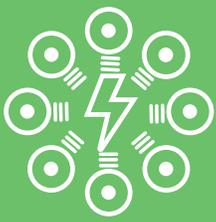
Dr. Estelle-Marie Montgomery, FH Fauntery Executive Director, celebrates the installation of rooftop solar and storage.

Photo: FH Fauntery Center & Resilience Incubator.

FEATURED INSTALLATION

FH Fauntery Center & Resilience Incubator, Washington, D.C.

The FH Fauntery Center & Resilience Incubator's mission is to address the economic, health, community and environmental determinants of resiliency across generations. This mission also incorporates power resiliency and disaster preparedness/response. FH Fauntery is located at the ground floor of a mixed-use 100% affordable housing apartment building, in one of the marginalized areas of DC, east of the Anacostia River. In 2021, Clean Energy Group awarded a Resilient Power Leadership Award to FH Fauntery to support solar+storage capacity building and community engagement. This support, along with targeted technical assistance, contributed to FH Fauntery's ability to implement the community's vision for a resilience hub. In doing so, FH Fauntery became DC's first community resilience hub and the most expansive in the direct region. FH Fauntery's solar and battery storage systems were installed in late 2025.



DISTRIBUTED ENERGY ACCESS AND EQUITY

Enabling greater access to clean energy in low-income communities and communities of color.



Photo: Dennis Schroeder/NREL

The Problem

Low-income communities and communities of color experience the highest levels of environmental pollution. These communities are most likely to live in direct proximity to heavily polluting energy infrastructure.

Low-income households spend the highest percentage of their income on energy expenses, yet they are typically the last to experience the economic and air quality benefits of clean energy technologies.

Clean energy policies, programs, and financial systems are not widely accessible, leading to an inequitable distribution of clean energy incentives and resources.

Clean energy programs require intentional design to reach underserved households. Without identifying and addressing barriers, participation patterns typically remain unchanged.

2025 Progress



Supported the equitable expansion of clean energy in Massachusetts, New Jersey, and New York by submitting public comments on renewable energy, energy storage, and energy affordability programs in collaboration with community-based organizations and by engaging with energy regulatory agencies.



Published updated guidance on how to access federal Investment Tax Credits for clean energy projects, before the accelerated retirement of these essential incentive programs due to changes in federal guidance. These resources were accessed over 15,000 times in 2025.



Supported community-based organizations in six states—Colorado, Hawaii, Maryland, Michigan, Pennsylvania, and Wisconsin—in developing local energy resilience expertise, producing community-specific educational resources, and engaging with over 1,100 community members about the benefits of solar+storage.

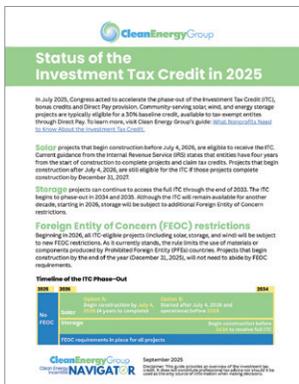


FEATURED PARTNER

PUSH Buffalo

People United for Sustainable Housing (PUSH) Buffalo was founded in 2005 as a member-based community organization. PUSH Buffalo has established itself as a trusted source of clean energy information for individuals, small businesses, and affordable housing providers in Buffalo and across the five counties of Western New York with the support of NYSERDA's Regional Clean Energy Hubs initiative.

In 2025, funding and technical assistance provided by Clean Energy Group allowed PUSH Buffalo to expand its role and develop new resources about the benefits of resilient power, project economics, and available incentives.

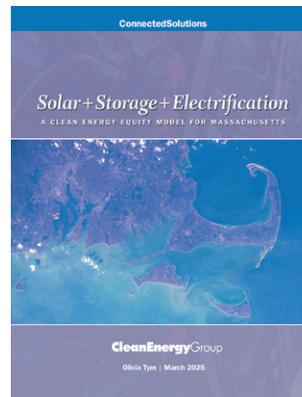


FEATURED PUBLICATION

Status of the Investment Tax Credit in 2025

In July 2025, Congress acted to accelerate the phase-out of the Investment Tax Credit (ITC) for solar installations. In response to requests from our community

partners, Clean Energy Group produced a fact sheet providing an updated timeline for the ITC eligibility of both solar and energy storage projects based on construction start dates, as well as guidelines on new foreign entity of concern (FEOC) restrictions. Related guidance is available in Clean Energy Group's 2025 blog post, *What Nonprofits Need to Know about the Investment Tax Credit in 2025*.



FEATURED PUBLICATION

Solar+Storage+Electrification: A Clean Energy Equity Model for Massachusetts

A Massachusetts pilot program represents a replicable and scalable model for bringing renewable energy, battery

storage, and electrification to low-income households. By reducing overall energy usage, replacing fossil-fuel appliances with clean alternatives, and lowering peak demand costs, the CVEO program will lower energy costs not only for program participants, but for ratepayers across the state. Policymakers and energy efficiency program administrators can look to the CVEO program as a model for the design and implementation of integrated, sustainable, and inclusive distributed clean energy programs.

2026 Priorities

Collaborate with state and municipal agencies to assess and advance solar and energy storage programs and policies that prioritize equity and affordability.

Partner with community-serving organizations to help them access solar federal tax incentives before they expire.

Build awareness of the meaningful benefits, technological capabilities, and practical economics of solar and energy storage through a broad range of informational materials, including case studies, analyses, and fact sheets.



ENERGY STORAGE AND FLEXIBLE DEMAND

Energy storage and demand flexibility are key to enabling an electric grid powered by renewable energy.



Photo: Dennis Schroeder/NREL

The Problem

Energy storage and flexible demand are critical grid assets that are undervalued by utilities and grid operators. By shifting electricity demand away from periods of high energy consumption or low generation, storage and demand flexibility reduce strain on the grid, enhance the efficiency and reliability of the power system, lower costs for utilities and consumers, and reduce reliance on fossil fuels, enabling a smoother and more cost-effective transition to a clean energy future.

Policy and regulatory barriers have slowed the growth of demand response and virtual power plants, despite a critical need for innovative distributed energy management programs. This jeopardizes states' ability to meet decarbonization goals and risks billions of dollars in unnecessary grid investments.

Only 13 states have established energy storage goals and, of those states that have, most are far from meeting their installation targets.

Projected load growth, in combination with affordability concerns, presents a challenge to states committed to clean energy and decarbonization in the electricity sector. Scaling up distributed generation and storage will be critical in meeting these challenges while continuing to advance decarbonization and electrification.

2025 Progress



Supported the creation of a \$30 million virtual power plant program in New Orleans through an effort led by local organizations Together New Orleans and the Alliance for Affordable Energy. This program will bring solar+storage to 1,500 homes and 250 community institutions across the city to improve reliability and energy costs for low- and moderate-income households. This landmark investment is the result of years-long organizing and advocacy efforts.



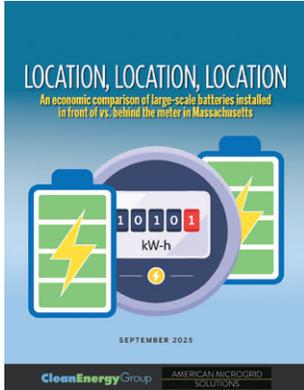
Submitted comments and provided guidance to inform energy storage program design in New Jersey to meet the state's goal of 2,000 megawatts of storage by 2030 and advance the state's equity and environmental justice priorities.



Provided technical support, expert testimony, guidance, and recommendations to state agencies and advocates in Colorado, Connecticut, Maryland, Massachusetts, New Jersey, New York, North Carolina, Pennsylvania, and Washington, DC to establish incentive programs for distributed energy storage with an emphasis on ensuring equitable access for low-income and underserved communities.



Launched a new energy storage working group for regulators, providing needed support on questions of policy, program design, and equity.



FEATURED REPORT

Location, Location, Location: An Economic Comparison of Large-Scale Batteries Installed in Front of vs. Behind the Meter in Massachusetts

This report compares the costs and benefits of one utility-scale, front-of-the-meter battery system versus five commercial-scale, behind-the-meter batteries of the same aggregate cost in Massachusetts. The report was commissioned by Cape and Vineyard Electric Cooperative (CVEC) to help CVEC decide between two possible ownership models for future energy storage procurement, while also providing a more general cost/benefit comparison between front-of-the-meter utility-scale and behind-the-meter commercial-scale batteries.

2026 Priorities

Assess and advance virtual power plant best practices across the country, with a focus on equity benefits. These efforts will include supporting a working group for states led by the Clean Energy States Alliance, publishing informational resources, and providing direct support to communities where virtual power plants are being proposed and implemented.

Survey interconnection reform models from across the US and promote best practices for energy storage interconnection to the grid.

Publish educational resources and analyses to inform partners about the role of medium- and long-duration energy storage in advancing the clean energy transition.

FEATURED WEBINAR

Long-Duration Energy Storage: A Panel Discussion

Long-duration energy storage (LDES) is often defined as eight hours or longer of battery storage. But why exactly do we need it, and when? Clean Energy Group hosted a panel discussion to address these questions, as well as what needs to be done to support LDES technology and market development. Guest speakers represented Salt River Project, Princeton University, Massachusetts Department of Energy Resources (DOER), Smart Electric Power Alliance, and Dominion Energy.

Chico Hunter
Salt River Project

Wilson Ricks
Princeton University

Tom Ferguson
Mass. Dept. of Energy Resources

Weston Dengler
Smart Electric Power Alliance

Geovanni Castano
Dominion Energy

Seth Mullendore
Clean Energy Group

FEATURED WEBINAR

MassCEC’s Vehicle-to-Everything Program

Vehicle-to-everything (V2X) systems incorporate bi-directional charging, allowing EV batteries to both receive and dispatch grid power. These technologies are relatively new and adopting them can pose complex challenges for customers. State support can be an important part of encouraging more widespread adoption of these technologies. This Clean Energy Group webinar highlighted the Massachusetts Clean Energy Center’s V2X Demonstration Projects program, which provides funding to residential, commercial, and school district applicants to install bi-directional EV chargers at no cost. Data from the installed charging stations will be collected and analyzed as a part of the program to further understand the benefits of the technology. Guest speakers represented MassCEC, Resource Innovations, and The Mobility House.



FOSSIL FUEL REPLACEMENT

Accelerating the retirement of fossil fuels and the development of clean alternatives.



Photo: kodda/iStockphoto

The Problem

There are more than 1,000 oil and gas peaker power plants operating in the US, concentrated near population centers, impacting the health of 32 million Americans living within three miles of a peaker plant.

Fossil power plants are disproportionately located in low-income communities and communities of color, leading to massive nationwide disparities in community health and well-being.

False solutions, like burning hydrogen and implementing carbon capture and storage, further entrench fossil fuel control of the power system and threaten to delay or completely derail the equitable transition to clean energy.

Energy-intensive data centers are being proposed and built across the country to support advances in AI, driving up energy costs and resulting in plans to continue operating aging fossil fuel power plants and to build new gas plants instead of relying on more cost-effective clean energy solutions.

2025 Progress



Collaborated with community advocates in Pennsylvania, Louisiana, and Virginia to raise awareness of the harms of unchecked energy load growth from data center buildout, which has contributed to an energy affordability crisis and the proliferation of fossil fuels.



Supported community opposition to a proposed 11.2% increase in electricity rates in New York, alongside our partners in the PEAK Coalition (New York Lawyers for the Public Interest, NYC Environmental Justice Alliance, THE POINT CDC, and UPROSE). ConEd and the New York Department of Public Service recently released a joint proposal to limit the rate increase to 2.8%.



Raised awareness of the local harms and global warming impacts of hydrogen production, transportation, and use through the development of educational materials and comments submitted to federal agencies.



Supported community-based organizations in Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Texas, and Vermont in fighting fossil power plants in environmental justice communities and pushing back against harmful industry-led hydrogen proposals.



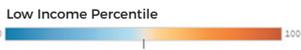
Published an assessment of the community health impacts of an aging peaker power plant in Pittsfield, MA, together with our partners in the Massachusetts Clean Peak Coalition (Berkshire Environmental Action Team and Slingshot) and Applied Economics Clinic.



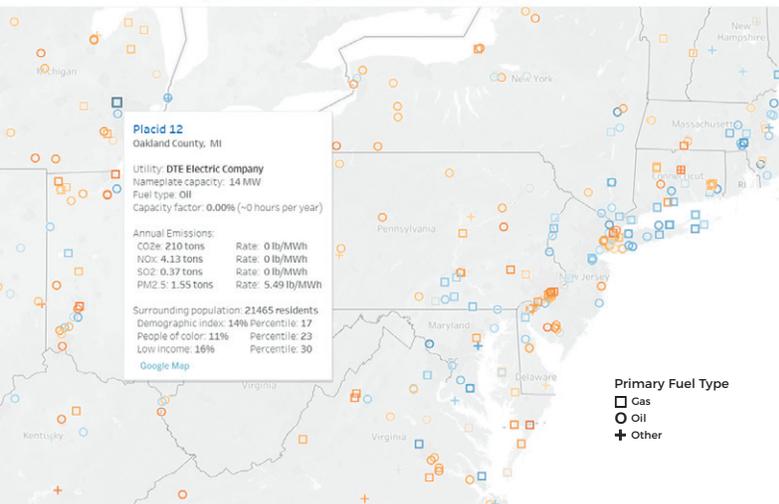
FEATURED RESOURCE

Peaker Power Plant Mapping Tool

Clean Energy Group maintains an interactive online map allowing users to access basic operating and emissions information for all 1,087 fossil fuel peaker power plants in the US, along with demographic information about populations living near each power plant. The data indicates significant racial and economic disparities in the communities that are most burdened by peaker plant emissions.



1,087 Peaker Power Plants: Low-Income Percentile



FEATURED INITIATIVE

Hydrogen Information and Public Education

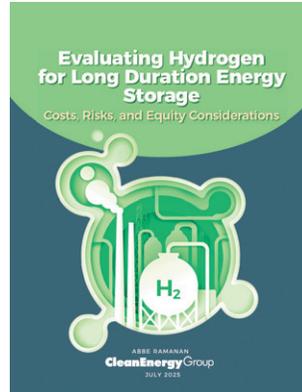
This initiative is dedicated to raising awareness of the health and environmental impacts of hydrogen production and use. In 2025, Clean Energy Group published eight fact sheets on the potential risks of hydrogen, created a detailed hydrogen production color chart, and published

2026 Priorities

Strengthen partnerships with environmental justice groups opposing fossil fuel power plants in Massachusetts, New York, and Pennsylvania.

Produce and disseminate evidence-based, accessible materials on the environmental, public health, and economic impacts of hydrogen, renewable natural gas, carbon capture and sequestration, and peaker power plants.

Provide technical and policy support for community-based organizations, environmental justice advocates, and state and local policymakers facing data center proposals, increasing energy demand, and rising energy costs.



a report evaluating hydrogen for long duration energy storage. Clean Energy Group also submitted four sets of comments related to hydrogen— three to the U.S. Department of Energy and one to the New York State Energy Planning Board—and circulated three public

comment templates to local groups located near proposed federal hydrogen hubs.

FEATURED WEBINAR

Local Strategies for Data Center Reform

As AI becomes more ubiquitous, proposals for data centers are popping up across the country, prompting local concerns around noise, water use, and energy demand. In this Clean Energy Group webinar, panelists working in Louisiana, Virginia, and Pennsylvania discussed how their organizations are pushing for guardrails to protect local communities from some of the harms that data center development can bring.

CLEAN ENERGY GROUP STAFF & BOARD



Anna Adamsson
Project Manager
South Bend, IN



Maria Blais Costello
Grants & Publications
Director
Montpelier, VT



Samantha Donalds
Communications
Manager
Montpelier, VT



Warren Leon
Clean Energy
States Alliance
Executive Director
Concord, MA



Marriele Mango
Senior Project
Director
Philadelphia, PA



Meghan Monahan
Business Operations
Manager
Montpelier, VT



Eva Morgan
Project Manager
Boston, MA



Seth Mullendore
President &
Executive Director
Montpelier, VT



Todd Olinsky-Paul
Senior Project
Director
Montpelier, VT



Abbe Ramanan
Project Director
Lewiston, ME



Zareen Reza
Communications
Associate
Queens, NY



Olivia Tym
Project Manager
Asheville, NC



Anthony Vargo
Chief Financial
Officer
Montpelier, VT



Anna Whitlock
Director for People,
Culture, and Equity
Montpelier, VT

www.cleanenergy.org/staff



Logan Atkinson Burke
Vice Chair
Executive Director of the
Alliance for Affordable
Energy



Brian F. Keane
Board Chair
Founder and President
of SmartPower



Kenneth Locklin
Managing Director
(retired) for Impax Asset
Management LLC



Seth Mullendore
President and Executive
Director of Clean Energy
Group



Shiva Patel
Managing Director of
Investments at Justice
Climate Fund



Angela Tovar
Chief Sustainability
Officer and Commis-
sioner at City of
Chicago

www.cleanenergy.org/board-of-directors



50 State Street, Suite 1 • Montpelier, VT 05602
802.223.2554 | www.cleanenergy.org | info@cleanenergy.org