
2013
Annual
Report



ENE



**Acadia
Center**

Note: As of October 30, 2014 ENE (Environment Northeast) is now Acadia Center. To more accurately reflect the organization's geographic scope and evolving approach, we adopted a new name, logo and website (<http://www.acadiacenter.org>). Our team, goals and commitment to results have not changed. The front matter has been updated to reflect the brand. The reporting refers to ENE as appropriate for events prior to the name change.

2013-2015 Board of Directors

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 - Howard Gray, Treasurer
 - David Sutherland, Secretary
 - Doug Baston
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 - Daniel L. Sosland, President*
- * *Co-terminus with staff position*

Current Staff (updated 2015)

- Abigail Anthony – Director, Grid Modernization Initiative & Director, Rhode Island Office
- Carrie Armbrecht – Finance & Operations Manger
- Emily Avery-Miller – Director, External Relations
- Amy Boyd – Senior Attorney
- Marisa Bulkeley – Development Associate (*joined 03/2015*)
- Evelyn deFrees – Associate Director, External Relations
- William Dornbos – Senior Attorney & Director, Connecticut Office
- Kiernan Dunlop – Communications Associate (*joined 04/2015*)
- Ellen Hawes – Senior Analyst, Energy Systems and Carbon Markets
- Jamie Howland – Director, Climate and Energy Analysis Center & Director, Energy Efficiency and Demand Side Initiative
- Varun Kumar – Policy Data Analyst, Climate and Energy Analysis Center
- Mark LeBel – Staff Attorney
- Leslie Malone – Senior Analyst, Energy and Climate & Director, Canada Program
- Chuck Quintero – Director of Clean Energy Community Engagement (Maine) (*joined 04/2015*)
- Irina Rodina – Staff Counsel (*joined 05/2015*)
- Peter Shattuck – Director, Clean Energy Initiative & Director, Massachusetts Office
- Daniel Sosland - President
- Jordan Stutt – Policy Analyst, Clean Energy Initiative

Mission

Acadia Center is a non-profit, research and advocacy organization committed to advancing the clean energy future. Acadia Center is at the forefront of efforts to build clean, low carbon and consumer friendly economies. Acadia Center's approach is characterized by reliable information, comprehensive advocacy and problem solving through innovation and collaboration.

Acadia Center is the new name of Environment Northeast (ENE). Although the name and logo have changed, the staff, programs and commitment to results continues unchanged. Over the past 15 years, Environment Northeast (ENE) has built a successful track record of providing solutions to advance state and regional efforts to promote effective clean energy and climate policy. The new Acadia Center brand more accurately reflects the organization's geographic scope and evolving approach.

Vision

Acadia Center envisions a clean energy, low-carbon economy focused on using advances in clean technology—not fossil fuels—to heat buildings, power cars and generate power. The clean energy future will empower consumers, lower greenhouse gas emissions and improve economic productivity and the livability of our communities. Acadia Center is pursuing reforms in four key sectors that will work simultaneously to drive this profound and much-needed transformation:

- Use low- or no-carbon electricity to heat and cool new buildings and power our vehicles
- Clean up our energy supply by advancing renewable energy
- Reform outdated utility regulations and financial rules so that the regional power grid embraces renewable energy and new energy technologies installed at our home and businesses
- Maximize investments in energy efficiency—the lowest-cost and cleanest fuel available

Acadia Center is working to build this system now. States and regional systems urgently need myriad energy policy changes. Regulatory barriers that limit new technology must be removed. Long-term infrastructure investment decisions being made today will lock in consumer costs and options for decades to come. Acadia Center is advancing policies that will facilitate new, clean technologies; protect customers; and grow the economy.

Values

To achieve this vision, Acadia Center is leading immediate action and is committed to long-term engagement. This includes practices from concept design to rulemaking to implementation and monitoring progress. Acadia Center devises solutions and stays with the effort until results are achieved.

Policies based on credible evidence and analysis win consensus and have real impact. Results should be measurable and the information should be available to all stakeholders. Acadia's CLEAN Center has the capacity to test solutions to shape advocacy and evaluate performance.

The best solutions take into account the interests and needs of all stakeholders. Acadia Center reaches out to all players, including nontraditional alliances with business, industry and consumer groups. The goal is policy that functions well, facilitates innovation, empowers consumers and grows the economy.

2013 Year in Review

Believing strongly in our mission and guided by a sense of urgency about the need and opportunity for change, ENE worked through numerous strategies to accomplish our goals in 2013. During any given week, staff could be found around the region working with stakeholders, representing environmental perspectives on state boards and councils, advocating in legislatures and administrative processes for sound clean energy policies, speaking out to stop bad policies from proceeding, researching innovative policies, analyzing and galvanizing data and trends into persuasive science-based proposals, participating in regulatory proceedings, intervening in Public Utility Commission dockets and giving presentations on data, trends and opportunities to myriad audiences from policymakers to regulators to organizational supporters.

Our work is organized into five initiatives, which provide an efficient structure for our work yet allow for collaboration and synchronization across sectors:

- **Energy Efficiency:** establish energy efficiency as the cornerstone of state and regional energy policy and promote aggressive, sustainable levels of energy efficiency funding and effective programs.
- **Clean Energy:** reduce GHG emissions from electricity generation, transportation fuels and building heating and cooling by promoting new programs and technology. Strengthen current policies including the Regional Greenhouse Gas Initiative (RGGI), renewable resource incentives, cleaner fuels and heating/cooling technology.
- **Transportation:** significantly reduce GHG emissions from the transportation sector by promoting electric vehicles, lower-carbon passenger and freight transportation options and sustainable land use to reduce amount of miles traveled by vehicles.
- **Grid Modernization:** modernize the region's utility grid and related policies in order to advance GHG reductions through widespread use of clean energy resources, energy efficiency and innovative technology.
- **ENE-CLEAN Center:** provides powerful database capacity for current economic, environmental and climate data and information to support ENE initiatives and offers new uses of data for analyses, reports, advocacy efforts, public outreach and education.

These five initiatives also correspond to the framework described in [EnergyVision](#), which charts a path to a modern, sustainable, low-carbon economic and environmental future for the region and beyond. With this framework guiding our work, ENE continued efforts to leverage data and analysis capacity, policy development and advocacy expertise to make this vision a reality.

Mapping the Future: ClimateVision/EnergyVision

By using data and analysis resources available through the ENE-CLEAN Center, ENE developed a new award-winning, web-based interactive report, [ClimateVision2020](#), which infuses new vigor into the region's current and future clean energy efforts. ClimateVision found that the northeast states did meet 2010 emissions targets but were not on a clear trajectory to meet 2020 and later goals.

In response to this challenge, ENE developed a realistic, effective plan to meet new GHG reduction targets by building on its 15 years of successful policy advocacy, research and analysis. EnergyVision presents a pathway toward a clean energy future, providing a new framework to guide energy system investment choices and needed reforms. Building on policies and technologies already in place around the region, the report calls for simultaneous action in four primary areas:

Electrifying our homes and vehicles: If all homes and cars switched right now from fossil fuels to electric technologies (like high-efficiency heat pumps and electric cars), GHG emissions in New England would fall by 50% immediately. Businesses and homeowners will benefit from lower energy costs: heat pumps and electric hot water pumps cut fuel needs and costs by 50%. Electric vehicles cost about 5 cents per mile compared to 14 cents per mile for a traditional car, while producing 60% fewer emissions.

Modernizing the power grid: Efficiency investments have already freed up capacity in the regional power grid, saving nearly \$500 million from the delay or cancellation of new transmission; these savings show up on consumers' bills. And the hubs of the new energy web will be at homes and businesses where consumers control energy use, install smart appliances, generate electricity from rooftop solar panels and clean energy sources distributed around the community, plug in cars and much more. The power grid can restructure and decentralize to adapt to these newly available consumer-friendly technologies.

Cleaning the energy supply: Cleaner energy sources from locally-based renewables—made more viable by current and emerging technology—greatly increase the benefits of electrification. Between 2010 and 2012, the cost of solar energy fell by 60%.

Maximizing energy efficiency: Energy efficiency is the lowest cost and cleanest fuel available. Smarter appliances and controls allow home and business owners to take charge of their energy use, and state polices call for huge investments in efficiency upgrades. Six New England states have invested \$3.3 billion in energy efficiency which will save over 124,000 GWh, delivering \$19.5 billion dollars in economic benefits and avoiding 51.3 million metric tons of GHG emissions.

Energy Efficiency

ENE works intensively at the state, regional and national level to design and implement comprehensive reforms to build a cleaner, low-carbon energy system. At the state level, ENE has led the design and implementation of policy reforms that shift utility investments to energy efficiency and clean energy resources. Nearly \$1 billion is now being invested annually in energy efficiency annually in just three states—producing over \$6 billion in consumer and economic benefits. We work to ensure that those benefits reach all consumers. ENE supports and reviews new pilot initiatives and solutions that improve efficiency services for hard-to-reach or hard-to-serve populations. We participate in developing state efficiency programs that include all fuels—electric, natural gas and heating oil—and we advocate stronger enforcement of building energy codes and better information disclosure for homebuyers.

2013 Highlights

A. State Energy Efficiency Programs:

ENE advocated for consistent and expanded investment, greater transparency and data availability and fair and full implementation of state level energy efficiency programs in CT, MA, ME and RI and in Canada. Progress in MA—a national leader in energy efficiency planning—reinforces ENE’s belief that establishing strong efficiency investments and planning programs is critical to sustain the transformation to a cleaner, more sustainable energy system that offers consumer benefits while lowering carbon emissions. Energy efficiency programs are the most cost-effective near-term solution for reducing GHG emissions from the energy sector.

We served as a watchdog for several state energy efficiency implementation efforts and leveraged ENE’s leadership and analysis at the table by belonging to various councils and committees (Energy Efficiency Advisory Committee in MA, Energy Efficiency Resource Management Council in RI, serve as chair on CT Energy Efficiency Board, Demand Side Management Collaborative in RI). ENE participated in an energy efficiency summit in Chicago convened by the Energy Foundation.

Connecticut: At the CT state legislature, ENE participated in energy and RGGI issues writing bill summaries, submitting comments and generating media attention. ENE joined the steering committee of CT Roundtable on Climate and Jobs, a grassroots collaboration between labor and faith-based groups. ENE was a lead player in the effort to substantially increase energy efficiency investments in CT; the successful outcome of this effort was the Department of Energy and Environmental Protection (DEEP) decision to approve a three-year plan to nearly double the annual investment in cost-effective energy efficiency.

We participated in CT’s scoping exercise for its next electric resource plan, the 2014 Integrated Resources Plan; our recommendations included reforms in grid modernization, transmission reliability, energy efficiency, distributed renewables, climate change mitigation, natural gas distribution expansion, advanced heating technologies and developing incentives and infrastructure for electric vehicles. In its written comment on a new CT financing program intended to help accelerate the replacement of inefficient residential furnaces and boilers, ENE recommended modifications that would make the program truly fuel neutral and provide consumers with the objective information they need to make the right heating choice for their circumstances.

Maine: ENE worked with ME advocates and policy leaders to advance cost effective efficiency as a clean, low-cost resource that can help reduce customers’ bills and increase economic growth and energy security. Success was evident when the Maine Public Utility Commission (MPUC) agreed with the Efficiency Maine Trust’s (EMT) proposed Triennial Plan II stating that the state could make a larger investment in energy efficiency and that such investments would work to reduce customer’s bills. ENE put support and effort into advancing Maine’s Omnibus

Energy Bill at the state legislature, which clarified that Maine law requires the funding of all cost-effective energy efficiency; requires consideration of clean, affordable transmission options; and adopts RGGI reforms, which dedicate allowance money to clean and efficient energy programs. ENE staff attended meetings and hearings at the Maine legislature and wrote summaries of the bill and proceedings and op-eds (published in state newspapers).

Massachusetts: ENE played a leadership role as a vocal member of the Energy Efficiency Advisory Council (EEAC) and its Executive Committee, setting guidelines for and selecting consultants to implement and evaluate MA's efforts to meet the ambitious nation-leading goals of the state's 2013-2015 state energy efficiency plan. Efficiency investments are expected to deliver more than \$8.9 billion in benefits over the lifetime of the measurements. As a member of the EEAC, ENE worked with other stakeholder members to support the efficiency procurement process and engaged with administrators, the Attorney General's office and the DPU to provide recommendations and information supporting efficiency investments. ENE also served on the Database Subcommittee formed to establish a statewide energy efficiency database as a tool for tracking programs.

Rhode Island: In varied policy arenas, ENE continued to advocate for consistent and expanded investment, greater transparency and data availability and fair and full implementation of energy efficiency programs in RI. ENE participated in monthly meetings and additional committee activities and serves a role as a state-appointed representative for environmental interests. ENE coordinated with EERMC members and other stakeholders to set the next energy efficiency savings targets. ENE helped to create and pass the 2014 RI Energy Efficiency plan and participated in development of the RI System Reliability Plan.

Canada: From our office in Ottawa, ENE participates in national and provincial energy and climate policy initiatives. The province of Nova Scotia is the Canadian energy efficiency leader and has emerged as an important case study for other provinces seeking to advance efficiency efforts. ENE was involved in stakeholder discussions that established the initial utility Demand Side Management plan and Efficiency Nova Scotia. ENE continues its involvement in the province through sharing best practice information, publishing op-eds on the benefits of green energy use and recently intervening in Nova Scotia Power's 2014 Integrated Resource Plan process. ENE's Canada Program Director was invited to participate in the University of New Brunswick's Andrews Initiative lecture series on Energy and the Environment; ENE's presentation focused on the impacts of energy efficiency and its place in the context of a low-carbon future.

ENE, working with Dunsky Energy Consulting and Economic Development Research Group, started developing a Canada-wide assessment of the macroeconomic impacts from investments in cost-effective energy efficiency. The study was commissioned by Natural Resources Canada and builds on ENE's 2012 study "Energy Efficiency: Engine of Economic Growth in Eastern Canada."

B. Heating Efficiency/Alternative Sources:

Northeast states rely heavily on oil for heat, which is expensive and contributes to GHG emissions. In Maine, ENE presented public comments proposing a heat-pump pilot program. ENE also released a proposal advocating for solutions that reduce oil usage including weatherization, efficient equipment incentives, new technologies such as ductless mini-split heat pumps and cleaner fuels.

In the MA legislature, ENE convened and worked with a coalition of low-income advocates, efficiency providers and oil heat industry members to meet with the Joint Committee on Telecommunications, Utilities, and Energy and to advance a bill for a program and funding mechanism for oil efficiency customers. ENE presented

testimony in support of legislation to create a dedicated oil heat efficiency fund. ENE joined members of the coalition in receiving an award for that advocacy on behalf of consumers.

C. Getting Better Results:

Through its oversight role in both in CT and MA, ENE successfully advocated for investigations into IT-based customer engagement systems. These systems will use customer and market information to provide targeted communications with residential and small business customers, enhancing the ability to serve those customer classes. These systems will bring the level of sophistication used in marketing consumer products to the world of energy efficiency. Programs in some service territories in both states are currently under development and are expected to roll out later this year.

Clean Energy

ENE's Clean Energy initiative promotes policies and planning to reduce GHG from all sectors of energy supply in New England, in particular from electricity generation, transportation fuels and heating and cooling of buildings. ENE served as a leading stakeholder in the Regional Greenhouse Gas Initiative (RGGI) and helped to build support for reforms that significantly strengthened the program and positioned RGGI to expand into new regions or sectors.

2013 Highlights

A. RGGI Reform:

At the culmination of the RGGI Program Review in early 2013, ENE pushed RGGI states to adopt the most ambitious reforms under consideration—a 45% reduction in the regional emissions cap. We rallied diverse advocacy, engaged with policymakers, developed joint input with generators and utilities and earned media including an op-ed in the New York Times. ENE was active around the region as RGGI states went through the process of adopting and implementing program updates: participating in a MA RGGI rulemaking hearing in July; providing official comments in the CT, RI and MA RGGI rulemaking processes; and coordinating actions by advocates in other states. Only two years after beating back attempts to repeal RGGI in both states, ENE won tough victories with passage of bipartisan legislation in ME and NH implementing RGGI improvements.

B. State Legislation:

ENE developed recommendations and testified at the Legislature for use of the RGGI fund for efficiency (including reducing heating energy demand) in ME. In support of state global warming legislation, ENE also helped implement key policies to reduce GHGs from the energy, transportation and land sectors as part of efforts to combat global warming in CT, ME, MA and RI.

C. National Standards:

ENE partnered with utilities and generators to provide input to the Environmental Protection Agency (EPA) calling for national standards for GHG pollution to build on RGGI's successful precedent. ENE spearheaded RGGI-region outreach and advocacy to build support for EPA's forthcoming Carbon Pollution Standards by describing RGGI's role in meeting EPA requirements. In December, ENE participated in a Midwest meeting of climate advocates to discuss EPA carbon regulations compliance options and gave a presentation on RGGI-related options for compliance on a national advocates' webinar. ENE also attended a meeting with Senator Reed and EPA Administrator Gina McCarthy hosted by the Environmental Council of RI and had the opportunity to discuss the potential for RGGI to play a role in how RI and other states meet EPA greenhouse gas emissions standards.

D. Renewable Energy:

ENE supported and advanced policies and resources related to expanding, siting and contracting renewable energy resources. This includes weighing in on cases and legislation related to offshore wind in Maine and issuing recommendations for long-term contracting rules in Massachusetts and Connecticut. In coordination with other members of the E4 group, ENE published a commissioned report on Forecasting Distributed Generation Resources which shows that policies across New England are driving significant installation of small energy sources, especially solar PV.

E. Ontario Greenhouse Gas Reduction Framework:

ENE worked with other organizations to build support for a GHG reduction framework, including carbon pricing, in the province of Ontario. Ontario is a Western Climate Initiative partner and the largest economy in Canada.

F. Cross-Sector Clean Energy Policies:

ENE is an active participant in Climate Action Network Canada, sitting on both its board and Executive Committee. We participated in ongoing strategy planning sessions and met with advocates and provincial and city leadership in Toronto to discuss recommendations and opportunities for energy and climate change policy. In September, ENE attended the annual conference of New England Governors and Eastern Canadian Premiers in Quebec, where the leaders signed six resolutions, some of which related to clean energy and transportation and energy security. Conference topics covered the future of clean energy, climate policy and electric vehicles in the region.

We were appointed to the MA Global Warming Solutions Act (GWSA) Implementation Advisory Committee and in that role we provided recommendations and input on how the state can reach its climate goal. We continue to attend meetings of three different subcommittees. ENE participated in ME Climate Advocates meetings. In June, ENE released a press announcement on the importance of state and regional climate and energy efforts, paralleling President Obama's Climate Change Plan.

Grid Modernization

The region's existing power grid is the result of outdated planning and investment policies that present barriers to achieving a clean energy future. ENE is engaged in promoting and advocating for reforms that will align utility incentives with the region's environmental and consumer objectives for a cleaner, lower-cost energy system. If we continue down the path we're currently on, consumers will pay for billions of dollars of new power lines, pipelines and other infrastructure projects. ENE is developing reform ideas that can put the region on a more sustainable path toward widespread use of energy efficiency and distributed energy resources, more efficient utilization of the grid, new technologies and electric vehicles. In state and regional venues, ENE provided recommendations for modernizing the power grid and reforming the utility business model. On the federal level, ENE played a leadership role in multiple stakeholder groups highlighting the critical role of energy efficiency as an economic driver and greenhouse gas mitigation tool.

ENE participated in a range of forums, including conducting outreach discussions in support of the use of distributed generation and energy efficiency in place of expensive wire transmission and laying out the vision for a decentralized grid to stakeholders across the region.

2013 Highlights

A. Regional Collaboration:

ENE participated in and presented at Restructuring Roundtable meetings in Boston, MA; New England Power Pool (NEPOOL) meetings in RI; and the state's legislative Energy, Utility and Transportation Committee in ME. ENE established a network of more than forty nationwide consumer and business stakeholders and policymakers to encourage regional coordination and circulated monthly updates on noteworthy developments on electric grid issues in New England.

B. Regulatory Reform Opportunities:

ENE was a leading participant in the MA Department of Public Utilities Grid Modernization Steering Committee and the sole environmental advocacy organization participating. The Steering Committee was charged with making recommendations on the regulatory changes needed to achieve a "smarter" electricity grid that is more flexible and resilient, and embraces new technologies. ENE provided recommendations on a range of topics, including filing joint comments on time-varying rates with the National Consumer Law Center and joining a Clean Energy Coalition to propose ideas for regulatory reform. In Maine, we testified in a Central Maine Power rate case and opposed a utility proposal that would create financial barriers to distributed renewable energy.

C. ISO-NE and FERC Policy Reforms:

Engaged at the regional and federal levels, ENE focused on leveling the playing field for energy efficiency and other distributed energy resources that can help us meet our energy infrastructure needs and deliver greater benefits to consumers and the environment. ENE is a member of NEPOOL, which enables us to participate, comment, and vote on decisions that affect consumers. ENE solicited support from numerous consumer, health and business interests on two letters submitted to the regional grid's (ISO-NE) planning committee to discourage planning practices that lead to the construction of unnecessary and costly electric transmission facilities.

In January, along with the National Consumer Law Center (NCLC), ENE filed a complaint to Federal Energy Regulatory Commission (FERC) arguing that New England transmissions owners must reduce the skyrocketing costs of transmission in the New England region. ENE's specific recommendation was that FERC should reduce transmission owners' regulated returns on their investments—which are out of step with current market conditions—in order to save New England ratepayers hundreds of millions of dollars. In August, ENE joined a

second complaint to FERC regarding the view that New England transmission-owning utilities should receive fewer guaranteed profits to help ensure that New England ratepayers receive the full refunds due from a reduced rate of return.

Transportation

The nation's current reliance on a petroleum-fueled transportation system contributes to harmful climate change and air pollution and leaves consumers vulnerable to price shocks from an unstable global energy market. ENE engages in research and policy initiatives to advance electric vehicles (EVs) as a pathway to reduce emissions from the transportation sector. ENE also promotes policies that encourage alternative fuels with lower carbon content than gasoline and diesel. The Clean Fuel Standard (CFS) initiative is focused on designing and advancing a regional policy that limits the carbon content of fuels.

2013 Highlights

A. Advancing the EV Transportation Sector:

Around the region, ENE continued its collaboration with coalitions of advocates, industry and business (including the Transportation Climate Initiative) to advance low-carbon solutions in the transportation sector, especially increasing EV use. In July, ENE participated in the panel "Policy Drivers for Electric Vehicles in RI and New England" at the Take Charge II conference hosted by the University of Rhode Island. In Maine, ENE participated in and tracked the development of a pilot EV program in the mid-coast area. We tracked EV pilots and incentive policies in multiple states. In November, ENE developed a factsheet on Economic and Environmental Benefits of Electric Vehicles in ME and participated in a press conference for the Central Maine Power pilot project, which offered incentives for the use of plug-in hybrid and electric cars. ENE attended two EV project launches and the MA Clean Cities Clean Vehicle Grant announcement in MA.

B. Transportation Analysis:

ENE conducted analyses of the core cost benefits of policies to reduce GHGs in the transportation sector. We analyzed emissions and economic impacts of lower-carbon fuels, including cost effectiveness of EVs and alternatives for transportation fuel. For example, ENE calculated that electric vehicles can currently reduce transportation emissions by over 60% when compared to a traditional internal combustion engine. Operating costs are approximately 64% lower: about 5 cents/mile for an electric vehicle in the Northeast compared to 14 cents/mile for a conventional medium sedan. ENE assessed opportunities for including transportation in a Clean Fuel Standard, RGGI or other market-based programs. ENE assessed the impacts of converting freight to natural gas or other alternative fuels.

C. Electric Vehicles Policy:

ENE participated in the development of transportation action plans in CT, MA and RI and focused its efforts on increasing EV use. In MA, ENE drafted a detailed legislative proposal for expanding and incentivizing use of electric vehicles. We briefed lawmakers and coordinated with industry and advocates to advance this plan. ENE pursued policy reforms to accelerate the adoption of EVs through the Transportation Sector Strategy chapter of CT's first-ever Comprehensive Energy Strategy, as well as through the Department of Energy and Environmental Protection's 2014 Integrated Resources Plan. ENE met with the Governor's office and with senior officials to discuss how the state could further develop its EV policy reform agenda, especially in light of Governor Malloy's commendable decision in October 2013 to commit to developing an action plan for zero-emissions vehicles with seven other states.

D. Clean Fuels Standard (CFS):

ENE continued to work with its coalition partners to advocate for adoption of a CFS in the Northeast and Mid-Atlantic region to demonstrate that an environmentally rigorous regional program can provide political leverage for federal transportation fuels policy. ENE's work with states leading the charge in 2013 focused on raising

awareness, refining policy approaches and maintaining a dialogue with public officials, media and industry on the need to reduce transportation emissions and consumer costs.

ENE-CLEAN Center

ENE's Climate and Energy Analysis (ENE-CLEAN) Center is a comprehensive database of energy consumption and emissions trends. In support of its program initiatives, ENE deploys this information to provide credible information on ways to reduce emissions and develop policies that will spur a cleaner economic future.

2013 Highlights

A. Macroeconomics of Energy Efficiency:

ENE, working with Dunsky Energy Consulting and Economic Development Research Group, assessed the macroeconomic impacts—including GDP and jobs—from investments in cost-effective energy efficiency. We completed these analyses for the Northeast states, Eastern Canada and Canada-wide.

B. Tar Sands Analysis:

In response to increased focus on the import of tar sands-derived crude from Canada into the Northeast, ENE undertook an analysis that demonstrated that cleaner energy alternatives could displace the need for this more carbon-intense oil.

C. Forest Sequestration:

The most recent U.S. Greenhouse Gas Inventory estimates that sequestration from the nation's grasslands, cropland and forests currently offsets 14.9% of our annual GHG emissions. Using data from ENE-CLEAN, staff developed an analysis of sequestration and presented it in multiple venues ranging from state to federal levels in the context of developing rigorous standards for forest offsets and for other policies that protect the carbon benefits of forests.

D. RI Energy Plan Analysis:

ENE completed an intensive analysis for the Office of Energy Resources' Rhode Island State Energy Plan (RISEP) and released the cumulative report *Rhode Island State Energy Plan Business-As-Usual Forecast*. The state of RI worked with ENE and others to gather data, set goals and recommend action regarding near- and long-term plans for managing Rhode Island's energy system.

E. Regional Data Updates and Analysis:

ENE-CLEAN tracks monthly updates of Energy Information Administration (EIA) data and charts on state savings targets and other key issues. In addition, it generates semi-annual updates on the region's efficiency and transportation policy matrix in order for ENE to quantify progress toward goals in each state. This information is important for responding to policy questions or challenges, documenting progress and benefits and forecasting trends.

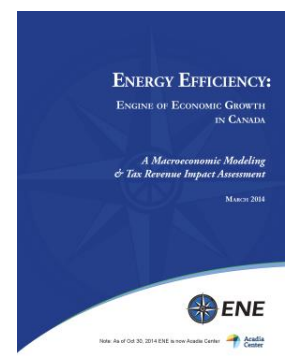
PUBLICATIONS

ClimateVision 2020 offers an up-to-date, comprehensive and user-friendly GHG emissions inventory for the Northeast. This resource takes stock of progress cutting GHG emissions in eight northeastern states, reflecting on regional and state emissions reductions targets. This online resource features 56 charts that are clear illustrations based on the most recent data available. The content includes: Emissions Trends (analysis to-date); Sector Spotlight (close looks at specific sources of emissions); Policy Successes (precedents); and Looking Forward (recommendations). Summary pages provide snapshots for each Northeast state. <http://climatevision.acadiacenter.org/>

EnergyVision sets forth important steps on four interconnected tracks to create an energy system that is safer, cleaner and more affordable and offers the promise of deep reductions in GHG: electrifying new buildings and cars; increasing the use of renewables for electric generation; reforming and de-centralizing the grid for renewables and local resources; and maximizing energy efficiency investments. <http://www.acadiacenter.org/document/energyvision/>

Economic Benefits of RGGI demonstrates that RGGI-funded energy efficiency programs reduce expenditures for fossil fuels imported to generate power and heat our homes, thus making states more competitive while reducing carbon emissions. ENE published these when the allowance budget (the “cap”) was reduced, to show states the potential for the new levels to drive further benefits. <http://acadiacenter.org/document/economic-benefits-of-rggi/>

Energy Efficiency: Engine of Economic Growth in Canada gives policymakers and the public access to detailed analysis of the macroeconomic impact of energy efficiency programs in Canada. ENE’s modeling study shows that the energy savings generated by efficiency programs frees up money for new spending in the residential sector and promotes increased competitiveness and output among businesses and industry. This translates into impressive economic growth and job creation potential. The study was commissioned by Natural Resources Canada. (Final version published 2014) <http://acadiacenter.org/document/energy-efficiency-engine-of-economic-growth-in-canada/>



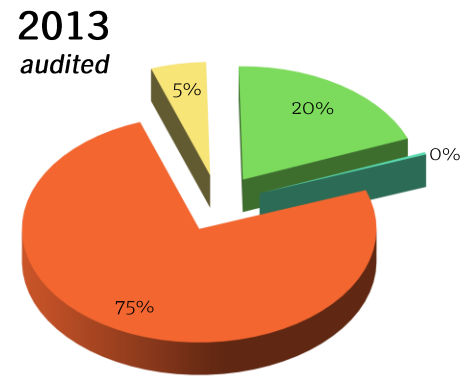
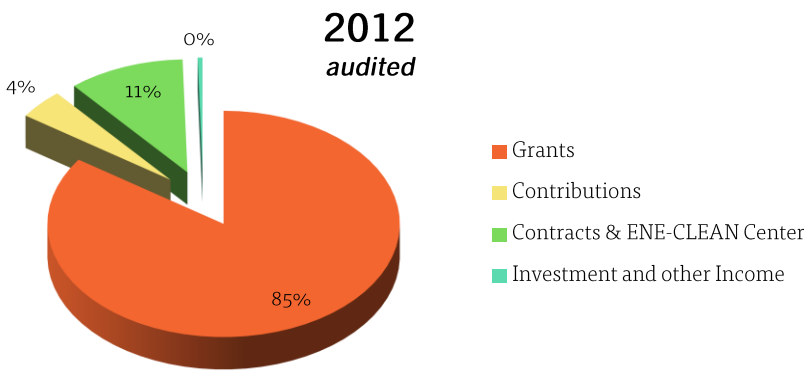
Visit www.acadiacenter.org for more information.

Financial Summary

For Fiscal Years 2012 (audited) and 2013 (audited)

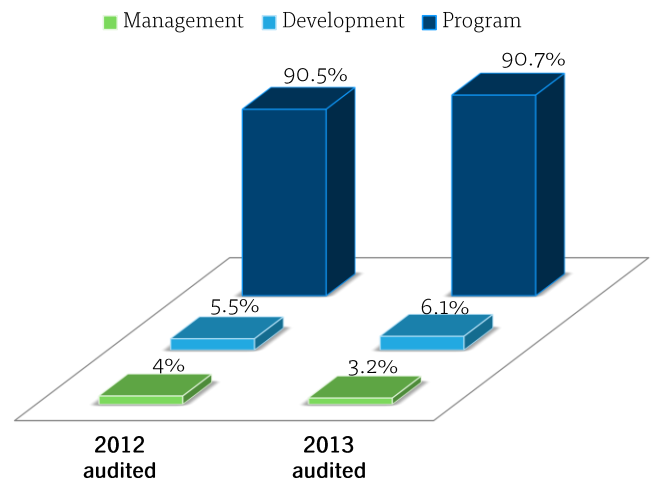
Revenues

Revenue Source	2012 <i>audited</i>	2013 <i>audited</i>
Grants	\$1,462,527	\$1,445,750
Contributions	\$73,520	\$97,289
Contracts & ENE-CLEAN Center	\$184,890	\$374,289
Investment and Other Income	\$7,645	\$6,802
TOTAL REVENUES	\$1,728,582	\$1,924,130



Expenses

Expense Category	2012 <i>audited</i>	2013 <i>audited</i>
Program	\$1,556,629	\$1,674,820
Management	\$69,751	\$52,590
Development	\$94,177	\$114,757
TOTAL EXPENSES	\$1,720,557	\$1,842,167



Net Assets

	2012 <i>audited</i>	2013 <i>audited</i>
Total Assets (at end of year)	\$2,185,811	\$2,290,756
Total Liabilities (at end of year)	\$20,860	\$42,396
Fund Balance	\$2,164,951	\$2,248,360
Increase to Fund Balance from Previous Year	\$8,344	\$83,409

Financial Support

ENE's (now Acadia Center) work is funded through the generosity of individuals and foundations. Each year, we strive to keep our overhead and expenses as low as possible in order to ensure that contributions are used to directly implement programs and achieve our goals. We invite new donors to consider partnering with us in our efforts to combat global warming with solutions that promote clean energy, clean air and healthy forests and we also extend our sincere appreciation to all past supporters. In particular, we would like to acknowledge the following for significant contributions in 2012 & 2013:

- Anonymous
- athenahealth, Inc. employees
- Barr Foundation
- Common Sense Fund
- Emily Hall Tremaine Foundation
- The Energy Foundation
- The Grantham Foundation for the Protection of the Environment
- Horizon Foundation, Inc.
- The John Merck Fund
- Leaves of Grass Fund
- The McCance Foundation Trust
- Merck Family Fund
- New Hampshire Charitable Foundation
- New Venture Fund
- The New York Community Trust
- Oak Foundation
- Overbrook Family Advised Fund
- The Porpoise Fund
- The Prospect Fund
- Rhode Island Foundation
- The Rothstein Foundation, Inc.
- Sharpe Family Foundation / Julie and Henry Sharpe, III



ENE (now Acadia Center) thanks the hundreds of people who support our work each year through payroll contributions in workplace giving campaigns. ENE is a member of EarthShare New England, a federation of New England's most respected environmental and conservation charities. Federal employees can support ENE (now Acadia Center) through the Combined Federal Campaign (CFC) by selecting #33903 on their pledge forms. To learn how you and your workplace colleagues can support ENE through an EarthShare New England charitable giving campaign, please visit www.earthsharenewengland.org.



In 2013, for the eighth year, Charity Navigator awarded ENE (now Acadia Center) a top 4-star rating for our ability to efficiently manage and grow finances. Charity Navigator is America's premier independent charity evaluator. They help charitable givers make intelligent giving decisions by providing in-depth, objective ratings and analysis of the financial health and accountability & transparency of America's largest charities. According to Charity Navigator, ENE "adheres to good governance and other best practices that minimize the chance of unethical activities and consistently executes its mission in a fiscally responsible way...[and] outperforms most other charities in America."