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Acadia Center

Advancing the Clean Energy Future

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NEW ANALYSIS SHOWS NEW ENGLAND AND NEW YORK CAN ACHIEVE A CLEAN ENERGY ECONOMY AND DRAMATICALLY REDUCE CARBON POLLUTION

Acadia Center's EnergyVision 2030 Details How States Can Build on Clean Energy Efforts in Four Key Areas

BOSTON—In a new comprehensive analysis, Acadia Center—a non-profit, research and advocacy organization committed to advancing the clean energy future—demonstrates how seven states in the Northeast can spur use of market-ready technologies that empower consumers, control energy costs and advance economic growth while lowering carbon pollution.

Using detailed market data, <u>EnergyVision 2030: Transitioning to a Low-Emissions Energy System</u> shows that efforts by New York and New England to modernize their energy systems and expand clean energy resources are paying off—and by redoubling these efforts, Northeast states will be on the path to a low-carbon economic future and reduce carbon pollution emissions 45% by 2030.

"It's never been clearer that state leadership is needed to capture the benefits of a clean energy future for residents," noted Daniel Sosland, president of Acadia Center. "EnergyVision 2030 offers good news: Northeast states are in a position to create a truly modern, clean energy future and provide the economic, consumer and public health benefits associated with a clean energy system," said Sosland. "The Northeast can exert national leadership in how to reduce pollution, advance consumer options and reinvest energy dollars in the local economy."

Energy Vision 2030 shows that readily available products, from heat pumps to electric cars to solar panels, create the means for states to advance a consumer-friendly energy system by increasing adoption of clean energy technologies in four key areas—grid modernization, electric generation, buildings and transportation. In many cases, states already have the policy tools they need to increase adoption of these technologies; they must simply improve and accelerate existing mechanisms to achieve the goals set in *EnergyVision 2030*.

"EnergyVision 2030 presents a practical, "can-do" way forward. It is one of many paths states can choose to take, and provides a vision that states can follow with achievable changes in policy and regulation to secure their place as clean energy leaders," said Jamie Howland, Director of Acadia's Climate and Energy Analysis (CLEAN) Center.

EnergyVision 2030 describes exactly how much of each technology needs to be used to shift the energy system. States can support development of renewables by updating their renewable energy requirements to reflect the increased potential and competitive position of clean energy. For example, electric vehicles can grow from present levels to 17% of cars on the road, an average of 41% growth per year—a level certain states are already demonstrating is feasible, like Massachusetts, where electric vehicle sales grew 40% annually from 2014 to 2016.

Energy Vision 2030 can be viewed as an interactive website and in printable formats covering each key area of the energy system and focusing on goals for New York and New England separately and as a region. Access the website at 2030.acadiacenter.org. Acadia Center will hold a 15-minute press briefing webinar today, May 9, at 11am in which we will present a summary of the report and give additional time to respond to questions. To sign up for the press briefing click here.

Photos and visuals related to the study can be accessed here.

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 provides accurate and reliable information and offers a real-world and comprehensive approach to problem solving through innovation and collaboration.