

Elizabeth A. Stanton, Ph.D., Executive Director and Senior Economist

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PROFESSIONAL EXPERIENCE

Applied Economics Clinic, Arlington, MA. *Executive Director and Senior Economist*, February 2017 – Present.

The Applied Economics Clinic provides technical expertise to public service organizations working on topics related to the environment, consumer rights, the energy sector, and community equity. Dr. Stanton is the Founder and Director of the Clinic (www.aeclinic.org).

Liz Stanton Consulting, Arlington, MA. *Independent Consultant*, August 2016 – January 2017.

Providing consulting services on the economics of energy, environment and equity.

Synapse Energy Economics Inc., Cambridge, MA. *Principal Economist*, 2012 – 2016.

Consulted on issues of energy economics, environmental impacts, climate change policy, and environmental externalities valuation.

Stockholm Environment Institute - U.S. Center, Somerville, MA. *Senior Economist*, 2010–2012; *Economist*, 2008 – 2009.

Wrote extensively for academic, policy, and general audiences, and directed studies for a wide range of government agencies, international organizations, and nonprofit groups.

Global Development and Environment Institute, Tufts University, Medford, MA. *Researcher*, 2006–2007.

Political Economy Research Institute, University of Massachusetts-Amherst, Amherst, MA. *Editor and Researcher – Natural Assets Project*, 2002 – 2005.

Center for Popular Economics, University of Massachusetts-Amherst, Amherst, MA. *Program Director*, 2001 – 2003.

EDUCATION

University of Massachusetts-Amherst, Amherst, MA

Doctor of Philosophy in Economics, 2007

New Mexico State University, Las Cruces, NM

Master of Arts in Economics, 2000

School for International Training, Brattleboro, VT

Bachelor of International Studies, 1994

AFFILIATIONS

Global Development and Environment Institute, Tufts University, Medford, MA.

Senior Fellow, Visiting Scholar, 2007 – 2020

PAPERS AND REPORTS

J.R. Castigliero, E. Selgia, E.A. Stanton. 2023. *Space Heating with Heat Pumps: The Need for Alternative Rate Designs in Massachusetts*. Applied Economics Clinic. Prepared on behalf of Green Energy Consumers Alliance (GECA). [\[Online\]](#)

E.A. Stanton. 2023. *Testimony on OVEC Power Plants Subsidies and Ohio Consumer Charges*. Applied Economics Clinic. Prepared on behalf of Office of the Ohio Consumers' Counsel. [\[Online\]](#)

Lala, C., E.A. Stanton, J.R. Castigliero, J. Bonner, S. Patel, S. Peddada, E. Tavares, A. Zhang, M. Majumder, D. Jiang, J. Burt; R. Bueno and K. Hewitt. 2023. *Puerto Rico's 2019 and 2021 Greenhouse Gas Inventories Report*. Applied Economics Clinic. Prepared on behalf of Puerto Rico Department of Natural and Environmental Resources. [\[Online\]](#)

Lala, C., E. Selgia, and E.A. Stanton. 2023. *Assessing TVA's IRP Planning Practices*. Applied Economics Clinic. Prepared on behalf of Southern Environmental Law Center. [\[Online\]](#)

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Lala, C., J.R. Castigliero, S. Peddada, and E.A. Stanton. 2023. *Carbon Capture, Utilization, and Storage and Louisiana's Power Sector*. Applied Economics Clinic. Prepared on behalf of Union of Concerned Scientists (UCS) and Louisiana Against False Solutions Coalition. [\[Online\]](#)

Burt, J., T. Stasio, S. Peddada, E. Selgia and E.A. Stanton, 2023. *Impact of Refinery Row on the City of Corpus Christi*. Applied Economics Clinic. Prepared on behalf of the Indigenous Peoples of the Coastal Bend. [\[Online\]](#)

Woods, B., S. Peddada, J. Bonner, and E.A. Stanton, 2023. *Comparing Connecticut's Electric Vehicle Charging Program with Others from around the United States*. Applied Economics Clinic. Prepared on behalf of Connecticut Office of Consumer Counsel. [\[Online\]](#)

Stasio, T., S. Peddada, E. Selgia, and E.A. Stanton. 2023. *Electric Justice: A Toolkit for the mid-Atlantic Region*. Applied Economics Clinic. Prepared on behalf of PJM Cities and Communities Coalition. [\[Online\]](#)

Burt, J., T. Stasio, S. Peddada, E. Selgia, and E.A. Stanton. 2022. *Cumulative Impact Assessment of the North Brooklyn Pipeline Project*. Applied Economics Clinic. Prepared on behalf of Sane Energy and Alliance for Green Economy. [\[Online\]](#)

Lala, C., B. Woods, S. Peddada, G. Lewis, T. Rakotoarisoa, E. Selgia, E.A. Stanton, and E. Tavares 2022. *Energy Storage Benefit-Cost Analysis*. Applied Economics Clinic. Prepared on behalf of Clean Energy State Alliance. [\[Online\]](#)

Stasio, T., E. Selgia, and E.A. Stanton. 2022. *Boston Tree Equity Analysis*. Applied Economics Clinic. Prepared for GreenRoots and Speak for the Trees. Available at: [\[Online\]](#)

Stanton, E.A., J. Castigliero, M. Majumder, E. Tavares, and S. Peddada, 2022. *Expert Memo: Review of Memphis Light, Gas, and Water RFP Update and Staff Power Supply*. Applied Economics Clinic. Prepared for the Southern Environmental Law Center. [\[Online\]](#)

Castigliero, J.R., C. Lala, and E.A. Stanton. 2022. *Net Emissions Savings Benefit for a Battery Storage Facility in Wendell Massachusetts*. Applied Economics Clinic. AEC-2021-11-WP-01. [\[Online\]](#)



- Woods, B., J.R. Castigliero, E. Seliga, S. Peddada, T. Stasio, and E.A. Stanton. 2022. *Barriers and Opportunities for Green Jobs in New Jersey*. Applied Economics Clinic. [\[Online\]](#)
- Castigliero, J.R., S. Alisalad, S. Peddada, and E.A. Stanton. 2022. *Economic Impacts of a Clean Energy Transition in New Jersey*. Applied Economics Clinic. [\[Online\]](#)
- Stasio, T., J.R. Castigliero, C. Lala, and E.A. Stanton. 2022. *Risk Assessment of Florida Power and Light and NextEra Energy Clean Energy Transition Plans*. Applied Economics Clinic. Prepared for Environmental Defense Fund. [\[Online\]](#)
- Stasio, T., J. R. Castigliero, S. Alisalad, and E. A. Stanton. 2022. *Decarbonizing Building Heat in Massachusetts*. Applied Economics Clinic. Prepared for Home Energy Efficiency Team. [\[Online\]](#)
- Woods, B., S. Alisalad, E. Tavares, M. Majumder, and E. Stanton. 2021. *Equity Measurement and Targeting Underserved Communities in Massachusetts' 2022-2024 Energy Efficiency Plan*. Applied Economics Clinic. Prepared for Green Justice Coalition. [\[Online\]](#)
- Stasio, T., B. Woods, J.R. Castigliero, and E. Stanton. 2021. *Equity Assessment of Electrification Incentives in the District of Columbia*. Applied Economics Clinic. Prepared for The Office of the People's Counsel for the District of Columbia. [\[Online\]](#)
- Castigliero, J.R., E. Stanton, S. Alisalad, and E. Tavares. 2021. *Energy Storage for Winter Grid Reliability: How Batteries Became a Low-Cost Solution for Power Assurance in Massachusetts*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)
- Stanton, E., G. Lewis, and C. Lala. 2021. *An Analysis of EPA's Proposed Revised 2023 and later Model Year Light-Duty Vehicle Greenhouse Gas Emissions Standards*. Applied Economics Clinic. Prepared for the Office of the California Attorney General. [\[Online\]](#)
- Castigliero, J.R., C. Lala, and E.A. Stanton. 2021. *Net Emission Savings Benefit for a Battery Storage Facility in Wendell, Massachusetts*. Applied Economics Clinic. Prepared for Borrego. [\[Online\]](#)
- Castigliero, J.R., E.A. Stanton, S. Alisalad, T. Stasio, and E. Tavares. 2021. *PJM's Capacity Market: Clearing Prices, Power Plants, and Environmental Justice*. Applied Economics Clinic. [\[Online\]](#)
- Stanton, E.A., G. Lewis, and C. Lala. 2021. *An Analysis of NHSTA's Preliminary Regulatory Impact Analysis of 2021 Proposed Rulemaking for Model Years 2024-2026 Light-Duty Vehicle CAFE Standards*. Applied Economics Clinic. Prepared for the Office of the California Attorney General and the California Air Resource Board. [\[Online\]](#)
- Woods, B., E.A. Stanton, and S. Alisalad. 2021. *Recommendations for Cities and States to Improve Equity Evaluation and Reporting in Energy Efficiency Programming*. Applied Economics Clinic. Prepared for American Council for an Energy-Efficient Economy. [\[Online\]](#)
- Woods, B., E.A. Stanton, E. Tavares, and S. Alisalad. 2021. *ConnectedSolutions: A Program Assessment for Massachusetts*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)
- Woods, B., and E.A. Stanton. 2021. *Comments on Astoria Gas Turbine Power LLC's Proposed Gas-Fired Combustion Turbines*. Applied Economics Clinic. Prepared for New York Lawyers for the Public Interest and Earthjustice. [\[Online\]](#)
- Castigliero, J.R., C. Lala, E. Tavares, and E.A. Stanton. 2021. *Estimating the Net Change in Carbon Dioxide Emissions for Solar Projects in Massachusetts*. Applied Economics Clinic.

Prepared for Borrego. [\[Online\]](#)

Castigliero, J.R., T. Stasio, S. Alisalad, and E.A. Stanton. 2021. *Assessment of Backup Diesel Generators in Massachusetts*. Applied Economics Clinic. Prepared for Bloom Energy. [\[Online\]](#)

Castigliero, J.R., T. Stasio, S. Alisalad, and E.A. Stanton. 2021. *Assessment of Backup Diesel Generators in New York City*. Applied Economics Clinic. Prepared for Bloom Energy. [\[Online\]](#)

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Stanton, E.A., T. Stasio, and C. Lala. 2021. *Comments on 2021 Guidance Towards Updating the U.S. Social Cost of Greenhouse Gases*. Applied Economics Clinic. Prepared for Friends of the Earth. [\[Online\]](#)

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Stanton, E.A. 2019. *Update to Pennsylvania Long-Term Renewables Contracts Benefits and Costs*. Applied Economics Clinic. Prepared for Mid-Atlantic Renewable Energy Coalition (MAREC). [\[Online\]](#)

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Woods, B., E.A. Stanton, and R. Lopez. 2019. *Performance-Based Incentives for Gas Utilities*. Applied Economics Clinic. Prepared for Gas Leak Allies. [\[Online\]](#)



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- Stanton, E.A. 2019. *Updated Massachusetts Battery Storage Measures: Benefits and Costs*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)
- Comings, T., B. Woods, E.A. Stanton, and E. Tavares. 2019. *Duke Energy Integrated Resource Plans in North Carolina*. Applied Economics Clinic. Prepared for Southern Environmental Law Center. [\[Online\]](#)
- Stanton, E.A., B. Woods, A. Sommer, and C. Hotaling. 2019. *Evaluation of Northern Indiana Public Service Company's 2018 Integrated Resource Plan*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)
- Stanton, E.A., R. Lopez, and B. Woods. 2018. *Review of Proposed CAFE and CO₂ Standards*. Applied Economics Clinic. Prepared for California Attorney General Office and California Air Resources Board. [\[Online\]](#)
- Stanton, E.A., R. Lopez, B. Woods, T. Stasio, and A. Sommer. 2018. *Report on Indiana's 2018 Draft Statewide Analysis of Future Resource Requirements of Electricity*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)
- Stanton, E.A. 2018. *Massachusetts Battery Storage Measures: Benefits and Costs*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)
- Stanton, E.A. 2018. *Review of Massachusetts Efficiency Program Administrator's April 2018 Draft 2019-2021 Energy Efficiency Plan*. Applied Economics Clinic. Prepared for Conservation Law Foundation. [\[Online\]](#)
- Stanton, E.A., and T. Comings. 2018. *Massachusetts Clean Energy Bill Provisions Boost Jobs*. Applied Economics Clinic. Prepared for Barr Foundation. [\[Online\]](#)
- Stanton, E.A., T. Comings, R. Wilson, S. Alisalad, E.N Marzan, C. Schlegel, B. Woods, J. Gifford, E. Snook, and P. Yuen. 2018. *An Analysis of the Massachusetts 2018 'Act to Promote a Clean Energy Future' Report*. Applied Economics Clinic. Prepared for Barr Foundation. [\[Online\]](#)
- Woods, B., C. Schlegel, and E.A. Stanton. 2018. *Massachusetts' Clean Energy Policy Overview*. Applied Economics Clinic. Prepared for Barr Foundation. [\[Online\]](#)
- Comings, T., E.A. Stanton, and B. Woods. 2018. *The ABCs of Boston CCE*. Applied Economics Clinic. Prepared for Barr Foundation. [\[Online\]](#)
- Stanton, E.A., E.N. Marzan, and S. Alisalad. 2018. *Assessing Energy Efficiency in Massachusetts*. Applied Economics Clinic. Prepared for Conservation Law Foundation. [\[Online\]](#)
- Stanton, E.A., R. Wilson, and B. Woods. 2018. *Missed Opportunities for Energy Efficiency in Virginia*. Applied Economics Clinic. Prepared for the Consumers Union. [\[Online\]](#)
- Stanton, E.A., T. Comings, and A. Sommer. 2018. *The Husker Energy Plan: A New Energy Plan for Nebraska*. Applied Economics Clinic. Prepared for the Nebraska Wildlife Foundation. [\[Online\]](#)
- Stanton, E.A., A. Sommer, T. Comings, and R. Wilson. 2017. *Benefits of Long-Term Renewable Contracts for Pennsylvania*. Applied Economics Clinic. Prepared for Mid-Atlantic Renewable Energy Coalition (MAREC). [\[Online\]](#)



Stanton, E.A., A. Sommer, T. Comings, and R. Wilson. 2017. *Pennsylvania Long-Term Renewables Contracts Benefits and Costs*. Applied Economics Clinic. Prepared for Mid-Atlantic Renewable Energy Coalition (MAREC). [\[Online\]](#)

Comings, T., E.A. Stanton, and B. Woods. 2017. *An Analysis of Community Choice Energy for Boston*. Applied Economics Clinic. Prepared for Barr Foundation. [\[Online\]](#)

Wilson, R., T. Comings, and E.A. Stanton. 2017. *Ratepayer Impacts of ConEd's 20-Year Shipping Agreement on the Mountain Valley Pipeline*. Applied Economics Clinic. Prepared for the Environmental Defense Fund. [\[Online\]](#)

Sommer, A. and E.A. Stanton. 2017. *Report on Vectren 2016 IRP*. Applied Economics Clinic. Prepared on behalf of Earthjustice, Indiana Distributed Energy Alliance, Sierra Club, and Valley Watch. Submitted to the Indiana Utility Regulatory Commission. [\[Online\]](#)

Sommer, A. and E.A. Stanton. 2017. *Report on Indiana Power & Light 2016 IRP*. Applied Economics Clinic. Prepared on behalf of Earthjustice, Indiana Distributed Energy Alliance, Sierra Club, and Valley Watch. Submitted to the Indiana Utility Regulatory Commission. [\[Online\]](#)

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Knight, P. and E.A. Stanton. 2016. *"Sorting Out New England's Pipeline Needs: A Round Up of Recent Studies and What They Mean"*. Synapse Energy Economics White Paper. [\[Online\]](#)

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- Wilson, R., T. Comings, and E.A. Stanton. 2015. *Analysis of the Tongue River Railroad Draft Environmental Impact Statement*. Prepared by Synapse Energy Economics for Sierra Club and Earthjustice. [\[Online\]](#)
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