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

1012 Massachusetts Avenue, Arlington MA 02476 ✉ liz.stanton@aeclinic.org ✉ 781-819-3232

PROFESSIONAL EXPERIENCE

Applied Economics Clinic, Somerville, MA. *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 – Present

PAPERS AND REPORTS

Stanton, E.A. and Eliandro Tavares. 2019. *An Analysis of the Need for the Atlantic Coast Pipeline Extension to Hampton Roads, Virginia*. Applied Economics Clinic. Prepared for Mothers Out Front. [\[Online\]](#)

Stanton, E.A. and Eliandro Tavares. 2019. *Analysis of the Mountain Valley Pipeline Southgate Project*. Applied Economics Clinic. Prepared for Appalachian Voices. [\[Online\]](#)

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 E. Tavares. 2019. *Fixing Massachusetts' Gas Leaks Pays for Itself*. Applied Economics Clinic. Prepared for Gas Leak Allies. [\[Online\]](#)

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Woods, B. and E.A. Stanton. 2019. *Massachusetts Non-Energy Benefits of Battery Storage*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)

Stanton, E.A. 2019. *Updated Massachusetts Battery Storage Measures: Benefits and Costs*. Applied Economics Clinic. Prepared for Clean Energy Group. [\[Online\]](#)

Stanton, E.A. 2019. *Testimony on NISPCO's Petition for Approval of Roaming Bison Wind Farm PPA*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)

Stanton, E.A. 2019. *Testimony on NIPSCO's Petition for Approval of Jordan Creek Wind Farm PPA*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)

Stanton, E.A. 2019. *Testimony in NIPSCO's 2019 Rate Case*. Applied Economics Clinic. Prepared for Citizens Action Coalition of Indiana. [\[Online\]](#)

Comings, T., E.A. Stanton, and E. Tavares. 2019. *Comments on Xcel Energy Minnesota's 2018 Mankato Proposal*. Applied Economics Clinic. Prepared for Sierra Club. [\[Online\]](#)

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. 2018. *Testimony Regarding the Joint Statewide Three-Year Energy Efficiency Plan for Massachusetts, 2019-2021*. Applied Economics Clinic. Prepared for Conservation Law Foundation. [\[Online\]](#)

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 Comprehensive Energy Plan: Comments on Stakeholder Meeting Presentation*. Applied Economics Clinic. Prepared for Conservation Law Foundation. [\[Online\]](#)

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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. [\[Online\]](#)

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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. [\[Online\]](#)

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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. [\[Online\]](#)

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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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Stanton, E.A., P. Knight, P. Luckow, A. Allison, T. Vitolo, J. Barnes, B. Inskeep, and C. Barnes. 2016. *Envisioning Pennsylvania's Energy Future: Powering the Commonwealth's Energy Needs with 100 Percent Renewables by 2050*. Prepared by Synapse Energy Economics and EQ Research for Delaware Riverkeeper Network. [\[Online\]](#)

Wilson, R., S., Fields, P. Knight, E. McGee, W. Ong, N. Santen, T. Vitolo, and E.A. Stanton. 2016. *Are the Atlantic Coast Pipeline and the Mountain Valley Pipeline Necessary?* Prepared by Synapse Energy Economics for Southern Environmental Law Center and Appalachian Mountain Advocates. [\[Online\]](#)

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. [\[Online\]](#)

Stanton, E.A., P. Knight, A. Allison, T. Comings, A. Horowitz, W. Ong, N. R. Santen, and K. Takahashi. 2016. *The RGGI Opportunity 2.0: RGGI as the Electric Sector Compliance Tool to Achieve 2030 State Climate Targets*. Prepared by Synapse Energy Economics for Sierra Club, Pace Energy and Climate Center, and Chesapeake Climate Action Network. [\[Online\]](#)



Jackson, S., P. Luckow, E.A. Stanton, A. Horowitz, P. Peterson, T. Comings, J. Daniel, and T. Vitolo. 2016. *Reimagining Brayton Point: A Guide to Assessing Reuse Options for the Somerset Community*. Prepared by Synapse Energy Economics for Coalition for Clean Air South Coast, Clean Water Action, and Toxics Action Center. [\[Online\]](#)

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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. [\[Online\]](#)

Knight, P., S. Fields, S. Jackson, W. Ong, N. R. Santen, B. Biewald, and E.A. Stanton. 2015. *Multi-State Compliance with the Clean Power Plan in CP3T*. Prepared by Synapse Energy Economics for the National Association of State Utility Consumer Advocates. [\[Online\]](#)

Vitolo, T., P. Luckow, S. Fields, P. Knight, B. Biewald, and E.A. Stanton. 2015. *Lower Electric Costs in a Low- Emission Future*. Prepared by Synapse Energy Economics for The Energy Foundation. [\[Online\]](#)

Stanton, E. A., T. Comings, S. Jackson, and E. Karaca. 2015. *Atlantic Coast Pipeline Benefits Review*. Prepared by Synapse Energy Economics for Southern Environmental Law Center. [\[Online\]](#)

Wilson, R., M. Whited, S. Jackson, B. Biewald, and E.A. Stanton. 2015. *Best Practices in Planning for Clean Power Plan Compliance*. Prepared by Synapse Energy Economics for the National Association of State Utility Consumer Advocates. [\[Online\]](#)

Fields, S., S. Jackson, P. Knight, and E.A. Stanton. 2015. *Internal briefing on Clean Power Plan compliance in Ohio*. Prepared by Synapse Energy Economics for Office of the Ohio Consumers' Counsel. [\[Online\]](#)



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Knight, P., A. Allison, E.A. Stanton. 2015. *Preliminary Clean Power Plan Analysis for Kentucky*. Prepared by Synapse Energy Economics for Kentuckians for the Commonwealth. [\[Online\]](#)

Stanton, E. A., P. Knight, J. Daniel, B. Fagan, D. Hurley, J. Kallay, E. Karaca, G. Keith, E. Malone, W. Ong, P. Peterson, L. Silvestrini, K. Takahashi, and R. Wilson. 2015. *Massachusetts Low Gas Demand Analysis: Final Report*. Prepared by Synapse Energy Economics for the Massachusetts Department of Energy Resources. [\[Online\]](#)

Fields, S., E.A. Stanton, P. Knight, B. Biewald, J. Daniel, S. Jackson, E. Karaca, J. Rosenkranz, and K. Takahashi. 2014. *Calculating Alabama's 111(d) Target*. Prepared by Synapse Energy Economics for the Southern Environmental Law Center. [\[Online\]](#)

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Stanton, E. A., S. Jackson, B. Biewald, and M. Whited. 2014. *Final Report: Implications of EPA's Proposed "Clean Power Plan."* Prepared by Synapse Energy Economics for the National Association of State Utility Consumer Advocates. [\[Online\]](#)

Stanton, E. A., J. Daniel, T. Vitolo, P. Knight, D. White, and G. Keith. 2014. *Net Metering in Mississippi: Costs, Benefits, and Policy Considerations*. Prepared by Synapse Energy Economics for the Public Service Commission of Mississippi. [\[Online\]](#)

Knight, P., E.A. Stanton, B. Biewald, J. Daniels, S. Fields, S. Jackson, A. Napoleon, J. Rosenkranz, and K. Takahashi. 2014. *Internal briefing on Clean Power Plan implementation in Virginia*. Prepared by Synapse Energy Economics for Sierra Club. [\[Online\]](#)

Jackson, S. and E.A. Stanton. 2014. *Internal briefing on Clean Power Plan implementation in Minnesota*. Prepared by Synapse Energy Economics for Sierra Club. [\[Online\]](#)

Knight, P., E.A. Stanton, B. Biewald, J. Daniels, S. Fields, S. Jackson, A. Napoleon, J. Rosenkranz, and K. Takahashi. 2014. *Internal briefing on Clean Power Plan implementation in Florida*. Prepared by Synapse Energy Economics for Sierra Club. [\[Online\]](#)

E.A. Stanton, S. Jackson, B. Biewald, M. Chang, J. Daniels, S. Fields, P. Knight, A. Napoleon, M. Whited, and K. Takahashi. 2014. *Internal briefing on Clean Power Plan implementation in Arizona, Montana, Nevada, and Utah*. Prepared by Synapse Energy Economics for Sierra Club. [\[Online\]](#)

E.A. Stanton, S. Jackson, B. Biewald, M. Chang, J. Daniels, S. Fields, P. Knight, A. Napoleon, and K. Takahashi. 2014. *Internal briefing on Clean Power Plan implementation Illinois*. Prepared by Synapse Energy Economics for Sierra Club. [\[Online\]](#)

Luckow, P., E.A. Stanton, B. Biewald, S. Fields, S. Jackson, J. Fisher, and F. Ackerman. 2014. *CO₂ Price Report, Spring 2014: Includes 2013 CO₂ Price Forecast*. Synapse Energy Economics White Paper. [\[Online\]](#)

Fisher, J., P. Knight, E.A. Stanton, and B. Biewald. 2014. *Avoided Emissions and Generation Tool (AVERT): User Manual. Version 1.0*. Prepared by Synapse Energy Economics for the U.S. Environmental Protection Agency. [\[Online\]](#)

Stanton, E. A., M. Whited, and F. Ackerman. 2014. *Estimating the Cost of Saved Energy in Utility Efficiency Programs*. Prepared by Synapse Energy Economics for the U.S. Environmental Protection Agency. [\[Online\]](#)

Stanton, E. A., F. Ackerman, and J. Daniel. 2013. *Comments on the 2013 Technical Update of the Social Cost of Carbon*. Prepared by Synapse Energy Economics for the Environment, Economics and Society Institute. [\[Online\]](#)

Luckow, P., E.A. Stanton, B. Biewald, J. Fisher, F. Ackerman, and E. Hausman. 2013. *2013 Carbon Dioxide Price Forecast*. Synapse Energy Economics White Paper. [\[Online\]](#)

Stanton, E. A., S. Jackson, G. Keith, E. Malone, D. White, and T. Woolf. 2013. *A Clean Energy Standard for Massachusetts*. Prepared by Synapse Energy Economics for the Massachusetts Clean Energy Center and the Massachusetts Departments of Energy Resources, Environmental Protection, and Public Utilities. [\[Online\]](#)

Knight, P., E.A. Stanton, J. Fisher, and B. Biewald. 2013. *Forecasting Coal Unit Competitiveness: Coal Retirement Assessment Using Synapse's Coal Asset Valuation Tool (CAVT)*. Prepared by Synapse Energy Economics for Energy Foundation. [\[Online\]](#)

Hornby, R., P. Chernick, D. White, J. Rosenkranz, R. Denhardt, E. Stanton, J. Glifford, B. Grace, M. Chang, P. Luckow, T. Vitolo, P. Knight, B. Griffiths, and B. Biewald. 2013. *Avoided Energy Supply Costs in New England: 2013 Report*. Prepared by Synapse Energy Economics for the Avoided-Energy-Supply-Component (AESC) Study Group. [\[Online\]](#)

Stanton, E. A., T. Comings, K. Takahashi, P. Knight, T. Vitolo, and E. Hausman. 2013. *Economic Impacts of the NRDC Carbon Standard*. Prepared by Synapse Energy Economics for the Natural Resources Defense Council. [\[Online\]](#)

Stanton, E.A. 2013. Background research, consulting and support related to the Danish Energy Agency, Organisation for Economic Co-operation, and the UNEP Riso Centre's "National Greenhouse Gas Emissions Baseline Scenarios: Learning from Experiences in Developing Countries." [\[Online\]](#)

Whited, M., D. White, S. Jackson, P. Knight, and E.A. Stanton. 2013. *Declining Markets for Montana Coal*. Prepared by Synapse Energy Economics for Northern Plains Resource Council. [\[Online\]](#)

Stanton, E. A. and F. Ackerman. 2013. *Climate Impacts on Agriculture: A Challenge to Complacency?* Global Development and Environment Institute Working Paper 13-01. [\[Online\]](#)

Stanton, E. A., F. Ackerman, T. Comings, P. Knight, T. Vitolo, and E. Hausman. 2013. *Will LNG Exports Benefit the United States Economy?* Prepared by Synapse Energy Economics for the Sierra Club. [\[Online\]](#)

Ackerman, F., T. Vitolo, E. Stanton, and G. Keith. 2013. *Not-so-smart ALEC: Inside the attacks on renewable energy.* Prepared by Synapse Energy Economics for the Civil Society Institute. [\[Online\]](#)

Ackerman, F., E.A. Stanton, and R. Bueno. 2012. *Climate Policy and Development: An Economic Analysis.* Economics for Equity and the Environment (E3 Network) Working Paper. [\[Online\]](#)

Stanton, E. A. and M. Taylor. 2012. *A Good Environment for Jobs.* Economics for Equity and the Environment (E3 Network) Working Paper. [\[Online\]](#)

Stanton, E. A., F. Ackerman, and R. Bueno. 2012. *Reason, Empathy, and Fair Play: The Climate Policy Gap.* UNDESA Working Paper No.113. [\[Online\]](#)

Erickson, P., M. Lazarus, E.A. Stanton, C. Chandler, R. Bueno, F. Ackerman, C. Munitz, and J. Cegan. 2012. *Greenhouse Gas Emissions in King County: An Updated Geographic-plus Inventory, a Consumption-based Inventory, and an Ongoing Tracking Framework.* Prepared by Stockholm Environment Institute-U.S. Center for King County, Washington. [\[Online\]](#)

Stanton, E. A., R. Bueno, J. Cegan, and C. Munitz. 2011. *King County Community Greenhouse Gas Emissions Inventory – Consumption Methodology: Technical Report.* Prepared by Stockholm Environment Institute-U.S. Center for King County, Washington. [\[Online\]](#)

Stanton, E. A., J. Cegan, R. Bueno, and F. Ackerman. 2012. *Estimating Regions' Relative Vulnerability to Climate Damages in the CRED Model.* Stockholm Environment Institute-U.S. Center Working Paper WP-US-1103. [\[Online\]](#)

Stanton, E.A. 2012. *Development without Carbon as Climate Policy.* Economics for Equity and the Environment (E3 Network) Working Paper. [\[Online\]](#)

Ackerman, F., E.A. Stanton, and R. Bueno. 2012. *Epstein-Zin utility in DICE: Is risk aversion irrelevant to climate policy?* Economics for Equity and the Environment (E3 Network) Working Paper. [\[Online\]](#)

Stanton, E. A., R. Bueno, and M. Davis. 2011. *Real People, Real Impacts: The Climate Impact Equity Lens.* Stockholm Environment Institute-U.S. Center Report. [\[Online\]](#)

Stanton, E. A. and R. Bueno. 2011. *The CIEL Backgrounder: Understanding the Climate Impact Equity Lens.* Stockholm Environment Institute-U.S. Center Report. [\[Online\]](#)

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TEACHING EXPERIENCE

Tufts University, Medford, MA

Adjunct Professor, Department of Urban Environmental Policy and Planning, 2007, 2017, 2018

College of New Rochelle, New Rochelle, NY

Assistant Professor, Department of Social Sciences, 2007 – 2008

Fitchburg State College, Fitchburg, MA

Adjunct Professor, Social Sciences Department, 2006

University of Massachusetts-Amherst, Amherst, MA

Adjunct Professor, Department of Economics, 2003 – 2006

Castleton State College and the Southeast Vermont Community Learning Collaborative, Dummerston, VT

Adjunct Professor, 2005

School for International Training, Brattleboro, VT

Adjunct Professor, *Program in Intercultural Management, Leadership, and Service*, 2004

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