**Kenneth A. Sercy**

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**Summary**

Kenneth has a graduate degree and ten years of experience in power systems economics, utility regulation, energy policy, and energy markets research. He has built, setup, run, and interpreted numerous quantitative models of power systems, customer rate impacts, and generating facilities. He has supported work in more than 60 proceedings before the SC Public Service Commission since 2012, in various capacities. That work includes developing and delivering testimony in IRP, avoided cost, competitive procurement, and new unit certification proceedings, as well as supporting intervention in a variety of other proceedings relating to energy economics. Kenneth has also contributed to analysis and regulatory work in North Carolina, Kansas, Missouri, Louisiana, Arkansas, Mississippi, and Tennessee, and has provided market research in the SPP and MISO footprints.

**Skills**

Power system economics & finance • Energy modeling & analysis • Integrated resource planning • Cost of service ratemaking • Wholesale power markets • Energy policy & regulation

**Experience**

*Energy Analyst, Greenlink Analytics*,Atlanta GA, 2022-present

*Independent Consultant, Electric Power Sector*,Denver CO, 2018-2022

*Utility Regulation Specialist, SC Coastal Conservation League*,Columbia SC, 2012-2018

*Research Assistant, Nicholas Institute for Environmental Policy*,Durham NC, 2010-2012

*Copy Editor, Nature Chemical Biology, Nature Publishing Group,* New York NY, 2006-2010

**Education**

*NARUC Utility Rate School and Grid School Training*, 2013 and 2014

*Masters of Environmental Management, Energy & Environment Concentration*

Duke University Nicholas School of the Environment, 2012

*Bachelors of Science, Biological Sciences*

Clemson University Honors College, Summa Cum Laude, General and Departmental Honors, Recipient of BioSci Faculty Award for Senior, 2005

**Publications, Committees, Speaking Engagements**

* [Expert Witness Testimony](https://dms.psc.sc.gov/Attachments/Matter/344e1d44-c1ba-4415-a26a-b82e50f56cb7) (Certificate of Public Convenience & Necessity) on behalf of Silicon Ranch Corporation, March 2022
* [Expert Witness Testimony](https://dms.psc.sc.gov/Attachments/Matter/40cf9b7a-9dc5-4b0d-9d6d-3f3daa07d6e5) (Avoided Cost Ratemaking) on behalf of clean energy advocacy organizations, July 2021
* [Expert Witness Testimony](https://dms.psc.sc.gov/Attachments/Matter/f3f391fd-2a9c-4930-963c-9aaaa5d71304) (Competitive Procurement of Renewable Energy) on behalf of clean energy advocacy organizations, February 2021
* [Expert Witness Testimony](https://dms.psc.sc.gov/Attachments/Matter/c6cfec80-c3eb-46f8-b9fd-26b9a76ee9ca) (Integrated Resource Planning) on behalf of the SC Solar Business Alliance, October 2020
* Project Development Pathways presentation to a clean energy developer, March 2020
* SC Electric & Gas DSM Advisory Group member, October 2012 – January 2018
* Duke Energy Carolinas EE Collaborative member, September 2013 – January 2018
* Duke Energy Progress EE Collaborative member, May 2014 – January 2018
* SC Electric & Gas Distributed Energy Resources Collaborative member, June 2016 – January 2018
* Duke Energy Distributed Energy Resources Collaborative member, June 2016 – January 2018
* Southeastern Wind Coalition – South Carolina Policy Liaison, June 2016 – January 2018
* SC Energy Plan, Integrated Resource Planning Process Committee member, Best Practices Subcommittee Chair, 2017
* SC Energy Plan, Act 236 Progression Committee member, 2017
* SC Energy Plan, Building Energy Codes Committee member, 2017
* Panelist, Energy Reform Panel Discussion, at the 2017 Conservation Leaders’ Summit, November 11-13 2017, Aiken, SC
* Moderator, Renewable Resources panel, at the 2nd Charles E. Fraser Sustainable Resort Development Conference, September 6-8 2017, Hilton Head Island, SC
* Panelist, Compensating Distributed Solar Generators, at CLE-accredited forum South Carolina Energy Policy and Planning, August 28-29 2017, Isle of Palms, SC
* Guest Speaker, “Clean Energy Opportunities for South Carolina,” at the Institute on Energy and Economics: A STEM Course, University of South Carolina EDUC R634 section R70, June 7 2017, Columbia, SC
* SC Energy Plan, Energy Infrastructure Subcommittee member, 2016
* SC Energy Plan, Energy Use and Resource Subcommittee member, 2016
* Panelist, “Rate Impacts of Offshore Demonstration Project,” at North Myrtle Beach Offshore Wind Conference, September 23 2016, North Myrtle Beach, SC
* Panelist, Regulatory Structure, at CLE-accredited forum South Carolina State Energy Plan, August 29-30 2016, Isle of Palms, SC
* Panelist, Energy Efficiency, at CLE-accredited forum South Carolina State Energy Plan, August 29-30 2016, Isle of Palms, SC
* Panelist, “Incorporating Distributed Energy Resources into the Southern States’ Utility Landscape” at Solar Power Southeast, May 26 2016, Atlanta, GA
* Guest Speaker, “Solar Energy in South Carolina,” Harbor Island Homeowners, May 7 2016, Harbor Island, SC
* SC Energy Coalition Modeling Workgroup member, 2015-2016
* Panelist, Rational Middle Energy Series at the World Affairs Council of Hilton Head, September 17 2015, Hilton Head, SC
* Panelist, Energy Efficiency: What can be accomplished outside the fence? at CLE-accredited forum Moving Forward with the Clean Power Plan, August 31-September 1 2015, Isle of Palms, SC
* Panelist, Energy and Economic Modeling of Clean Power Plan Compliance Options, at CLE-accredited forum Moving Forward with the Clean Power Plan, August 31-September 1 2015, Isle of Palms, SC
* Guest Speaker, “Energy and Environment in the South Carolina Power Sector,” at the Institute on Energy and Economics: A STEM Course, University of South Carolina EDUC R633B section 990, June 17 2015, Columbia, SC
* Panelist, Offshore Wind Activities in the Southeast, at 2015 NC State Energy Conference, April 21-22 2015, Raleigh, NC
* Alan Hancock & Kenneth Sercy, “The EPA Clean Power Plan: What Does It Mean for South Carolina?” presented at the Conservation Leaders’ Summit, December 8 2014, Aiken SC
* Panelist, Net Metering 2.0: Where have we been and where are we going? at CLE-accredited forum The World After Act 236: The Benefits, The Costs and The Integration of Distributed Energy Resources, August 25-26 2014, Isle of Palms, SC
* Panelist, Utility Distributed Energy Resource Programs Under Act 236, at CLE-accredited forum The World After Act 236: The Benefits, The Costs and The Integration of Distributed Energy Resources, August 25-26 2014, Isle of Palms, SC
* Panelist, Southeast Implications, at Technical Summit on EPA’s Carbon Pollution Standards for Southeast Advocates, August 13-14 2014, Atlanta, GA
* Robert T. Carey, Ellen W. Saltzman & Kenneth Sercy, [South Carolina Offshore Wind Economic Impact Study: Phase 2](https://www.remi.com/topics-and-studies/south-carolina-offshore-wind-economic-impact-study-phase-2/), May 2014
* Robert T. Carey, Ellen W. Saltzman & Kenneth Sercy, “40 MW Offshore Wind Energy: Estimated Economic and Rate Impacts (Preliminary Results),” presented to the SC Regulatory Task Force for Coastal Clean Energy, February 27 2014, North Charleston, SC; and presented to the BOEM SC Renewable Energy Task Force, May 16 2014, North Charleston, SC
* SC Energy Coalition Data Workgroup member, 2014
* Kenneth Sercy, [A Modeling Tool for Fuel Price Risk Management in Power Generation Portfolio Planning](https://dukespace.lib.duke.edu/dspace/handle/10161/5224), April 2012
* Marilyn A. Brown, Etan Gumerman, Xiaojing Sun, Kenneth Sercy, Gyungwon Kim, [Myths and facts about electricity in the U.S. South](https://www.sciencedirect.com/science/article/abs/pii/S0301421511007518). *Energy Policy* 40, 231-241 (2012).