

## Tyler Fitch, Senior Associate

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### PROFESSIONAL EXPERIENCE

**Synapse Energy Economics Inc.**, Washington, DC. *Senior Associate*, November 2021 – Present.

Conducts regulatory analysis and provides expert testimony on energy & climate issues. Examples include:

- Evaluating utility proposals for additional generation infrastructure against more economic and less carbon-intensive alternatives;
- Assessing the economic viability and prudence of continued operations of legacy coal plants as opposed to alternative resources and market purchases.

**Vote Solar**, Washington, DC. *Regulatory Director*, February – November 2021; *Regulatory Manager*, August 2018 – February 2021.

#### *Regulatory Director:*

- Directed Vote Solar’s climate and clean energy regulatory advocacy in the Carolinas, including public-facing reports and webinars; directing regulatory litigation; managing professional services and consultants; and developing advocacy in coalition with clean energy, environmental, and environmental justice stakeholders.
- Authored a technical report assessing stranded asset risk of electric generation infrastructure as a result of corporate carbon neutrality commitments. Results quoted in *Bloomberg*, *S&P*, and *GreenTechMedia*.
- Implemented a settlement with Duke Energy to conduct a region-leading investigation into physical climate-related impacts to electricity infrastructure in the Carolinas.
- Provided expert testimony in utility integrated resource planning proceedings identifying emergent climate-related risks and implications for utility planning, then providing recommendations for utility resource planning moving forward.

#### *Regulatory Manager:*

- Developed nation-leading quantitative assessment and regulatory direction for responding to the increase in residential utility debts as a result of COVID-19.
- Provided expert testimony on best practices in grid modernization in the context of climate-related physical risks to the North Carolina Utilities Commission.

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- Provided expert testimony on utility rate design to the Virginia State Corporation Commission and Georgia Public Service Commission.
  - Developed a flexible spreadsheet-based tool for assessing solar value proposition across several different rate design and project cost sensitivities.

**The University of Michigan**, Ann Arbor, MI. *Research Assistant, Urban Energy Justice Lab*, September 2016 – May 2018.

**ICF International**, Fairfax, VA. *Analyst*, October 2013 – June 2016.

- Developed energy efficiency scores for *ENERGY STAR* buildings using large data sets and multiple linear regression.
- As data lead for the multifamily sector of the *Better Buildings Challenge* wrote data policy and managed data submission for 100+ partners, spanning hundreds of buildings across the country.

## EDUCATION

**The University of Michigan**, Ann Arbor, MI

Master of Science, School of Natural Resources and the Environment, 2018

Masters Project: *Fueling a Transition: Evaluating the Feasibility for a Hybrid Renewable Microgrid in Beni, Democratic Republic of Congo*

**University of North Carolina**, Chapel Hill, NC

Bachelor of Science, 2013

Environmental Science, Focus: Energy and Sustainability; Minor: Computer Science

## PUBLICATIONS

Fitch, T. 2021. *Comments to the South Carolina Public Service Commission in response to Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's Modified 2020 Integrated Resource Plans*. Vote Solar.

Fitch, T. 2021. *Carbon Stranding Briefing: Risks of Carbon Stranding in Duke Energy's Modified 2020 Integrated Resource Plan*. Vote Solar.

Fitch, T. 2021. *Initial Comments to South Carolina Public Service Commission on Measures to Be Taken to Mitigate Impact of Threats to Safe and Reliable Utility Service*. Vote Solar.

Fitch, T. 2021. *Partial Proposed Order to South Carolina Public Service Commission, related to Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's 2020 Integrated Resource Plans*. Vote Solar.

Fitch, T. 2021. *Initial Comments to North Carolina Utilities Commission in the Matter of Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's 2020 Integrated Resource Plans*. Vote Solar.

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Fitch, T. 2021. *Carbon Stranding: Climate Risk and Stranded Assets in Duke Energy's Integrated Resource Plans*. Vote Solar.

Fitch, T. 2020. *10 Principles for Duke's Integrated Resource Plans in the Public Interest*. Vote Solar.

Fitch, T., & Ottenweller, K. 2020. *The State of Rooftop Solar in Florida*. Vote Solar.

Fitch, T. 2020. *Principles for Protecting Electric Utility Customers in the Regulatory Response to COVID-19*. Vote Solar.

Fitch, T., & Ottenweller, K. 2020. *The Costs & Risks of Florida's Dependence on Natural Gas*. Vote Solar.

Fitch, T. 2020. *COVID-19 and the Utility Bill Debt Crisis*. Vote Solar.

Culley, T., & Fitch, T. 2019. *Comments to the North Carolina Department of Environmental Quality on Draft Clean Energy Plan*.

Fitch, T. 2018. *Islands of Light: Microgrids and the Public Good*. *Agora Planning Journal*, 12, 74-80.

Vanderwilde, C., & Fitch, T. 2018. *Fueling the Energy Transition: Can a Congolese community affordably electrify with renewable resources?* University of Michigan Sustainability Cases.

Fitch, T., Lenhart, A., Buchanan, C., & Jeong, B. 2018. *Get Free: Understanding the Potential for Community Solar Power in Highland Park*. Dow Sustainability Report Series.

## TESTIMONY

**South Carolina Public Service Commission (Docket Nos. 2019-224-E and 2019-225-E):** Surrebuttal Testimony of Tyler Fitch in the matter of the 2020 Integrated Resource Plans for Duke Energy Carolinas, LLC and Duke Energy Progress, LLC. April 15, 2021.

**South Carolina Public Service Commission (Docket Nos. 2019-224-E and 2019-225-E):** Direct Testimony of Tyler Fitch in the matter of the 2020 Integrated Resource Plans for Duke Energy Carolinas, LLC and Duke Energy Progress, LLC. February 5, 2021.

**North Carolina Utilities Commission (Docket No. E-2, Sub 1219):** Direct Testimony of James Van Nostrand and Tyler Fitch in the Matter of Application of Duke Energy Progress, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina. April 13, 2020.

**Virginia State Corporation Commission (Docket No. PUR-2019-00214):** Direct Testimony of Tyler Fitch in the matter of the Application of Virginia Electric and Power Company for approval to establish an experimental residential rate. March 31, 2020.

**North Carolina Utilities Commission (Docket No. E-7, Sub 1214):** Direct Testimony of James Van Nostrand and Tyler Fitch in the Matter of Application of Duke Energy Carolinas, LLC for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina. February 18, 2020.

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**Georgia Public Service Commission (Docket No. 42516):** Direct Testimony of Tyler Fitch and Rick Gilliam in the Matter of Georgia Power Company's 2019 Base Rate Case. October 17, 2019.

*Resume updated December 2021*