

# Carla M. Frisch

## Summary

---

Energy and environment professional with more than ten years of experience building and leading teams to shape policy and action, e.g., climate change, energy efficiency, renewable energy, mobility, air quality, and other environmental issues. Achievements include:

- Identified and prioritized opportunities to reduce greenhouse gas emissions: Worked extensively to analyze pathways to lower global emissions, including for the U.S. Midcentury Strategy. Modeling results informed the Paris Agreement, domestic energy policies, multi-billion dollar investments.
- Developed strategies and made impactful grants: Led grants from \$50K to \$5M and advised on grants to \$250M that resulted in sustained, collaborative efforts to reduce emissions. Served on the board of a program evaluation conference, enhancing use of feedback to improve outcomes.
- Facilitated collaboration and grew interest: Developed extensive experience building public and private partnerships. Worked across sectors, agencies, and political perspectives to catalyze clean energy, for example, with a 20 electric utility climate resilience partnership.

## Professional Experience

---

### **Rocky Mountain Institute**

*Principal*

Washington DC

September 2018 – current

- Led America's Pledge activities to analyze, aggregate, and showcase sub-national climate action including designing greenhouse gas reduction strategies.
- Represented U.S. civil society at COP24 in Katowice, Poland through six speaking engagements and bilateral meetings with country governments. Featured on national NPR discussing climate.
- Aligned non-profit community around state, city, and business emissions reduction strategies.

### **Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy**

*Acting Deputy Director of the Bioenergy Technologies Office*

Washington DC

May 2018 – August 2018

- Led the multi-year program plan development for a \$220M annual research and development budget.
- Provided guidance to senior staff, resulting in strategic alignment, clear processes, and new projects.

### **Office of Energy Policy and Systems Analysis, U.S. Department of Energy**

*Director of Climate and Environmental Analysis*

*Acting Director of Electricity Systems Analysis*

Washington DC

May 2015 – May 2018

June 2017 – May 2018

- Led U.S. government greenhouse gas analysis and modeling, which supported the Paris negotiations and the U.S. Midcentury Strategy, a plan to reduce emissions 80% by 2050.
- Led DOE Clean Power Plan input, e.g. regulation design and state planning. Received Special Act Award.
- Regularly briefed the Secretary of Energy and other senior officials on energy and environmental policy issues, including air quality regulations, climate and national security.
- Supervised 12 senior technical staff, over 30 lab indirect reports, and multi-million budget to inform national climate and energy policy.
- Major contributor to the *Quadrennial Energy Review, Second Installment: Transforming the Nation's Electricity System*; co-author of 4<sup>th</sup> National Climate Assessment mitigation chapter.

*Director of Energy Efficiency Analysis*

November 2013 – May 2015

- Spearheaded a national campaign to double energy productivity by 2030 (energy2030.org).
- Led DOE energy efficiency and emissions reduction policy, informed efficiency legislation, and approved national appliance standards for public release.
- Managed Quadrennial Energy Review efficiency analysis, determining U.S. policy priorities.

# Carla M. Frisch

- Hired staff members and developed new center of buildings and transportation expertise.

## **Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy**

Washington DC

*Director of Analysis*

September 2011 – November 2013

- Created a strategic analysis portfolio used to optimize \$2B of U.S. government clean energy and transportation research, development, and deployment investments.
- Directed 12 staff and \$7M annual budget, producing work cited in the 2012 & 2013 *State of the Union*.
- Conceptualized and managed over 30 publications ([eere.energy.gov/analysis](http://eere.energy.gov/analysis)) that shaped industry decisions and received hundreds of press citations, including the Renewable Electricity Futures study, Transportation Energy Futures study, Demand Response and Storage study, Clean Energy Manufacturing Initiative, and Production Tax Credit design analysis.

*Presidential Management Fellow and Senior Policy Analyst*

September 2008 – September 2011

- Provided expert insight on clean energy technologies and market trends, informing and improving the quality of R&D investments.
- Led State Energy Efficiency Action Network national working group to advance methods to measure efficiency investments and savings; strategized with electric utility leaders.
- Coordinated activities of over 40 researchers, saving \$2M per year through improved communication and elimination of low value projects.
- Completed detail assignment as *Special Assistant to the DOE Under Secretary for Science*. During detail, led U.S. DOE strategic plan development and release, cultivating relationships and providing concrete direction to 15,000 employees. Advised on policy issues and organized idea forums to link basic and applied science investments.

## **Duke Energy/Duke University**

Durham, NC

*Climate Change Policy Fellow*

2007-2008

- Researched energy efficiency and emissions reduction potential and presented for practical application.

## Education and Academic Experience

---

**Federal Executive Institute**, Leadership for a Democratic Society (160 hours leadership)

May 2017

**Nicholas School of the Environment and Earth Sciences, Duke University**

May 2008

*Master of Environmental Management*, Environmental Economics and Policy, Focus in Energy

Thesis: *“Utility Demand Side Management: Defining and Evaluating Achievable Efficiency Potential”*

Duke Energy Club President, Duke Environmental Leadership Award 2008

**University of North Carolina at Chapel Hill**

May 2006

*Bachelor of Arts in Environmental Studies, Bachelor of Arts in Spanish, cum laude*, Phi Beta Kappa

Senior Honors Thesis: *“Payment for ecosystem services: Catskill/Delaware Watershed”*

University Renewable Energy Special Projects Committee Member

## Boards and Memberships

---

Certified Energy Measurement and Verification Professional (current), Beneficial Electrification League Advisory Board (current), Rural Investment to Protect our Environment Advisory Board (current), International Energy Program Evaluation Conference Planning Committee (2012 – 2017), Women’s Energy Network, D.C. Chapter Board (2014 – 2015), AAAS Fellowship Selection Committee Member (2012 – 2015)