

MARK JAMES

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EDUCATION

Vermont Law School, LL.M in Energy Law, 2016 *summa cum laude*

Global Energy Fellow, Institute for Energy and the Environment

Team Leader, VLS SunShot Plug and Play Solar PV for American Homes Project

Delegate, Vermont Law School 2015 Paris Conference of Parties Delegation

Member, Vermont Law School COP 21 Working Group

University of Ottawa Faculty of Law, English Common Law J.D., 2014 *cum laude*

University of Ottawa Faculty of Law Dean's List, 2011-2013

Norton Rose Canada LLP Scholarship for Academic Excellence and Teamwork, 2012

Inaugural member of Legal Writing Academy, 2012-2014

First Place, Centre for Environmental Law and Global Sustainability Environmental

Essay Contest - "*Addressing Cumulative Environmental Effects in the Oilsands: Parens Patriae, Public Trust Doctrine and the Federal Government*," 2014

Co-founder, Canadian Association of Environmental Law Societies (CAELS)

Chair, CAELS Conference – "Making Waves," 2014

Co-chair, CAELS Conference – "Thinking Big and Small," 2013

University of Toronto, B.Sc. Ecology, 1999 *with distinction*

Aufrecht Award Winner for Contribution to Residence Life, 1999

SCHOLARLY AND TEACHING EXPERIENCE

Vermont Law School, South Royalton, VT, 2016-present

Assistant Professor and Senior Research Fellow, Institute for Energy and the Environment.

- Teach distance learning courses:
 - Energy Policy in a Carbon Constrained World
 - Alternative Fuels and Renewable Energy
 - Energy Regulation & The Environment
 - Communications, Advocacy, and Leadership
- Lead research on Department of Energy (DOE) funded Powering Energy Efficiency Impacts Framework grant to facilitate access to and operation of low-income energy efficiency programming in five-county test pilot region in North Carolina.

- Lead research on DOE-funded Northeast Energy Efficiency Partnership – Home Energy Labelling Information Exchange (NEEP-HELIX) data privacy project to develop data access protocols for a multi-state home energy efficiency score.

Vermont Law School, South Royalton, VT, 2014-2016

Global Energy Fellow, Institute for Energy and the Environment

- Led research on DOE funded Lawrence Berkeley National Laboratory (LBNL) PV AutoPop data privacy project seeking to integrate rooftop solar data into real estate multiple listing services.
- Analysed building codes and standards, utility tariffs, and government legislation and drafted model code amendments for SunShot Plug and Play Solar PV for American Homes Project.
- Supervised VLS Energy Clinic team developing *Guide to Community Solar*.
- Facilitated executive training program *Legal Essentials for Utility Executives*.

University of Ottawa Faculty of Law, Ottawa, ON, 2013-2014

Research Associate, Professors N. Chalifour, L. Collins, and H. MacLeod-Kilmurray

- Prepared memorandums on carbon pricing programs, environmental justice, and the Canadian Charter of Rights and Freedoms, and sustainable agricultural policies and legislation.
- Wrote updates to 2014 version of *The Canadian Brownfields Manual*.
- Wrote case studies for *The Canadian Law of Toxic Torts*.

Columbia Law School, New York City, NY, 2014

Legal Intern, Columbia Center for Climate Change

- Wrote report on using securities laws to encourage public corporations to disclose climate change liabilities to potential investors.

PUBLICATIONS

Articles

Mark James, Kevin B. Jones, Ashleigh H. Krick & Rikaela R. Greane, *How the RTO stakeholder process affects market efficiency* (R Street Institute, Oct. 2017)

Kevin B. Jones, Mark James, and Heather Huebner, *Do You Know Who Owns Your Solar Energy? The Growing Practice of Separating Renewable Attributes from Renewable Energy Development and its Impact on Meeting Our Climate Goals* FORDHAM 28.2(8) ENVTL. L. REV.197 (2017)

Mark James, Kelsey R. Bain & David E. Sloan, *Undamming the Federal Production Tax Credit: Creating Financial Incentives for Dam Trading and Dam Removal* 53 IDAHO L. REV. 53 (2017). (Examining federal production tax incentives for small hydropower projects as compared to incentives for wind and solar projects.)

Mark James, Ashleigh H. Krick & Kelsey R. Bain, *Planning for the Sun to Come Up: Examining the Root Causes and Future Impacts of California and Nevada's Divergent Approaches to Net Metering* 8 SAN DIEGO J OF ENERGY L 1 (2016-17).

Kevin B. Jones, Mark James & Roxana-Andreea Mastor, *Securing our Energy Future: Three International Perspectives on Microgrids and Distributed Renewables as a Path Toward Resilient Communities* 16 J. OF ENVTL. HAZARDS 99 (2016).

Capturing the Sun: A Roadmap for Navigating Data-Access Challenges and Auto-Populating Solar Home Sales Listings, LAWRENCE BERKELEY NATIONAL LABORATORY (2016).

Book Chapters

Kevin B. Jones & Mark James, *Distributed renewables in the new economy: lessons from community solar in Vermont*, in *Law and Policy for a New Economy: Sustainable, Just, and Democratic* 189 (2017).

Online Articles and Blog Posts

Mark James and Kevin B. Jones, *Finding efficiencies: Updating RTO stakeholder governance to meet emerging challenges*, UTILITY DIVE (Dec. 15, 2017)
<https://www.utilitydive.com/news/finding-efficiencies-updating-rto-stakeholder-governance-to-meet-emerging/513085/>

Documenting COP21 – Articles 13-15, July 1, 2016. (Project documenting changes to Paris Agreement during course of negotiation sessions and identifying items left to future meetings to resolve.) <http://vlscop.vermontlaw.edu/4564-2/>

Vermont Law School Substantial & Sustained COP21 Observer Blog,
<http://vlscop.vermontlaw.edu/> (Written as part of VLS COP21 Observer Delegation)

- *Paris Agreement and the Clean Air Act – New Tools for the EPA?* January 19, 2016
- *UNFCCC Negotiations – Coordinating the Dance*, December 4, 2015
- *Building Transparency and Accountability in a New Climate Agreement*, December 3, 2015

- *Understanding the Complex Organized Chaos of UNFCCC Negotiations*, December 2, 2015
- *Carbon Capture and Sequestration – A Cautionary Tale*, December 1, 2015
- *The Ying and the Yang of the Low Carbon Economy*, November 30, 2015
- *Carbon Tax – More of the Same or Energy Miracle*, October 22, 2015
- *New Government in Canada, New Direction on Climate Change*, October 20, 2015
- *Past as Prologue? Joint Implementation and the Future for Flexibility Mechanisms*, October 3, 2015

End of Coal Fired Generation in Ontario, Columbia Center for Climate Change Law Blog <http://blogs.law.columbia.edu/climatechange/2014/01/22/end-of-coal-fired-generation-in-ontario/> January 22, 2014 (Written while serving as a CCCL Legal Intern in January 2014)

OTHER MEDIA

Grid Geeks: RTO Governance – Is It Broken and Can It Be Fixed? GOOD GRID (Oct. 17, 2017) <http://www.goodgrid.net/blog/2017/10/17/grid-geeks-podcast-s2e4>.

PRESENTATIONS

PEEIF: Using Technology to Address Low-Income Energy Burdens: A North Carolina Pilot Project, 2018 National Environmental Justice Conference, April 27, 2018.

Creating Additionality in City-Driven Renewable Energy Pledges, 2018 AALS Natural Resources and Energy Law Panel, January 3, 2018.

Me and My Utility Data: Data Privacy in an Interconnected World, 2017 Vermont Journal of Environmental Law Symposium, October 20, 2017.

Privacy and Governance Issues in Energy Efficiency Databases, NEEP-HELIX Year One Summit, November 10, 2016.

Planning for the Sun to Come Up: Examining the Root Causes and Future Impacts of California and Nevada’s Divergent Approaches to Net Metering, 8th Annual University of San Diego Climate & Energy Law Symposium, November 4, 2016.

Emerging Litigation in Water Law - Des Moines Water Works, 2015 Vermont Journal of Environmental Law Conference “TMDLs 2.0,” October 23, 2015.

Public Utility Commissions and Public Interest Litigation: How Citizen Action Can Advance and Protect the Renewable Energy Economy, 2015 Public Interest Environmental Law Conference, Eugene OR, March 6, 2015.

Welcoming Statement - Thinking Big and Small, 2013 Canadian Association of Environmental Law Societies, Ottawa, ON, February 22-23, 2013.

Welcoming Statement - Making Waves, 2014 Canadian Association of Environmental Law Societies, Ottawa, ON, February 21-22, 2014.

ACADEMIC GRANTS

Active Grants

Northeast Energy Efficiency Partnership - Home Energy Labelling Information Exchange, May 2016 – April 2018

- Created statement of work and negotiated final sub-contract on DOE funded project to integrate home energy efficiency scores into Multiple Listing Services.

Upper Coastal Plains Council of Governments - City Leap, August 2017 – September 2018

- Drafted grant proposal with project partners to secure \$477,000 in DOE funding for two-year project using energy consumption data to target home energy efficiency programs in low-income neighborhoods in eastern North Carolina.

Completed Grants

SunShot Plug & Play for American Homes, August 2014 – May 2016

- Managed multi-year contract as sub-grantee to Fraunhofer Center for Sustainable Energy DOE SunShot grant. Developed statements of work, negotiated annual contract renewal, and drafted annual compliance reports.

Lawrence Berkeley National Laboratory PV AutoPop Project, April 2016 – November 2016

- Developed statement of work and sub-contracting documents on DOE funded project evaluating data privacy issues arising from auto-population of rooftop solar system data into Multiple Listing Services.