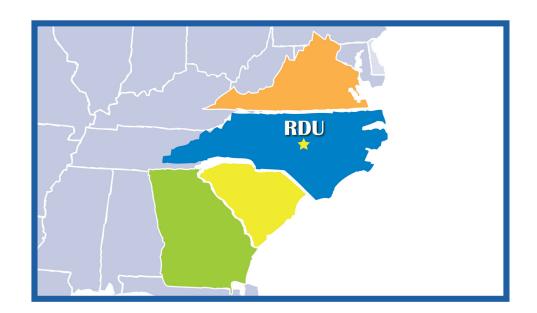
# **2016 Clean Energy CLE: Policy in the Southeast**



# **Planned by**



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### **Overview:**

Development of a distributed energy resource (DER) project involves multiple policy considerations. Many of the policy considerations are legal in nature, jurisdiction-specific, and subject to change on a "moment's" notice, particularly today as clean energy policies are being hotly debated at the federal, state, and local levels.

Using a Late Show-style "Top 10 List" approach, this day-long continuing legal education program (CLE) will inform attendees, in each session, of 10 existing/new legal considerations in a particular jurisdiction. Sessions will focus on federal law, North Carolina, South Carolina, Georgia, and Virginia law. The CLE will conclude with a session designed to inform attendees of 10 legal considerations for DER projects that include battery storage.

The CLE can accommodate attendance by 100-140 attorneys and business professionals. Breakfast, lunch, and afternoon snacks will be provided to attendees.

Attorney attendees will receive 5 credit hours of North Carolina and South Carolina general CLE. CLE credit has been applied for with the Georgia and Virginia state bars.

### **Desired Outcome:**

Attendees will leave the CLE with a better understanding of:

- legal considerations in four jurisdictions relevant to practitioners working in the Southeast (federal, North Carolina, South Carolina, and Georgia or Virginia),
- legal considerations for projects that include battery storage.

In addition, attendees have the opportunity to network with professionals who can serve as resources and provide future assistance with particular legal and regulatory project development questions as they arise.

### When:

Wednesday, February 3, 2016

### Where:

Doubletree Raleigh-Durham 4810 Page Creek Lane Durham, NC 27703

### **CLE Credit:**

5.0 Hours in NC & SC We are seeking 5.0 hrs in GA & VA.

### Cost:

\$350 per attendee / \$300 per NCSEA Member

# Register online at: http://bit.ly/1YFlijl

\*For questions or concerns about registration please email events@energync.org or call 919-832-7601 x 111.



# **AGENDA**

8:30 AM	Registration
8:30 AM - 9:15 AM	Breakfast (concurrent with Registration, Welcome, and Introduction)
9:00 AM - 9:05 AM	Welcome • Chairman Edward Finley - NC Utilities Commission
9:05 AM - 9:15 AM	Introduction • Henry Campen, Parker Poe
9:15 AM - 10:25 AM	Top 10 Legal Considerations – Federal Law Moderator: Henry Campen, Parker Poe  • Kim Duffley, NC Utilities Commission Counsel  • Lee Peterson, CohnReznick  • Malcolm Woolf, Advanced Energy Economy  • Grace Wung, Parker Poe
10:25 AM – 10:45 AM	Break
10:45 AM – 11:55 AM	<ul> <li>Top 10 Legal Considerations - North Carolina</li> <li>Moderator: Sam Watson, NC Utilities Commission General Counsel</li> <li>Tim Dodge, N.C. Public Staff</li> <li>Brian Herndon, Strata Solar</li> <li>Charlotte Mitchell, Law Office of Charlotte Mitchell</li> <li>Katherine Ross, Parker Poe</li> </ul>
12:00 PM - 1:00 PM	Choose Breakout A or Breakout B
	<ul> <li>Breakout A: Top 10 Legal Considerations - Georgia</li> <li>Moderator: Commissioner Tim Echols (non-attorney), Georgia Public Service Commission</li> <li>John Kaduk (non-attorney), Georgia Public Service Commission Staff</li> <li>Katie Ottenweller, Southern Environmental Law Center</li> <li>Breakout B: Top 10 Legal Considerations - Virginia</li> <li>Moderator: Melanie Santiago-Mosier, SunEdison</li> <li>William H. Chambliss, Virginia Corporation Commission General Counsel</li> <li>Eric Hurlocker, GreeneHurlocker, PLC</li> <li>Horace Payne, Dominion Virginia Power</li> </ul>
1:00 PM - 2:00 PM	Lunch
2:00 PM - 3:10 PM	Top 10 Legal Considerations – South Carolina  Moderator: Ashley Cooper, Parker Poe  • Alex Castle, Duke Energy  • Thad Culley, Keyes, Fox & Wiedman, LLP  • Hamilton Davis, South Carolina Coastal Conservation League  • Matt Gissendanner, SCANA
3:10 PM - 3:40 PM	
3:40 PM - 4:50 PM	<ul> <li>Top 10 Legal Considerations - DERs with Battery Storage</li> <li>Moderator: Rob Edwards, Kilpatrick Townsend &amp; Stockton</li> <li>James Poch, NRG EVgo</li> <li>Sky Stanfield, IREC, Shute, Mihaly &amp; Wienberger, LLP</li> </ul>
4:50 PM - 5:00 PM	Conclusion - Henry Campen, Parker Poe
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# TERMS AND CONDITIONS

### Registration

Registration is not considered complete until payment is received. Space is limited and will be assigned to complete registrations first. Registrations on-site will be accepted on a space available basis. Registrations may be transferred should you not be able to attend. Please contact events@energync.org to complete the transfer.

#### **CLE Credits**

### North Carolina:

The NC State Bar requires CLE sponsors to report CLE attendance within thirty (30) days of the event. Generally, your credit should show within thirty days. To check your NC State Bar records visit <a href="https://www.nccle.org">www.nccle.org</a>. If you have any questions after thirty days, please contact NC Continuing Legal Education Department at 919.733.0123.

### South Carolina:

South Carolina CLE hours are available by accessing the Supreme Court of South Carolina Commission on CLE and Specialization's website, by calling the Commission office at (803) 799-5578, or by emailing commcle@bellsouth.net.

#### Cancellations

Any cancellation must be received by Jan 13th, 2016 for a full refund. Any cancellations after this date are non-refundable, but will receive a digital copy of the materials for their payment. Credit hours will not be offered.

### Register Online - Space is limited so don't wait!

In an effort to reduce our environmental footprint we are asking that everyone register online at:

http://bit.ly/1YFIiiI

If you have any questions, concerns or need assistance with registration please email events@energync.org or call 919-832-7601 x 111.





# **Comments from our 2015 CLE Attendees:**

"The course was excellent and perhaps the best CLE I have attended in my lengthy career. I was extremely impressed with the panels and how very knowledgeable they were. It was not a CLE for newcomers but for persons in the field, and I think that was representative of the audience, it was spot on. A job very well done.

"Great combination of nuts and bolts information and high level policy issues."

"Very informative and worthwhile!"

"Excellent, well conceived program."



# **PANFLISTS**

**Alex Castle** is Associate General Counsel of Duke Energy Corporation. Mr. Castle represents Duke Energy in the state regulatory group supporting Duke Energy Carolinas on matters before the North Carolina Utilities Commission and Public Service Commission of South Carolina. Particular areas of responsibility include supporting internal clients on matters relating to retail ratemaking, renewable energy development and state renewable portfolio standards compliance (and related cost recovery), energy efficiency and demand side management programs, integrated resource planning, wholesale strategy, new nuclear development, legislative and regulatory strategy, state code of conduct/regulatory condition compliance and customer complaints. Mr. Castle received his JD from Wake Forest University School of Law in 2003.

Henry Campen is a partner in the Raleigh office of Parker Poe Adams & Bernstein LLP. He leads the firm's multidisciplinary Energy Industry Team, and his individual focus is on renewable energy. Henry provides project development and permitting advice to developers across the spectrum of renewable energy technologies, including wind, solar, fuel cells and biomass. He has practiced before the North Carolina Utilities Commission for more than 25 years. Parker Poe supported Iberdrola Renewables in all aspects of the development of the 1st wind farm in the southeast – the Amazon Wind Farm US East in northeastern North Carolina. The firm has also permitted 2500 MWs of solar PV in North Carolina. Parker Poe also permitted an 80 MW wind energy facility in North Carolina. Henry represents the American Wind Energy Association in the state and a number of wind developers developing wind energy facilities. Henry serves on the Board of Directors of Advanced Energy and chairs the Board of the Southeastern Wind Coalition. Henry served on Parker Poe's Board of Directors and as Managing Partner of the Raleigh office for 10 years. He earned his B.A. from Wake Forest University, an M.P.A from American University and his law degree from North Carolina Central University.

**William H. Chambliss** has been General Counsel of the Virginia State Corporation Commission since 2000. Prior to that he held other positions in the Office of General Counsel and served for three years as assistant to Commissioner H.W. Moore. Mr. Chambliss is a member of the Operating Committee of the North American Electric Reliability Corporation and a member for the NARUC and MACRUC Electricity Staff Subcommittees. He and his wife, Lee Ann, reside in Richmond and Baltimore, where Mrs. Chambliss is a registered nurse at the Johns Hopkins Pediatric Emergency Department. They have two adult sons, Evan and Walker.

**Ashley Cooper** practices regulatory and commercial law with a focus on energy law. He counsels energy clients on compliance with government regulations relating to Open Access Transmission Tariff administration, generator interconnection processes, market manipulation rules, electric reliability rules, renewable energy transactions, and transmission planning. Mr. Cooper has counseled a variety of clients including regulated utilities and renewable energy developers on a range of matters from the sale or acquisition of Federal Energy Regulatory Commission jurisdictional assets to proceedings before the Commission. Mr. Cooper also has experience representing clients in government audits and investigations. Additionally, he represents clients in commercial negotiations and dispute resolution. Prior to joining Parker Poe, Mr. Cooper served as Chief Compliance Officer and Assistant General Counsel for a FORTUNE 500 energy-based holding company in South Carolina. He also served as Legislative Director and Counsel to former U.S. Senator Ernest F. Hollings. In this role, Mr. Cooper was the senior advisor on all legislative, policy and political matters and was the main authority for all energy, judiciary and financial issues.

**Thad Culley** is a Senior Associate with the law firm Keyes, Fox & Wiedman, LLP. Mr. Culley graduated from North Carolina State with a B.A. in History and earned his law degree from Tulane Law School in New Orleans. Mr. Culley's regulatory practice focuses on emerging issues in distributed solar generation, particularly: net metering, third-party ownership of customer-sited solar facilities, and the related electric rate design issues that impact customer decisions to adopt rooftop solar. Mr. Culley has participated in proceedings related to these issues in over 13 states, including the recent Distributed Energy Resource Program dockets before the South Carolina Public Service Commission. Mr. Culley lives in Chapel Hill, NC and works out of the firm's Cary, NC offices.

**Hamilton Davis** is a native of South Carolina with a BS from Clemson University and a JD from the USC School of Law. He has been working for the Coastal Conservation League since 2006 and currently serves as the Energy & Climate Director. The Energy & Climate Program promotes the implementation of comprehensive local, state, and federal energy policies related to renewable energy, energy efficiency, and climate change. Hamilton is currently serving on the Energy Advisory Council for the Public Utility Review Committee, the SC Offshore Wind Regulatory Task Force, the SC Energy Office Advisory Council, and is a recent board member of the SC Solar Business Alliance.



**Tim Dodge** is a staff attorney with the Public Staff of the North Carolina Utilities Commission. Tim has a B.S. degree in Natural Resource Policy and a Masters of Public Administration, both from North Carolina State University, and a Juris Doctor degree from UNC School of Law (2009). Prior to joining the Public Staff in January 2011, Tim worked as a legislative analyst (2001-2006) and as legislative counsel (2009-2010) for the Research Division at the North Carolina General Assembly, where he staffed the Senate Agriculture, Environment, and Natural Resources Committee, and the House Energy and Energy Efficiency, Water and Water Infrastructure, Environment and Natural Resources, and Judiciary III Committees. Tim also served as Commission Staff for the several legislative study commissions, including the Environmental Review Commission, the Legislative Commission on Global Climate Change, the Legislative Study Commission on Water and Wastewater Infrastructure, and the Joint Legislative Commission on Seafood and Aquaculture. Tim's primary focus since joining the Public Staff has been electricity issues, including renewable energy portfolio standard (REPS) compliance, certificates of public convenience and necessity for renewable energy facilities, least cost integrated resource planning, avoided costs, and other proceedings.

**Kim Duffley** joined the North Carolina Utilities Commission in November 2011, as a staff attorney. She provides a range of advice mainly in the area of electricity and is the lead attorney on federal issues, responsible for preparing filings with the Federal Energy Regulatory Commission and monitoring RTO markets. She is involved in the National Association of Regulatory Utility Commissioners and is currently Vice Chair of the Staff Subcommittee on Electricity, gaining in-depth knowledge of current regulatory and policy issues in electricity as a planner of conference sessions for those engaged in utility regulation. Prior to joining the Commission, she was an assistant attorney general in the Environmental Division of the North Carolina Attorney General's Office for twelve years, where she was responsible for representing her client, the Department of Environment and Natural Resources in the Office of Administrative Hearings, as well as in state and federal court. During her tenure, she successfully litigated many significant cases and worked collaboratively with other divisions within the Attorney General's Office. She was also involved in assisting the Solicitor General in preparing attorneys for appellate oral argument.

**Tim Echols** was elected to the Commission in the general election of November 2010 after spending 15 years in the non-profit sector. Echols founded "TeenPact" and grew the mock legislative youth program to 38 states in his tenure. He continues to serve on the Board of Directors. Tim's campaign focused on consumer protection, clean energy, and accountability. He travels the state speaking to students, civic groups and businesses about the importance of the PSC's responsibilities especially providing accountability to those the agency regulates. Commissioner Echols has been outspoken about Georgia's nuclear waste--still sitting on both sites. He supports a Heritage Foundation plan that would privatize the reprocessing and disposal of commercial nuclear "material." Believing if the space program can be privatized, then certainly nuclear waste disposition can too. Tim has three degrees from the University of Georgia and still makes his home in the Athens area with his wife Windy and their seven children.

Rob Edwards is a Partner and Co-Head of the Energy, Project Finance & Clean Technologies Practice at Kilpatrick Townsend & Stockton LLP. Rob collaborates with attorneys across the Firm to bring innovative structuring and financing solutions to technology, developer and finance companies operating across the clean energy and traditional energy sectors. Rob is a recognized leader and domain expert in energy storage. In 2015 Rob was selected as one of 20 clean energy professionals nation-wide to participate in the National Renewable Energy Lab's EnergyExecs Program. Rob has served as the Chairman of the Energy Storage North America Conference for the last two years. Rob counsels developers, technology companies, financiers, private equity and utilities involved in deploying energy storage systems. Prior to joining Kilpatrick Townsend, Rob was a banker with the JP Morgan Global Commodities Group in NYC. Rob worked with clients in structuring financial and physical hedges in the power, oil and natural gas sectors and on structuring project financed deals. He advised the GCG Senior Management Team on energy policy developments in Washington, DC and how the same would impact U.S. and global commodities markets. Prior to joining JP Morgan, Rob served as the Deputy General Counsel for Energy Policy at the U.S. Department of Energy, a senior Presidential appointee from 2009-2011. During this time, Rob was one of the leaders at the DOE responsible for the deployment of more than \$35 billion in Recovery Funds into the clean energy sector. Prior to his government service Rob practiced as a Partner on the Global Projects Team of two AM Law 100 firms where he advised IPP developers and utilities on a wide variety of energy projects including inside the fence projects, M&A deals for power generating facilities and electric sector restructuring in Eastern Europe, Asia and Africa.

**Chairman Finley** was born in North Wilkesboro, North Carolina. He holds a Bachelor of Arts degree in history from the University of North Carolina at Chapel Hill and a Juris Doctor from the University of North Carolina School of Law. Between 1974 and 2007 he practiced law in Raleigh, North Carolina, with the firm of Joyner & Howison from 1974 to 1980 and the firm of Hunton & Williams from 1980 to 2007, after a merger of the two firms. His primary area of practice was public utility regulation. Governor Easley appointed Finley to the Commission on January 23, 2007, to fill a term that expired on June 30, 2011. Governor Perdue reappointed Finley to the Commission on April 10, 2007, to fill a Chair term that expired on June 30, 2019. Governor Perdue reappointed Finley as Chairman effective July 1, 2009, for a Chair term that expired on June 30, 2013. Governor McCrory reappointed Finley as Chairman effective July 1, 2013, for a chair term that expires on June 30, 2017. Chairman Finley is active in community and civic affairs. He and his wife, Ginger, have two sons.



Matthew Gissendanner is Assistant General Counsel at SCANA Corporation ("SCANA"), where he primarily provides legal counsel and representation to South Carolina Electric & Gas Company ("SCE&G"), SCANA's principal subsidiary. His practice focuses on electric and natural gas matters, and he appears frequently before the Public Service Commission of South Carolina. A native of West Columbia, South Carolina, Matthew attended Clemson University, where he twice received the Trustees' Medal for Oratorical Excellence and earned a B.S. in Chemical Engineering, magna cum laude, in 1999. After graduation, he worked as a process engineer at Albemarle Corporation in Orangeburg, South Carolina, before accepting a position as a resource commitment engineer at SCANA Corporation, where, among other things, he developed daily load forecasts for SCE&G's service territory and daily economic dispatch plans for SCE&G's generation assets. In 2004, Matthew enrolled at the University of South Carolina School of Law, where he was a member of the South Carolina Law Review, the Order of the Coif, and the Order of the Wig and Robe and earned his J.D., magna cum laude, in 2007. After law school, he served as a judicial law clerk for The Honorable Karen J. Williams, Chief Judge of the United States Court of Appeals for the Fourth Circuit, for two years before returning to SCANA in 2009. During his time with SCANA, he has also served as an adjunct legal research instructor for first-year law students at the University of South Carolina School of Law on three different occasions. Matthew is admitted to practice in South Carolina and the District of Columbia and before the United States Court of Appeals for the Fourth Circuit. He presently resides in Cayce, South Carolina, with his wife Jennifer and their two boys, Gabe and Jack. He is an active member of Trenholm Road United Methodist Church in Columbia, South Carolina, where he serves as Chair of the Church Council and a Sunday School teacher.

**Brian Herndon** joined Strata Solar, LLC as its General Counsel in April 2015. In Brian's former role as lead partner of Blanco Tackabery's clean energy practice group, he and his team assisted renewable energy developers in the development and financing of their North Carolina projects. Brian's law practice spans 29 years, with substantial experience in tax credit finance, commercial real estate finance, structured finance, business organizations and mergers and acquisitions to name a few. Brian is a graduate of NC State and obtained his law degree (magna cum laude) from Samford University.

**Eric Hurlocker** has spent more than two decades practicing business law and advising energy industry clients in the areas of energy law, commercial energy project financing, and renewable and retail energy corporate matters. His law practice is closely aligned with renewable energy development companies, in addition to companies employing renewable energy in their operations. He is a frequent speaker and panelist and has moderated panels of experts at a number of industry meetings, most recently Solar Focus 2014 in Washington, D.C. He is currently serving a second term on the Board of Directors for the Maryland-DC-Virginia Solar Energy Industries Association and represents the Association and other energy industry firms in solar development projects and in administrative matters before the Virginia State Corporation Commission.

After graduating from the University of Richmond School of Law, Hurlocker began working on energy-related client matters for a large Virginia-based international law firm. Later, he was in-house lawyer at Dominion Virginia Power and, eventually, a senior in-house corporate and energy attorney at PPL Corporation in Allentown, Pennsylvania. During his ten years within those legal departments, he was responsible for non-regulated activities, energy project development, asset acquisition and disposition, and energy trading. In 2006, Eric returned to private practice in Richmond and practiced at two large Richmond-based firms until 2012. In 2012, he formed GreeneHurlocker, an energy law boutique firm, with expertise in energy regulation, rates, transactions, development, financing, litigation and distribution. Eric is a member of several important advocacy and energy-related organizations including the North Carolina Sustainable Energy Association and the Commonwealth of Virginia Small Solar Working Group (SSWG) Stakeholder Group on Distributed Solar Generation and Net Metering. His community roots run deep, as well, and he serves as Chair of the Richmond/Petersburg United Way Income Action Council. In addition, he works closely with Commonwealth Catholic Charities in organizing and implementing programs for the representation of juveniles in foster care in immigration matters. Eric, his wife and two children live in western Henrico County, Virginia. More than 30 years of in-house corporate legal experience in both natural gas and electric regulatory issues primarily at the state level.

**John Kaduk** is a Senior Public Utilities Engineer with the Georgia Public Service Commission. He has 13 years of experience as a Public Service Commission staff member comprising of 4 years in telecommunications, 4 years focused on electric issues and 5 years working with the Energy Efficiency and Renewable Energy team with a focus on renewables and transmission related matters. During his tenure with the Georgia Public Service Commission, John has testified on behalf of Staff as an expert witness on both renewables and smart grid issues. He received his bachelor's degree in Electrical Engineering from the Georgia Institute of Technology in 2002.

**Charlotte Mitchell** is an attorney who specializes in environmental and energy law. Charlotte represents clients before the North Carolina Utilities Commission, assisting with regulatory compliance, approvals and certifications, including certificates of public convenience and necessity, complaint and arbitration proceedings, and participation in rate case proceedings. Charlotte has significant experience in representing renewable energy developers and owners of qualifying facilities in matters related to the Public Utility Regulatory Policies Act. She received her JD from the University of North Carolina at Chapel Hill.



**Katie Chiles Ottenweller** is a staff attorney with the Southern Environmental Law Center, where she heads up their regional Solar Initiative. This initiative was launched to help the Southeast reap the many benefits of solar power, by removing legal and policy barriers to affordable, clean solar energy in Virginia, North and South Carolina, Tennessee, Georgia and Alabama. She heads up a team of ten attorneys working on clean energy policy throughout the Southeast. Katie is originally from Tallahassee, Florida, and is a graduate of the University of Georgia and Columbia University School of Law. She is licensed to practice law in Pennsylvania and Georgia.

**Horace P. Payne,** Jr. has been Senior Counsel for Virginia Electric and Power Company for 8 years. The Company, headquartered in Richmond, Virginia, currently serves approximately 2.5 million electric customers located in approximately 30,000 square miles of Virginia and North Carolina. Prior to joining Virginia Electric and Power Company, Horace sent over 25 years as inhouse legal counsel for The Peoples Natural Gas Company in Pittsburgh, Pennsylvania. Over those years, Horace's was primarily responsible for regulatory matters pertaining to residential and commercial customer service disputes, marketing and sales agreements, natural gas purchase contracts, bankruptcy and debt collection activities, guaranty agreements, letters of credit, real estate transactions and pipeline extension/relocation agreements. He also represented the Company at hearings before the Pennsylvania Public Utility Commission, the West Virginia Public Service Commission and the Commonwealth Court of Pennsylvania. Horace currently remains focused on a plethora of diverse electric regulatory matters including customer service issues, rates, integrated research planning, demand-side management and energy efficiency, fuel factor, avoided cost, renewable energy, pole attachment, interconnection agreements, and franchise and right to serve issues. Horace holds a B.A. degree from Culver-Stockton College and J.D. /M.P.A. from Syracuse University. He is licensed to practice law in Virginia, Pennsylvania and West Virginia.

**Lee Peterson** is a licensed attorney in the state of Georgia, and Senior Manager for CohnReznick, LLP in its Renewable Energy Group. Lee has broad federal and state income tax knowledge with considerable experience in the area of income taxation of partnerships and limited liability companies. His clients include Fortune 100 companies, governments and non-profit organizations and renewable energy project developers and investors. He is responsible for advising CohnReznick clients on renewable energy transactions, with a significant focus on transactions that involve federal, state and local tax and financial incentives. He received his JD from William Mitchell College of Law in 1997.

**Katherine Ross** is an Associate at Parker Poe. She represents businesses and local governments in regulatory matters and civil litigation. In her regulatory practice, Ms. Ross routinely advises clients on compliance matters and in negotiations with regulatory agencies. Ms. Ross has assisted developers of renewable energy facilities permit of 1000 megawatts of generation. She received her JD from North Carolina Central University in 2008.

**Melanie Santiago-Mosier** serves as the Director of Government Affairs for the Midwest and Southeast United States for SunEdison, the largest global renewable energy development company. Prior to joining SunEdison, she led the government affairs efforts for organizations such as the Maryland Public Service Commission and Washington Gas Energy Services, after serving as counsel and policy analyst for the Maryland General Assembly. Ms. Santiago-Mosier has 10 years of experience and claims a number of regulatory and legislative victories, many involving enhanced incentives and opportunities for renewable energy development. Melanie is an attorney licensed to practice law in Maryland, and holds her JD from the University of Maryland School of Law, and her BA from St. John's College. She was recently named one of Maryland's "Leading Women" by The Daily Record, Maryland's premier business and legal news publication.

**Sky C. Stanfield** is a lawyer with Shute, Mihaly & Wienberger LLP in San Francisco, CA where she practices renewable energy law and policy, with a focus on regulatory policy implementation, compliance and permitting processes. Sky represents the Interstate Renewable Energy Council, Inc. (IREC) in regulatory proceedings across the United States. On behalf of IREC, Sky regularly works on the development and refinement of state and federally regulated interconnection standards, playing an active role in improving the clarity and efficiency of these processes. She participates in rulemakings before state public utility commissions and the Federal Energy Regulatory Commission regarding the topics of grid modernization, the creation of market rate policies for wholesale renewables, energy storage, net metering, community shared renewables and related topics. She also assists clients with project specific interconnection and regulatory issues associated with the development of distributed solar and energy storage projects. She is the co-author of: Deploying Distributed Energy Storage: Near-Term Regulatory Considerations to Maximize Benefits, Interstate Renewable Energy Council, Inc., February 2015.

**Sam Watson** is General Counsel for the North Carolina Utilities Commission. He received a law degree, with highest honors, from The Catholic University of America, Columbus School of Law in Washington, D.C., and an undergraduate degree in engineering from North Carolina State University in Raleigh. Mr. Watson is a member of the North Carolina State Bar and the Energy Bar Association. Mr. Watson has spent over 25 years in the electric industry as an engineer and as an attorney. Prior to joining the Utilities Commission, Mr. Watson worked in Knoxville in the legal department of the Tennessee Valley Authority. He also spent several years in private practice in Raleigh representing clients in utility matters before federal and state regulatory authorities.



Malcolm Woolf, Senior Vice President, Policy & Government Affairs, leads AEE's public policy efforts to promote the advanced energy industry, including federal, state legislative and state regulatory initiatives, outside of California.Before joining AEE, Malcolm served as a Cabinet-level official with Governor Martin O'Malley. As head of the Maryland Energy Administration from 2007-2012, he helped enact and implement one of the most ambitious sets of energy goals in the nation. To achieve these goals, MEA launched numerous innovative new programs to promote greater use of advanced energy technologies, including the Generating Clean Horizons program that was named one of the "top 25 innovations in American government" by Harvard University's John F Kennedy School.An energy expert with experience at the national level and in the private sector, Woolf was chair of the National Association of State Energy Officials (NASEO), has testified before Congress on several occasions, and is frequently featured in national media. He was appointed by Secretary Bodman to serve on the DOE's Electricity Advisory Committee, and by Secretary Chu to serve on DOE's State Energy Advisory Board and to the State and Local Energy Efficiency Action Network's executive committee.Woolf previously served as the director of the National Governors Association's Natural Resources Committee and counsel to the U.S. Senate Environment and Public Works Committee. He also was a senior attorney with the U.S. Environmental Protection Agency, and an associate with the law firms of Winston & Strawn and Piper & Marbury. Malcolm received his B.A. magna cum laude from Tufts University, with a year at Pembroke College, Oxford University. He earned his law degree, as well as a Masters of Public Administration and Public Policy, from the University of Virginia.

Grace Wung practices energy law with a focus on state and federal energy regulation. Grace began her career in the energy industry as a law clerk/Attorney Advisor for the Office of Administrative Law Judges at the Federal Energy Regulatory Commission. She has counseled a variety of clients including consumers, market participants in organized markets, renewable developers, independent system operators, and regulated public utilities on retail and wholesale matters before state regulatory commissions and the Federal Energy Regulatory Commission (FERC), with particular emphasis on regulatory compliance, tariff administration, and rate proceedings. Prior to returning to private practice Grace served as Associate General Counsel for a regulated public utility in the west in a variety of matters before the FERC, including but not limited to, matters involving open access transmission service, generator interconnection service, transmission interconnections, acquisitions and dispositions of jurisdictional facilities, compliance with FERC (electric and gas) and the North American Electric Reliability Corporation (NERC) requirements, rate proceedings and Public Utility Regulatory Policies Act (PURPA) requirements. Grace also served as the inhouse counsel responsible for various matters related to the construction of a 300 plus mile transmission line interconnecting two previously separate transmission systems. Before serving as in-house counsel, Grace's practice also included assisting consumers in state retail rate proceedings, energy efficiency and demand response proceedings, wholesale market participants in various independent transmission operator/regional transmission operator wholesale energy market matters throughout the United States, shippers involved in natural gas rate proceedings and compliance with FERC's requirements, as well generator interconnection and other open access tariff requirements for both transmission providers, customers and developers.

