

## BIOGRAPHY



**Peter V. K. Funk, Jr., Partner**

Funk & Zeifer LLP  
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Peter Funk practices in the areas of energy and construction law and the financing of energy projects. His extensive background includes experience with renewable, alternative and conventional generation together with energy conservation and demand response projects. His representations also include numerous clients as to the purchase and sale of energy commodities and related tariff issues. He has an equally extensive background in utility law and in representing regulated electric and gas utilities with regard to regulatory agencies, generating plants and transmission and distribution matters.

During his years of practice, he has represented clients in the areas of renewable and alternative energy practice includes solar, hydro, landfill gas or animal waste bio-methane to power (or gas off-take), on-site cogeneration, geothermal, energy efficiency, energy conservation retrofit projects and demand-side management projects such as advanced interval submetering, waste-to-energy. He has served in the role as outside general counsel to an energy services company. He advises many clients in these areas and has served as outside general counsel to an energy services company.

Mr. Funk also has also advised gas and electric utility companies and served in the role of outside general counsel for a gas and electric utility (with nuclear, conventional steam electric and hydro facilities). He has practiced before federal and state courts and regulatory agencies.

Peter Funk's construction practice and experience encompasses general construction and, in particular, retail store, office building and airport food concessions interior construction. His construction experience with energy projects includes large power plants, hydropower facilities, on-site generation, electric and gas transmission\distribution and energy conservation retrofits.

A member of the American and New York State bar associations and the Association of the Bar of the City of New York, Mr. Funk is a 1973 graduate of Boston University School of Law, where he won the American Jurisprudence Award.

### ***Representative Matters***

#### **Energy Law**

- Energy generation and gas supply projects including solar, cogeneration, biomass and biogas installations including landfill gas and bio-methane to power and gas off-take to area purchasers and pipeline injection; wind, energy conservation installations including a broad range of measures, and municipal and energy equipment lease transactions and performance engineering
- Served as outside general counsel to an energy services company; also represents and has represented several other energy services companies, host facilities, manufacturers, owners, contractors, consultants and energy sector contractors
- Advised and performed legal services for solar developers
- Energy conservation and supply projects for several large Public Housing Authorities (PHAs)
- Purchase and sale of energy commodities such as electricity, gas and oil
- Negotiated Macquarie financings on behalf of energy companies
- Data center energy issues
- Energy incentive programs
- Demand side management projects
- Metering installations including advanced interval electric metering, submetering and related real time price and time of use electric pricing
- Lighting projects and representation of lighting manufacturers
- Energy related financing (including conventional financing, project financing and municipal leases)
- Waste to energy projects
- Advice to owners and operators of steam production and chilled water facilities.
- Energy and carbon/green trading

#### **Utility Law**

- Comprehensive experience representing electric and gas utilities
- Negotiated disputes with utilities on behalf of customers with respect to billing matters
- Licensing, construction, operation and maintenance of generation facilities (including nuclear, fossil steam electric, wind, hydropower, alternative and renewable) and transmission and distribution facilities for electric and gas utilities

- Corporate matters including debt and equity financings and other corporate matters
- Successful handling of federal case involving power purchases from a hydro plant that included several motions, an interlocutory appeal to the Third Circuit, prevailing at the trial level (settlement followed)
- Procurement and transportation of fuel
- Issues in connection with nuclear plant regulation, operation, insurance, claims and related matters
- Pole attachment proceedings and contracts
- Participation in regulatory administrative proceedings; served as lead counsel for the investor-owned electric companies in several regulatory proceedings
- Deregulation issues
- Successful representation in litigation of an electric utility in cases involving transmission lines including a 345 MW lines, a hydro plant and other facilities

#### **Construction Law**

- General construction matters
- Energy related construction
- Interior and exterior construction, waterproofing and renovation
- Residential, retail store and restaurant interior construction

#### ***Professional Activities (Current and Former)***

- American Bar Association
- New York State Bar Association
  - Former Chairman, New York State Committee on Public Utility Law
- Association of the Bar of the City of New York (Present and past committee memberships)
  - Energy Committee
  - Futures Committee (liaison with Energy Committee)
  - Telecommunications Committee
  - Construction Law Committee
  - Committee on Nuclear Law
- National Association of Energy Service Companies
- Association of Energy Engineers
- *Metes & Bounds* (publication of the Association of the Bar of the City of New York)

#### ***Admissions***

- New York State Supreme Court
- U.S. District Courts for the Eastern, Northern and Southern Districts of New York

- U.S. Court of Appeals for the Second Circuit
- Supreme Court of the United States
- U.S. Tax Court

***Education***

- Bishop's University, Canada, B.A., 1970
- Boston University School of Law, J.D., 1973 American Jurisprudence Award

## ***Experience***

- Funk & Zeifer LLP. Partner, May, 2012 - present
- Duane Morris LLP. Partner, November, 2005-April, 2012
- Thompson Hine LLP. Partner, 2002-2005
- Gould & Wilkie LLP. Partner, 1979-2002; Associate, 1974-1979

## ***Board and Advisory Memberships***

- *Mission Critical Magazine* – Member of Technical Advisory Board and author of column “Legal Perspectives”
- *Energy and Power Management Magazine* (formerly *Energy User News*) – Former Member of Advisory Board
- Nuclear Energy Insurance Company -- Former Member of National Legal Advisory Board

## ***Civic and Charitable Activities***

- Officer and former President of 322 Central Park West (Co-op)/Initiated unique real-time pricing energy demonstration project
- Participates in voluntary groups and organizations such as the Cooperative Coalition to Prevent Blackouts in order to address problems in electricity supply and end-use in the NYC area and on a national basis

## ***Military***

- U.S. Army, 5th Special Forces Group (Vietnam)

## ***Recognition and Media***

Peter Funk:

- Serves on the Technical Advisory Board of Mission Critical Magazine
- Received a “Green Team” award from the New York Association of Realty Managers (NYARM).
- “Saving on utilities just takes gazing into a crystal ball,” *USA Today*, March 2007
- "Taking Control of Electric Bill, Hour by Hour," project profiled in article, *New York Times*, January 2007
- Comments on impact of suspension of federal ESPC program: NAESCO Journal, February 2005
- Interview: *Power Engineering Magazine*, August 2004

- Quoted in "The Energy Factor - A Special Report for Senior Executives," a publication of *Energy User News*, September 2002
- Remarks at Globalcon 2002 quoted in *Energy User News*, August 2002
- Interview on Energy Today TV Program aired White Plains, New York, November 2002
- Remarks from Deregulation Presentations Quoted in several issues of *Energy User News*

## ***Publications***

### **Biogas**

- "Anatomy of an Animal Waste Renewable Biogas Project," World Energy Engineering Congress (WEEC), October 2014
- Co-author, "Data Centers Powered by Farm Waste Biogas," *Mission Critical* November 2010
- "Untapped Biogas Available to Provide Substantial New Fuel Source," *Natural Gas & Electricity*, March 2010
- "The Mission Critical Dairy Farm," *Mission Critical*, May/June 2009
- "Legal Perspectives: Renewable Biogas and Reliability," *Mission Critical*, February 2009

### **Business and Business Sectors**

- "Solving Utility Bill Disputes in Mission Critical Facilities," *Mission Critical*, May/June 2015
- Co-author, "Free Lunch? Maybe..." *Mission Critical*, April 2013
- "Anatomy of a Savings Guarantee," *Mission Critical*, October 2012
- Co-author, "Due Diligence – What You Don't Know Can Hurt You," *Mission Critical*, August 2012
- "Energy Supply Contracts and the Importance of the *Force Majeure* Clause/An International Crisis Impacts Your Business," *Mission Critical*, February 2012
- "A Look at M&A and Mission-Critical Environments," *Mission Critical*, June, 2011
- Co-author, "Legal Perspectives: Drug Companies Need Reliable Power," *Mission Critical*, October 2009
- Co-author, "The Cogeneration Option: Saving Money and the Planet," *Healthcare Design Magazine*, May 27, 2009
- "Reliability Funding in the Stimulus," *Mission Critical*, April 2009
- "Reliable Energy Is Critical for Financial Institutions," *Mission Critical*, May 2008

- “Mission Critical Health Care Facilities” *Mission Critical*, October 2007

### **Cloud Computing**

- Co-author, “Modern Legal Issues/Ancient Roots,” *Mission Critical*, May 2012 (cloud services agreements)
- Co-author, “The Cloud Changes Everything” (How cloud computing affects data center energy planning.), *Mission Critical*, April 2011

### **Cogeneration/Alternate Energy**

- “Are Islanded Microgrids Suitable for Mission Critical Facilities?” *Mission Critical*, January/February 2016
- “Allocation of Risk in Power Purchase Agreements for On-Site Power,” *Mission Critical*, November/December, 2013
- “Energy Performance Contracts and Data Centers,” *Mission Critical*, August 2013
- Co-author, “The Cogeneration Option: Saving Money and the Planet,” *Healthcare Design Magazine*, May 27, 2009
- “Emergency Generation in High-Rise Residential Buildings,” *Mission Critical*, November 2008

### **Data Centers**

- “Are Islanded Microgrids Suitable for Mission Critical Facilities?” *Mission Critical*, January/February 2016
- “Energy Performance Contracts and Data Centers,” *Mission Critical*, August 2013
- Co-author, “Free Lunch? Maybe...,” *Mission Critical*, April 2013
- Co-author, “Bringing Power to Large Data Centers,” *Mission Critical*, February 2011
- “Liability Pitfalls in Data Center Reliability Assessments,” *Mission Critical*, November 2011
- “New York City’s New Energy Code and Data Centers,” *Mission Critical*, September 2010
- Co-author, “Lease Requirements for Tenants with Data Centers,” *Mission Critical*, July/August 2010
- Co-author, “Legal Perspectives: Can a Data Center Be Reliable,” *Mission Critical*, November 2009

- “A Reliable Energy Supply is Key to Data Center Success,” *Mission Critical*, March 2008

### **Energy Conservation**

- “The Great Leap Backwards — From Technical to Legal” (Contracts, Compliance, and other Legal Considerations), *Mission Critical*, August 2014
- “Energy Performance Contracts and Data Centers,” *Mission Critical*, August 2013
- “Anatomy of an Energy Savings Guarantee” *Mission Critical* October 2012
- “Illuminating a Masterpiece,” *Energy User News*, (NYPA Energy Conservation Lighting Project in Metropolitan Museum of Art), June 1999
- “Making Energy Projects Perform,” *Energy User News*, November, 1998
- “New Opportunities Emerge for ESCOs: Integrating Energy Conservation and Communications Projects,” *Energy Efficiency Conservation*, (NAESCO Publication), Winter/Spring, 1997

### **General**

- Co-author “Hurricane Sandy: Now It’s Personal (Reflections on a Disaster Hitting Home) *Mission Critical*, December 2012
- Co-author, “Due Diligence – What You Don’t Know Can Hurt You,” *Mission Critical*, July 2012
- “A Look at M&A and Mission-Critical Environments,” *Mission Critical*, June 2011
- Co-author, “Katrina’s Legacy Includes New Threats of Liability Litigation,” *Mission Critical*, February 2010
- “Mission Critical in Manhattan,” *Mission Critical*, May 2010
- “Reliability Funding in the Stimulus,” *Mission Critical*, April 2009
- “Mission Critical Planning for Weather Emergencies,” *Mission Critical*, September 2008

### **Power Purchase and Energy Performance Contracting**

- “Allocation of Risk in Power Purchase Agreements for On-Site Power,” *Mission Critical*, November/December, 2013
- “Energy Performance Contracts and Data Centers,” *Mission Critical*, August 2013
- “Mitigating Risk in Power Purchase Contracts,” *Energy User News*, August 2000
- “Energy Performance Contracting,” contributed to New York State Energy Research and Development Authority Publication, 1998

### **Real Estate; Metering; Real-Time Pricing; Multi-Family Apartment Buildings**



- Co-author, “Lease Requirements for Tenants with Data Centers,” *Mission Critical*, July/August 2010
- “Meeting Power Needs at Public Housing Authorities,” *Mission Critical*, July/August 2009
- “Emergency Generation in High-Rise Residential Buildings,” *Mission Critical*, November 2008
- Co-author, "Curtailed and Real Time Pricing From A Multi-Family Residential Customer's Perspective," *EnergyBiz*, February 2007
- Report on Real Time Price and Advanced Interval Metering Project, *NAESCO Journal*, May 2004
- Co-Author, "Co-operative Apartment Electric Demand Reduction and Advanced Metering," *Energy Moves*, New York Energy Buyer's Forum Newsletter, Winter 2003
- Co-Author, "End-User Electric Demand Management Should Be a National Policy Objective," *Strategic Planning for Energy and the Environment*, Summer 2003

### **Regulation**

- Co-Author, "Understanding the FERC Standard Market Design," *Energy Moves*, New York Energy Buyer's Forum Newsletter, Fall 2002
- “Deregulation,” *Energy User News*, August 1997

### **Solar**

- “Allocation of Risk in Power Purchase Agreements for On-Site Power,” *Mission Critical*, November/December, 2013
- “Solyndra and Counter-Party Risks,” *Mission Critical*, October 2011
- “Can Solar Play a Role in Mission-Critical Facilities?” *Mission Critical*, August 2011

### **Sustainability**

- “There are Risks to Being Green,” *Mission Critical*, March 2010
- “Energy Sustainability – Issues and Solutions,” *Sustainable Facility*, December, 2007

### ***News/Selected Speaking Engagements***

#### **Benchmarking**

- Panelist at CHIP – US Energy Program: Benchmarking: Complying with Local Law 84 of 2009, February 23, 2011

**Biogas**

- Presenter at World Energy Engineering Congress, Anatomy of an Animal Waste Renewable Biogas Project, October 2, 2014
- Speaker, "The Promise and Realities of Biogas Produced from Landfills and Farm Waste," World Energy Engineering Congress, Washington, D.C., November 6, 2009

**Carbon Trading**

- Presenter at GSA workshop on Carbon Trading and Renewable Energy Credits, "Meeting Energy Reduction Requirements," May 21, 2009

**Cloud Computing**

- Presenter at World Energy Engineering Congress, Impact of Cloud Computing Upon Sustainability and Data Center Energy Planning, October 12, 2011

## **Cogeneration/Alternate Energy**

- Panelist at expo program speaking on the topic “Is Cogeneration Right for Your Building?” hosted by the New York Association of Realty Managers (NYARM), October 29, 2014
- Speaker, “Energy Programs and Performance Contracting,” Globalcon, April 10, 2014
- Speaker at Energy Conference, “A Cogeneration Attorney’s Perspective,” April, 2006
- Presenter, “When Disaster Strikes On-site Cogeneration – Critical Issues Relating to Reliability and Liability,” World Engineering Congress (WEEC), September 26, 2013
- PowerGen2004: Critical Legal Issues relating to Financing, Installing and Operating Cogeneration Plans on Host Facility Sites, Orlando, Florida, December 2004
- Association of Energy Engineers: Legal Issues Relating to On-Site Cogeneration, New York City, October 2004
- Presentation to NAESCO on financing of cogeneration and energy performance contracts, New Orleans, Louisiana, November 2003

## **Data Centers**

- Presenter at World Energy Engineering Conference, “Can an Energy Efficient Data Center Be Reliable?” December, 2010
- Speaker, “Factors to Consider When Building a Greenfield Data Center,” Engineered Systems: Mission Critical webinar, March 17, 2010

## **Deregulation**

- Two presentations at 24th WEEC Atlanta, GA October 2001 on Energy “Procurement” and “Post California Deregulation.” Papers appear in “Proceedings.”
- 22nd WEEC Presentation regarding deregulation issues, Atlanta, Georgia, November 1999
- 21st WEEC member of panel, “Deregulation - Critical Issues Forum,” Atlanta, Georgia, November 1998
- New York Energy Efficiency Council moderator of panel, “Deregulation Issues,” Albany, New York, May 1998
- National Manufacturing Week Conference member of panel, “Deregulation - Are You Ready?” Chicago, Illinois, March 1998
- 20th WEEC member of panel, “Deregulation - Critical Issues Forum,” Atlanta, Georgia, November 1997.

- Presentation at International Public Works Congress and Exposition, “Deregulation – It’s Coming Your Way!” September, 1998
- Presentation regarding Impact of Legislative Proposal upon Energy Efficiency Program in New York State Schools, Albany, New York, May 1997

### **Energy Conservation**

- Speaker, “Energy Programs and Performance Contracting,” Globalcon, April 10, 2014
- Moderator, panel discussion “Energy Retrofit Financing,” New York Association of Realty Managers, September, 2012
- Participant, panel discussion “Energy Retrofit Financing, Loans, Incentives & Rebates New York Association of Realty Managers, August, 2012
- Panelist, “Implementation of Law Firm and Corporate Green Office Initiatives,” New York City Bar Association Program, New York City, April 20, 2009
- Speaker at New Democratic Dimensions event on electric power savings, May 2, 2007

### **Energy and the Environment**

- Participant in a roundtable discussion entitled “The Utility of the Future” hosted by Nick Akins, CEO of American Electric Power (AEP), and moderated by Matthew Bishop of *The Economist*, October 8, 2014
- Speaker, “Changing Times - Changing Practice: Effective Legal Strategies to Resolve New Environmental Disputes,” Pace Law School conference, New York City, November 17, 2009

### **Energy Security**

- General Services Administration Energy Security Workshop: Energy Security Summit, New York City, November 2004

### **General**

- Panelist on NYC Channel 21 interview on “Current Legal Issues,” March 2012
- Introduced InfoTech program on Energy Issues, March 2012
- Co-Chair of Conference; Critical Issues for 2004: Energy Procurement and Use, New York City, June 2004
- Participation in a WEEC panel on national energy policy, November 2003
- “Current Issues for End Users,” Presentation at GLOBALCON, Boston, Massachusetts, March 2002
- Speech, “Interruptible Power,” March, 1999

- INFOCAST - Chair of panel within program, “Regulatory, Contracting & Financing Issues for Demand-Side Management in the 1990s,” Washington, D.C., December 1993
- Presentations at many conferences and meetings of the Committee on Public Utility Law (some of which I organized) prior to 1993

## **Investment in Energy**

- Participant in a roundtable discussion entitled “The Utility of the Future” hosted by Nick Akins, CEO of American Electric Power (AEP), and moderated by Matthew Bishop of *The Economist*, October 8, 2014
- Moderator, “Investors' Perspectives on Investment Strategies for Energy Efficiency-Driven Sectors” and “Opportunities for Utility Technology Applications—Smart Grid, AMI and Energy Storage Systems for Demand Management & Response,” Energy Efficiency Summit East 2008, Washington, D.C., December 10, 2008
- Panelist, “Assessing the Opportunities for New Energy Efficiency Technology; Investors' Perspectives on Investment Strategies for Energy Efficiency-Driven Sectors,” Energy Efficiency Summit East 2008, Washington, D.C., September 10, 2008
- Speaker, “Financing CHP: Alternative Financing Approaches – Merits of Each and Related Legal Considerations,” Special Workshop, Professional Engineer Training session, New York, June 9, 2008
- Presenter at U.S. General Services Administration event on Energy Financial Incentive Programs Workshop, March 27, 2007
- “Addressing and Resolving Key Legal Issues Relating to CHP Projects in New York City,” Northeast Combined Heat and Power (CHP) Initiative general meeting, New York, December 19, 2006
- Northeast Combined Heat and Power Initiative Conference - Financing CHP Installations, Portland, Maine, May 11, 2006

## **Metering/Submetering**

- Construction Expo - Advanced interval metering and demand response, New York City, March 2006
- Presenter at Committee on Energy, NYCBA, “Legal Issues Affecting Advanced Interval Metering and Purchasing of Real-Time Priced Power by a Multi-Family Building, January 3, 2006
- CNYC Conference - Advanced interval metering and demand response, New York City, November 2005
- WEEC 2004, Advanced Interval Metering and purchasing Real-Time Priced Power by Multi-Family Buildings, Austin, Texas, September 2004
- Presentation to CNYC on advanced interval metering and demand response, New York City, November 2003

## **Power Purchase, Energy Performance and other Energy Contracts**

- Presenter, “Negotiating and Drafting Energy Purchase Contracts,” New York Association of Realty Managers Seminar (NYARM), New York City, October 2015
- Speaker, “Energy Programs and Performance Contracting,” Globalcon, April 10, 2014
- Co-Presentation to Association of Energy Engineers NYC Chapter “Legal Traps in Energy Contracts, Performance Contracting and NYC Energy Conservation Law of New York City” October 19, 2010
- Speaker, “Understanding Energy Contracts,” 29th Annual Council of New York Cooperatives & Condominiums Annual Housing Conference, New York City, November 15, 2009
- Speaker, “GREEN Language for RFPs and Agreements,” Green Committee Meeting of the New York chapter of the National Association of Purchasing Managers, New York City, September 18, 2008
- Speaker, “Spending Energy Dollars Wisely,” Council of New York Cooperatives & Condominiums Housing Conference (CNYC), New York City, November 11, 2007
- Speaker, “Contracting to Purchase Electric Energy - Legal Pitfalls,” New York Association of Realty Managers (NYARM) Real Estate Expo presentation, New York City, September 26, 2007
- Presenter at New York Association of Realty Managers, “Take Control of Your Building’s Electricity Bill,” February 28, 2007
- Insight Conference: Energy Contracts - Latest Rules and Trends in Effective Procurement and Contracting: Risk Management in Energy Procurement Contracting, Boston, Massachusetts, March 2005
- National Manufacturing Week Conference Presentation and written proceedings, “How to Negotiate with an Energy Services Company to Improve your Bottom Line,” and member of panel “Deregulation - Looking Ahead and Meeting the Challenge,” Chicago, Illinois, March 1999

### **Real Estate; Real-Time Pricing**

- Panelist at expo program speaking on the topic “Is Cogeneration Right for Your Building?” hosted by the New York Association of Realty Managers (NYARM), October 29, 2014
- Introduced and participated in panel at ASHRAE, GSA, Con Edison seminar on Energy & Water Savings for Commercial Buildings, May 22, 2012
- Moderator, “Power and Water,” panel discussion at the New York Association of Realty Managers convention, New York City, September 16, 2009
- Speaker, “Spending Energy Dollars Wisely,” CNYC 26th Annual Housing Conference, New York, November 12, 2006

- ASHRAE Annual Meeting - Impact of Energy Policy Act of '05 upon ASHRAE and its members, New York City October 2006
- Presenter at World Energy Engineering Congress, “Energy Policy Act Implications for Real Time Pricing,” September, 2006
- Presenter at General Services Administration ASHRAE event on the Energy Policy Act of 2005, May 23, 2006
- New York City Association of Realty Managers - Energy Projects in Multi-Family Dwellings and Commercial Properties, New York City, November 2005
- New York Economic Development Corporation: RTP Electricity Purchasing Demonstration Project in NYC. New York City, December 2004
- Cooperative Committee to Prevent Blackouts Legal and Tax Initiatives Relating to Cooperative Residential Apartment Building Energy Projects, New York City, September 2004
- Presentation to GLOBALCON on real-time pricing and advanced interval metering project, Boston, Massachusetts, March 2004
- Separate Presentations on (1) A Multifamily Cooperative Building Energy Management NYSERDA Pilot Project and (2) Performance Engineering in Multifamily Buildings (focus on Housing Authority buildings) and cogeneration at the New York Multifamily Conference, New York City, June 2003
- Presentation on Multifamily Advanced Interval Metering and Demand Management at Advanced Interval Metering, New York City, February 2003, Conference of the New York Energy Buyers Forum
- Presentation at CNYC conference regarding Energy Purchasing, Conserving and Financing Opportunities for New York City Cooperative Apartments: New York City, February and May 2001
- Panelist, (New NYC Energy Conservation Code”), New York Association of Realty Managers Conference New York City September 22, 2010
- Panelist, New York Association of Realty Managers' Legal Forum for Property Managers, New York City, July 28, 2010
- Moderator, “Green Buildings,” New York Association of Realty Managers program, New York City, February 24, 2009
- Speaker, “How Real Time Electricity Pricing Can Enhance the Economic Viability of Photovoltaic Installations,” 2nd Annual Green Building Conference held by the Habitat for Humanity of Westchester, New York, April 18, 2007

## **Renewables**

- Co-Presenter, Renewable Project Finance Primer, April 2, 2009
- “Current Renewable Energy and Demand Side Strategies in the United States,” Canadian Bar Association Conference, Montreal, April 27, 2007
- Co-Presenter, Renewable Energy and Sustainability Practice, “Tapping into the ‘Green’ Gold-Mine,” February 21, 2009



- Presenter at Vietnam Investment Forum, “Renewable and Distributed Generation Finance: Real Time Electricity Pricing and Curtailment,” June 20, 2007
- Co-Presenter on Renewable Power Project Finance, “Structure and Negotiation of Key Project Contracts,” December 11, 2006
- Infocast “Renewable Power Project Finance,” Tutorial, December 2006
- ABA Committee on Renewable Energy - Remarks regarding on-site generation issues, March 2006
- World Energy Engineering Congress (WEEC) 2005 - Update on DSM Programs, Austin, Texas, September 2005
- Targeted NYC DSM Collaborative Proceeding - Lessons Learned: Appropriate Form of Agreement for DG and Energy Efficient Measures, New York City, June and July 2005
- ABA Committee on Renewable Resources: Renewable Incentives, New York City, December 2004
- Presentation to WEEC on demand response technology, New York City, November 2003

### **Sectors**

- Presenter at World Energy Engineering Congress, Cogeneration in Healthcare Facilities, “A New York City Case Study,” October, 2008
- “Healthcare and Energy Savings in 2008,” Seminar Hosted by Duane Morris, New York City, December 2007

### **Solar**

- Speaker, “Energy Programs and Performance Contracting,” Globalcon, April 10, 2014
- Presenter on mylawCLE.com, “Latest Developments in Renewable Energy Financing: Structuring Solar Photovoltaic Transactions,” December 13, 2013
- Presenter at NYCBA Continuing Legal Education on Developing and Financing Solar PV Projects, March 19, 2012

### **Sustainability**

- Panelist, “Legal Implications of Sustainability” at the World Energy Engineering Congress, October 2011
- Keynote Speaker on Sustainability, Earth Day at 26 Federal Plaza, New York, April 22, 2010
- Panelist, “Opportunities and Drivers of Sustainability in Clean Tech,” Upstate Venture Association of New York’s Albany Capital Forum, Albany, New York, March 3, 2009

- Speaker, “Effectively Articulating the Sustainable Project Intent to a Lawyer,” “How to Work with a Lawyer to Transform Building, Construction and Operations Concepts into Reasonable Legal Obligations,” and “An Experienced Lawyer's Role, as a Project Team Member, to Assist in Enabling the Sustainable Project to Move from Concept to Reality,” Sustainability & Energy Efficiency Seminar, New York, May 6, 2008

### Utility Issues

- Presenter, “Understanding Interruptible Utility Gas Service Regulations and Avoiding Penalties, New York Association of Realty Managers (NYARM), February 11, 2016
- Presenter, “Understanding NY Public Service Gas Safety Red Tags,” New York Association of Realty Managers (NYARM), January 6, 2016
- Panelist discussing investigations of gas explosions and legal ramifications for utilities including penalties and contractual issues at a seminar entitled “Gas Risers & Branch Lines: Connections, Retrofits, Repairs” hosted by the New York Association of Realty Managers (NYARM), May 14, 2015
- Panelist discussing avoiding utility penalties when switching fuels from gas to oil at a seminar of heating professionals at a seminar hosted by the New York Association of Realty Managers (NYARM), March 26, 2015
- Participant in a roundtable discussion entitled “The Utility of the Future” hosted by Nick Akins, CEO of American Electric Power (AEP), and moderated by Matthew Bishop of *The Economist*, October 8, 2014
- Panelist, “Best Practices in the Administration of Gas Line Connections and Utility Gas Safety” at New York Association of Realty Managers (NYARM), New York City, April 24, 2014
- Presentations on public utility issues at Continuing Legal Education sessions, conferences and meetings of the New York State Committee on Public Utility Law, 2003 and 2001
- Power '99 Conference Member of “Virtual Utility” panel, Baltimore, Maryland, April 1999