

# ORGANIZATION OF PJM STATES, INC. (OPSI)

Annual Meeting, October 6-8, 2010

## Bios of Board Members and Panelists

**OPSI was established on May 13, 2005**, as a non-profit corporation, with the purpose of maintaining an organization of statutory regulatory agencies in the 13 states and the District of Columbia within which PJM Interconnection, LLC (PJM), a FERC-approved regional transmission operator (RTO), oversees the operation of the electric transmission grid and related services. OPSI Member Regulatory Agencies' activities include, but are not limited to, coordinating activities such as data collection, issues analyses, and policy formulation related to PJM, its operations, its market monitor, and related FERC matters, as well as their individual roles as statutory regulators within their respective state boundaries.

### **OPSI's Officers for 2010 are:**

- President – **Commissioner Jon W. McKinney** (PSC of West Virginia)
- Vice President – **Commissioner Dallas Winslow** (Delaware PSC)
- Secretary – **Commissioner Paul A. Centolella** (PUC of Ohio)
- Treasurer – **Commissioner Richard E. Morgan** (District of Columbia PSC)
- Immediate Past President – **Chairman Douglas R. M. Nazarian** (Maryland PSC)

### **OPSI's Member Regulatory Agencies and Board of Directors**

*(in alphabetical order of Member Regulatory Agency)*

**Delaware Public Service Commission: Commissioner Dallas Winslow** graduated from Dickinson College and Duquesne University School of Law. He retired after 30 years with the State of Delaware as the Chief of Legal Services at the Office of the Public Defender and is in private practice in Wilmington. He is also a retired Colonel from the Delaware National Guard. Commissioner Winslow also served in the Delaware State Senate from 1998 to 2002 as a member of the Republican Caucus from the 4th Senatorial District. While there, he served on the Senate Energy and Transit Committee, Judiciary Committee, Highways and Transportation and the Joint Finance Committee. His term will expire in May 2015.

**District of Columbia Public Service Commission: Commissioner Richard E. (Rick) Morgan** began a second four-year term on the District of Columbia Public Service Commission in July 2007. He serves on NARUC's Board of Directors and is a member of its Energy Resources and Environment Committee, and is currently chair of the Electricity Committee of the Mid-Atlantic Conference of Regulatory Utility Commissioners (MACRUC). Prior to his current position, Commissioner Morgan worked 12 years in the U.S. Environmental Protection Agency, where he focused on climate policy and emissions trading and represented EPA on energy policy matters including environmental disclosure, clean energy development, and electricity restructuring. Commissioner Morgan oversaw the development of data tools such as the eGRID database of power plant emissions and served as an EPA liaison to state public utility commissions and the Federal Energy Regulatory Commission. From 1994 through 1995, Mr. Morgan served on a detail with the U.S. Department of Energy, where he represented the federal government in electricity restructuring proceedings in California, New York, and Maryland. During his 40 years in the field of energy policy and utilities, Commissioner Morgan has authored numerous books, reports, and papers on electric power. He holds a Master of Public Policy degree from the University of Maryland and a B.A. in economics from Antioch College.

**Illinois Commerce Commission: Commissioner Lula M. Ford** was appointed to the Illinois Commerce Commission (ICC) effective January 21, 2003, and reappointed to a second term in January 2008; her term expires January 2013. She remains the first African-American woman to serve on the ICC in its 95-year history. Commissioner Ford served as an elementary schoolteacher, administrator and

principal in the Chicago Public Schools for nearly 35 years. She received the Principal of Excellence Award and Principal of the Year Award and has won accolades from President Bill Clinton and Chicago Mayor Richard M. Daley for her excellent job performance and contribution to Chicago's inner-city schools. During her tenure at the ICC, she has served as Chair of the ICC's Gas Policy Committee and in December 2007 was appointed to the U.S. Department of Transportation's Technical Pipeline Safety Standards Committee for a term ending September 30, 2010. She also serves as President of OPSI in 2008. A graduate of the University of Arkansas at Pine Bluff, Ford also holds a master's degree in urban studies from Northeastern (IL) University, and a master's degree in career education from the University of Illinois.

**Indiana Utility Regulatory Commission: Commissioner Jim D. Atterholt** was appointed on June 22, 2009, by Governor Daniels to a term expiring April 2013. Prior to joining the Commission, he was the State Insurance Commissioner for more than four years where he also served as a member of the Governor's Cabinet. Atterholt worked as Director of Government Affairs for AT&T--Indiana from 2003 – 2004. He was elected and served two terms as a member of the Indiana General Assembly from 1998 – 2002, and served on the House Commerce, Economic Development and Technology Committee, which has jurisdiction over all utility-related legislation. He also served on the Environmental Affairs Committee as well as the Labor Committee and worked as Chief of Staff in Washington D.C. and later as District Director in Indiana for a member of the United States Congress where his responsibilities included energy issues. Commissioner Atterholt received his bachelor's degree from the University of Wisconsin. He serves on the National Association of Regulatory Utility Commissioners' Committee on Gas.

**Kentucky Public Service Commission: Chairman David L. Armstrong** was appointed by Governor Steve Beshear on June 3, 2008, and his term ends on June 30, 2011. Prior to joining the Kentucky PSC, Chairman Armstrong was of counsel to the law firm Greenebaum Doll & McDonald in Louisville. Chairman Armstrong has had a lengthy career in government, beginning as Commonwealth's Attorney for the 30th Judicial District from 1976 to 1983. He served as mayor of Louisville from 1999 to 2003, Jefferson County Judge-Executive from 1989 to 1999 and Kentucky Attorney General from 1983 to 1988. Chairman Armstrong has also been a prosecutor and juvenile court judge and taught urban planning at the University of Louisville. He is a member of the Louisville and Kentucky bar associations and the Society of Attorneys General Emeritus. He is admitted to the practice of law in Kentucky and before the Supreme Court of the United States. Chairman Armstrong attended Hanover College and holds a Bachelor of Science degree in history from Murray State University. He received his law degree from the University of Louisville.

**Maryland Public Service Commission: Chairman Douglas R. M. Nazarian** was appointed Chairman by Governor Martin O'Malley effective August 16, 2008, and his term runs through June 30, 2013. He serves on the Executive Committee and Board of Directors of the National Association of Regulatory Utility Commissioners, the Board of Directors and Advisory Committee of the Organization of PJM States, Inc., and as Vice-President of the Eastern Interconnection States' Planning Council. Chairman Nazarian joined the Commission in 2007 as General Counsel after fifteen years as a litigator, the last twelve with Hogan & Hartson L.L.P., where he also served as partner in charge of the firm's Baltimore pro bono practice. He earned a B.A., cum laude, from Yale College, a J.D. with honors from the Duke University School of Law, and clerked for The Hon. James B. Loken of the United States Court of Appeals for the Eighth Circuit.

**Michigan Public Service Commission: Commissioner Greg R. White** was appointed by Governor Jennifer M. Granholm on December 4, 2009, and his term ends July 2, 2015. Prior to his appointment, Commissioner White served as the Legislative Liaison for the Michigan Public Service Commission and as Liaison for the MPSC to the Michigan Department of Energy, Labor, & Economic Growth (DELEG). Commissioner White has spent the majority of his professional career in the areas of energy and telecommunications policy and has worked in the fields of electricity

supply, nuclear issues, renewable energy development, and oil and gas development at the MPSC, the Michigan Energy Administration, and the Michigan Geological Survey. He also has held the position of Associate Director at the Institute of Public Utilities at Michigan State University. Commissioner White has provided expert testimony on matters concerning energy supply, energy utilities, nuclear power, and telecommunications before the U.S. Congress, U.S. Nuclear Regulatory Commission, the U.S. Nuclear Waste Technical Review Board, and the Michigan Legislature. He holds a bachelor of science degree from Michigan State University and a master's of public administration from Grand Valley State University. He is an honorary lifetime member of Pi Alpha Alpha, the National Honor Society for Public Administration.

**New Jersey Board of Public Utilities: President Lee A. Solomon** was appointed by Governor Christopher J. Christie on February 23, 2010. President Solomon also serves as a member of the Governor's Cabinet. Prior to his current position, President Lee served as a Judge of the Superior Court of New Jersey, sitting in Camden County. Previously, President Lee served as the Deputy United States Attorney for the Southern Vicinages of New Jersey, and was the lead the U.S. Attorney's Offices in Camden and Trenton, managing a staff of forty-seven Assistant U.S. Attorneys and support personnel, which handled approximately 950 cases per year. President Lee previously served in the New Jersey General Assembly and was a member of the Camden County Board of Chosen Freeholders. Lee received his law degree (J.D.) from Widener University School of Law, where he served as an External Articles Editor and member of the Delaware Journal of Corporate Law. He completed his undergraduate studies at Muhlenberg College in Allentown, Pennsylvania, where he received his Bachelor of Science degree while majoring in English and Natural Sciences.

**North Carolina Utilities Commission: Chairman Edward S. Finley, Jr.,** was appointed by Governor Easley the Commission on January 23, 2007 to fill a term that expires June 30, 2011, and was appointed Chairman April 10, 2007. 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. Chairman Finley 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's School of Law.

**Public Utilities Commission of Ohio: Commissioner Paul A. Centolella** was appointed to the Commission by Gov. Ted Strickland in 2007. From 1992 to 2007, Commissioner Centolella was a Senior Economist in the Energy Solutions Group of Science Applications International Corporation (SAIC). In this capacity, he managed projects involving energy and environmental market design, electric power system operations, and economic policy analysis. These projects included leading market design studies for the Midwest Independent Transmission System Operator (MISO), advising the U.S. Department of Energy on electric industry restructuring, and identifying improvements in power system operations and client business processes. Prior to working at SAIC, Commissioner Centolella served as the Senior Energy Policy Advisor and a Senior Utility Attorney for the Office of the Ohio Consumers' Counsel (OCC) from 1982 to 1992. While at OCC, he helped develop market-based approaches to environmental regulation, which accelerated emission reductions and reduced the costs of the 1990 Clean Air Act Amendments. He also has worked for the Ohio State Legal Services Association and practiced law in California and Washington. Commissioner Centolella has had numerous books and articles published on public utilities regulation, electricity markets, and environmental policy. Commissioner Centolella earned a bachelor's degree with honors in economics from Oberlin College and his J.D. from the University of Michigan Law School. He has completed post-graduate and executive education programs through the Harvard Business School and the Institute for Strategic Management. Commissioner Centolella is a member of the Ohio State Bar Association, the California Bar Association, the Washington State Bar Association, the American Economic Association, and the International Association for Energy Economics.

**Pennsylvania Public Utility Commission: Vice Chairman Tyrone Christy** was nominated to serve on the Pennsylvania Public Utility Commission by Governor Edward G. Rendell, and was confirmed by the Senate of Pennsylvania in June 27, 2007. Vice Chairman Christy returned to the Commission, having started his career here in the mid-1980s. At that time, he had a primary role in the development and management of the Commission's independent power program, under which over 2,000 megawatt (MW) of alternative generation was placed into commercial operation throughout the Commonwealth. Since leaving the Commission in 1987, Vice Chairman Christy's experience ranged from working as a private developer of independent power plants such as a 30 MW waste coal plant in Clarion County to working as a consultant for the Electric Power Research Institute on demand side management programs through his affiliation with the Battelle Memorial Institute in Columbus, Ohio. Vice Chairman Christy also managed the development and structuring of a number of power generation and energy outsourcing arrangements with industrial and commercial customers. In the 20 years since first working at the Commission, Vice Chairman Christy served in executive positions with various private and public companies, as well as regulated utilities and unregulated utility affiliates. He also served as the Treasurer of the Pennsylvania Energy Development Authority from 2004 until 2007 and is currently the Commission's Board representative. He is a graduate of Grove City College with a degree in Chemical Engineering and his term expires March 31, 2011.

**Tennessee Regulatory Authority: Chairman Mary W. Freeman** was elected by her fellow Directors (Commissioners) to serve as Chairman of the Tennessee Regulatory Authority (TRA) on June 21, 2010. A joint appointment of Governor Phil Bredesen, Lieutenant Governor Ron Ramsey and Speaker of the House Jimmy Naifeh, Chairman Freeman began her three-year term as a Director (Commissioner) on July 1, 2008. With her appointment, she became the first African-American woman to serve as Director of the TRA. Chairman Freeman has over fifteen years of legislative and policy experience in state government. Prior to her appointment to the TRA, she served as legislative director for Governor Phil Bredesen where she assisted the Governor and the Senior Policy Advisor for Legislative Affairs in developing the Administration's legislative agenda. Chairman Freeman served as executive assistant to State Representative Lois DeBerry, Speaker Pro Tempore of the Tennessee House of Representatives prior to joining the Bredesen Administration. She holds a bachelor's degree in Speech Communications from Tennessee State University.

**Virginia State Corporation Commission: Commissioner Mark C. Christie** was educated at Wake Forest University and the Georgetown University Law Center. He was elected to the State Corporation Commission by the General Assembly in 2004 and was re-elected to a second six-year term in 2010. In 2007, he was elected and served as president of the Organization of PJM States (OPSI) and also served as president of the Mid-Atlantic Conference of Regulatory Commissioners (MACRUC) from 2009-10. He is on the adjunct faculties at the University of Virginia's School of Law and at Virginia Commonwealth University. From 1997-2003, he was a member of the Virginia Board of Education serving as its president from 2002-2003, and was chief legal counsel and director of policy for the Governor of Virginia from 1996-98. Prior to government service, he was in the private practice of law. Commissioner Christie is a former officer in the U.S. Marine Corps.

**Public Service Commission of West Virginia: Commissioner Jon W. McKinney** was appointed to a six year term as Commissioner in August 2005. Previously, he served as plant manager of Flexsys' Nitro operations. Prior to his last assignment, he has had numerous assignments in manufacturing, R&D, and marketing with Monsanto Company in locations throughout the U.S. He is currently on the Chair of the National Association of Regulatory Utility Commissioners (NARUC) Clean Coal Subcommittee, President of OPSI., and on the Board of Directors of NARUC, the Mid-Atlantic Conference of Regulatory Utilities Commissioners and the Eastern Interconnection Planning Council's Stakeholder Steering Committee. He is a graduate of the University of Kentucky, where he earned a bachelor's degree in chemical engineering, and the University of West Florida, where he earned his master's degree in business administration.

## **Bios of Panelists**

**Lisa M. Barton** is Vice President - Transmission Strategy and Business Development for American Electric Power (AEP) and is responsible for developing and executing transmission strategy and business plans for AEP. Her responsibilities include business development, financial planning and analysis, transmission planning (ERCOT, SPP and PJM), and advanced studies/technology for AEP. She serves as president of Electric Transmission America (ETA), a joint venture between AEP and MidAmerican Energy Holding Company. Lisa joined AEP from Northeast Utilities in Berlin, Connecticut and has over twenty years of experience in the energy field. Lisa earned a bachelor's degree in electric engineering in 1987 from Worcester Polytechnic Institute in Worcester, Massachusetts and a Juris Doctorate degree in 1993 from Suffolk University Law School in Boston, Massachusetts.

**Dr. Joseph Bowring** is the President of Monitoring Analytics. Since 1999, Dr. Bowring has been the Independent Market Monitor for PJM, responsible for all market monitoring activities of PJM Interconnection. He has extensive experience in applied energy and regulatory economics. Dr. Bowring is frequently called upon to testify before state and federal regulators, and is well recognized in the area of energy economics. Dr. Bowring has taught economics as a member of the faculty at Bucknell University and Villanova University. He has served as senior staff economist for the New Jersey Board of Public Utilities and as Chief Economist for the New Jersey Department of the Public Advocate's Division of Rate Counsel. Dr. Bowring has also worked as an independent consulting economist and has a PhD in Economics from the University of Massachusetts.

**Stefanie A. Brand** is the director of the Division of Rate Counsel. The Division of Rate Counsel represents the interests of consumers of regulated electric, natural gas, water/sewer, telecommunications, cable TV service, and insurance (residential, small business, commercial and industrial customers). Rate Counsel's mission is to make sure that all classes of utility consumers receive safe, adequate and proper utility service at affordable rates that are just and nondiscriminatory. Rate Counsel is a member of several state utility policy making groups and also represents consumers in setting energy and telecommunications policy that will affect the provision of services into the future. Stefanie brings more than 20 years of legal experience to the Division. She has spent 15 years advocating on behalf of the people of New Jersey. Prior to joining Rate Counsel, Stefanie was the Assistant Attorney General in Charge of Litigation for the Division of Law within the Department of Law and Public Safety. In this position she oversaw all civil litigation for the state.

**Frederick S. "Stu" Bresler**, vice president of Market Operations and Demand Resources at PJM Interconnection, is responsible for Forward and Real-Time Market Operations, the Financial Transmission Rights Markets, Market Settlements, the development and support of the technical systems utilized in markets and operations, and the coordination of Demand Response implementation across Planning, Operations and Markets. Mr. Bresler has been involved with the development and implementation of markets for ancillary services, including the PJM Regulation Market implemented in June 2000 and the Spinning Reserves Market in December 2002. Mr. Bresler also has been responsible for the development and implementation of programs designed to incorporate demand-side resources into PJM markets and operations, as well as the systems development necessary to support the expansion of PJM's markets and the coordination of those markets with those of surrounding regional transmission organizations. Mr. Bresler earned a bachelor of science in electrical engineering and an MBA from The Pennsylvania State University.

**Susan Bruce** is a member of McNeese Wallace & Nurick LLC's Energy, Communications, and Utility Law Group. Her practice focuses mainly on representing commercial and industrial customers in their electricity and natural gas procurements. In this respect, Susan has extensive experience before state regulatory agencies, legislatures and appellate courts as well as the Federal Energy Regulatory Commission regarding the terms and conditions of utility service, particularly in competitive electric

and natural gas markets. She also actively participates on behalf of clients in wholesale energy market stakeholder processes. As part of her practice, Susan advises clients regarding energy and natural gas supply options, including Requests for Proposals for energy service, negotiating retail and wholesale energy contracts, creation of energy services affiliates, and building on-site generation. Ms. Bruce earned her A.B. from Duke University and her J.D. from College of William & Mary.

**Bruce Burcat** is an attorney with over twenty years experience in the utility and energy regulatory fields. He is responsible for the Mid-Atlantic Renewable Energy Coalition's (MAREC) efforts to promote the growth and development of renewable energy in nine jurisdictions: New Jersey, Pennsylvania, Ohio, Maryland, Virginia, Delaware, West Virginia, North Carolina and the District of Columbia. Mr. Burcat joined MAREC as its Executive Director after serving for nearly fifteen years as the Executive Director of the Delaware Public Service Commission. In that capacity he was involved in all facets of utility regulation, including the restructuring of Delaware's electricity market and the reintroduction of integrated resource planning for Delaware's major electric utility. Prior to coming to the Delaware Commission, Mr. Burcat was an attorney for the New Jersey Division of the Ratepayer Advocate and served as a Senior Rate Attorney for General Waterworks Management and Service Company. Mr. Burcat is a graduate of the University of Delaware. He received his Law Degree from Rutgers University School of Law – Camden and a Masters in Law (LLM) in Taxation from the Villanova University School of Law.

**Commissioner John T. Colgan** was appointed by Governor Pat Quinn to the Illinois Commerce Commission (ICC) effective November 15, 2009, and reappointed in January 2010 to a term expiring in 2015. Commissioner Colgan comes to the ICC with more than 30 years experience in community organizing, consumer advocacy and administration. He served for over 11 years as the founding executive director of the Illinois Hunger Coalition, prior to accepting a position with the Illinois Association of Community Action Agencies (IACAA) in 2000. At IACAA, he worked on a large portfolio of public policy issues including a focused attention on affordable energy for low-income Illinoisans. In 2004, Colgan co-authored the Affordable Energy Plan, which was used as the basis for the creation and passage of the Illinois Percentage of Income Payment Plan (PIPP), which Governor Quinn signed into law on July 10, 2009 (Public Act 096-0033). The PIPP helps low-income families, seniors and other fixed-income households pay their home energy bills by modernizing the Illinois Low Income Home Energy Assistance Program (LIHEAP). Previously, he also served as Program Director at the Peoria County Community Action Agency (1981-1989). He received his undergraduate degree in government from Southern Illinois University and an MA in political science (with honors) from the University of Illinois.

**Reem Fahey** is Vice President of Market Policy for Edison Mission Marketing and Trading, a subsidiary of Edison Mission Group. She is based in Chicago. Fahey's primary responsibility is the development and functioning of Regional Transmission Organizations (RTOs) and competitive markets to preserve and enhance the value of EMG's assets. She represents EMG before the Federal Energy Regulatory Commission (FERC), state regulatory commissions, and various RTOs around the country where EMG operates fossil-fuel generation and wind energy projects, including the PJM (Pennsylvania-Jersey-Maryland) Regional Transmission Organization, the Midwest Independent System Operator, the California Independent System Operator, the New York Independent System Operator, and the Electric Reliability Council of Texas. She serves on the board of the PJM Power Providers (P3). Prior to joining EMG in 1999, Fahey worked for Commonwealth Edison in Chicago for 10 years. At ComEd, she held progressively responsible positions in a variety of departments, including Transmission Planning, Generation Planning, Wholesale Energy Marketing and Bulk Power Operations. Fahey's earlier experience also included a position as a transmission system analyst for the Jordanian Electricity Authority in Amman, Jordan. Fahey holds a bachelor of science degree in Electrical Engineering from the University of Jordan and a Master's degree in Power Engineering from Rensselaer Polytechnic Institute of Troy/New York.

**Dr. Howard Haas** is the Chief Economist of Monitoring Analytics, and has been the Deputy Market Monitor at PJM Interconnection since 2004, where he has been responsible for directing analysis and monitoring of PJM markets. Prior to joining PJM, Dr. Haas served as a senior economist in the energy policy section of the Illinois Commerce Commission. Prior to that, Dr. Haas was a visiting professor at Michigan State University, an economic analyst with the Michigan State Department of Resource Development and an independent consultant. Dr. Haas has a PhD in Economics from Michigan State University.

**Steven R. Herling** is Vice President of Planning at PJM Interconnection. He is responsible for the oversight of the System Planning Division which includes Transmission Planning, Interregional Planning, Interconnection Projects, Interconnection Analysis, and Resource Adequacy Planning. Mr. Herling has been involved extensively in the development of PJM's regional transmission expansion planning process and resource adequacy planning process. Recently, he has been actively involved in the development of a number of new backbone transmission projects on the PJM system as well as efforts to enhance coordination of planning activities across ISO/RTO boundaries. Prior to joining PJM, Mr. Herling worked for the General Public Utilities Service Corporation in systems operations and the American Electric Power Service Corporation in bulk transmission planning. Mr. Herling earned a bachelor of science degree in electric power engineering and a master of engineering degree in electric power engineering, both from Rensselaer Polytechnic Institute. He is a licensed professional engineer in the state of Ohio.

**Kim Jones** has been on the staff of the NC Utilities Commission for three years, where she is an electric utility analyst. Previous to that, she spent 27 years with Northern States Power Co. (NSP), which is headquartered in Minneapolis. [In 2000, NSP merged with Public Service Co. of Colorado (Denver) and Southwestern Public Service (Amarillo) to form Xcel Energy.] Kim held positions in various parts of the utility, including communications, legislative and regulatory relations, commercial and industrial customer relations, and transmission tariffs and customer service. She managed the energy accounting and transmission billing functions during NSP's transition to MISO operations. She participated in a failed independent transmission company business development effort called TransLink. And she was responsible for generation interconnection agreements. Kim has a bachelor's degree in journalism and a master's degree in business administration.

**Joe Kelliher** is Executive Vice President – Federal Regulatory Affairs of NextEra Energy, Inc. In this role, Mr. Kelliher is responsible for managing federal regulatory matters for NextEra Energy and its principal subsidiaries, NextEra Energy Resources and Florida Power & Light Company. He has spent his entire professional career working on energy policy matters, serving in a variety of roles in both the public and private sectors. Prior to joining NextEra Energy, he served as Chairman of the Federal Energy Regulatory Commission (FERC) from 2005 to 2009 and as a Commissioner from 2003 to 2005. He has also served as senior policy advisor to the Secretary of Energy, majority counsel to the House Commerce Committee, and has held positions with private corporations, trade associations and law firms. In 2010, the U.S. Department of Energy (DOE) named Mr. Kelliher a member of its Electricity Advisory Committee. The Committee will advise DOE on a wide range of policy and technical issues including smart grid, renewables, transmission matters and emerging issues. Mr. Kelliher earned a Bachelor of Science degree from Georgetown University, School of Foreign Service, and a Juris Doctor degree, magna cum laude, from The American University Washington College of Law.

**Michael J. Kormos**, PJM senior vice president of Operations, is responsible for all services that touch reliability, including System Operations, System Planning, Information and Technology Services, Security and Regional Coordination. Previously, Mr. Kormos was the vice president of System Operations and has served in various management and engineering positions in the Operations Division. He was responsible for the oversight of the day-to-day operations and implementation of Locational Marginal Pricing and the new market structures. Mr. Kormos currently sits on the Board

of Directors for the Reliability *First* Corporation (RFC), the Executive Committee of the Eastern Interconnection Planning Collaborative (EIPC) and the Industry Leaders Council for the Consortium for Electric Reliability Technology Solutions (CERTS). Mr. Kormos earned a bachelor of science in electrical engineering from Drexel University and a master of business administration from Villanova University.

**Tamara L. Linde** was named vice president - regulatory of PSEG in December 2006. She is responsible for the federal and state regulatory matters of the PSEG companies. Additionally, Tamara manages the corporate and environmental groups within the PSEG law department. Ms. Linde joined the law department of Public Service Electric and Gas Company (PSE&G), as an attorney in 1990 handling a variety of natural gas and electric regulatory and transactional matters. After holding several other legal positions at PSE&G she became general solicitor, in 2000. In that position she was responsible for the regulatory affairs of the PSEG companies including electric, gas and nuclear matters. She has had significant experience working on regulatory matters before various state and federal regulatory agencies on industry issues relating to electric transmission and distribution and energy markets. Ms. Linde is a member of the New Jersey, New York, Texas and District of Columbia bars and served as chair of the Energy Bar Association Electricity Regulation and Compliance Committee during the 2009-2010 term. Ms. Linde graduated from Seton Hall University School of Law and from Seton Hall University with a bachelor's degree. She currently serves on PSEG's Compliance Council, PSEG's Disclosure Committee and PSE&G's Real Property Committee.

**Steven T. Naumann** is Vice President – Wholesale Market Development at Exelon Corporation. In addition to his responsibilities for development of markets nationwide, he is one of a team of Exelon executives involved in development of RTO policy, including integration of ComEd into PJM. Mr. Naumann joined Commonwealth Edison Co. following service as an officer in the United States Air Force. During his over 35 years at Exelon and Commonwealth Edison, Mr. Naumann has held a number of engineering, managerial and executive positions responsible for the planning, operation, and security of the electric delivery system. Prior to assuming his current position, Mr. Naumann was Vice President – Transmission Services for ComEd. He has participated on a number of committees, working groups and task forces of the North American Electric Reliability Corporation (NERC) and the Mid-America Interconnected Network Regional Reliability Council (MAIN), including serving as Vice Chairman of MAIN from 2004-2005. Mr. Naumann has served on NERC Member Representatives Committee as a representative of the Investor Owned Utilities and later served as Vice Chairman and Chairman. He has testified before Congress, the Federal Energy Regulatory Commission, the Illinois Commerce Commission and the Public Service Commission of Wisconsin. Mr. Naumann received a Bachelor of Science degree in Electric Power Engineering in 1971 and a Master of Engineering degree in Electric Power Engineering in 1972, both from Rensselaer Polytechnic Institute in Troy, New York. He later received a J.D. degree from Chicago-Kent College of Law in 1988. Mr. Naumann is a Registered Professional Engineer in the State of Illinois and is licensed to practice law in Illinois.

**Andrew L. Ott** is senior vice president of Markets for PJM Interconnection. Mr. Ott has been with PJM for 14 years and is responsible for executive oversight of PJM's Market Operations, Market Strategy, Member Training, State Relations, Customer Relations and Performance Compliance divisions. He was responsible for implementation of PJM's wholesale electricity markets including the PJM Locational Marginal Pricing, Financial Transmission Rights, Day-Ahead Energy Market and Capacity Market systems. Mr. Ott serves on the board of directors on the Wholesale Electricity Quadrant of the North American Energy Standards Board. He serves as the US representative and working group chair for the CIGRE (International Council on Large Electric Systems) C5 Study Committee on Electricity Markets and Regulation. Prior to joining PJM, Mr. Ott was employed by GPU for 13 years in transmission planning and operations. Mr. Ott received a Bachelor of Science in

Electrical Engineering from Pennsylvania State University. He also received a Master of Science in Applied Statistics from Villanova University.

**Marjorie R. Philips** (Marji) is the Managing Director – Market Development, PSEG Energy Resources & Trade LLC (ERT). She has regulatory oversight responsibilities to manage 15,000 mws of generating assets (approximately a \$1.1 billion business in earnings) located in New England, New York, Texas and the PJM electricity markets, and on behalf of ER&T and PSEG Power helps direct federal and state regulatory and legislative initiatives impacting wholesale electric markets. She has participated in numerous energy forums sponsored by a variety of sponsors, including the Federal Energy Regulatory Commission, the PA Public Utility Commission, the Maryland State House of Representatives, the Mid-Atlantic Commission of Regulatory Utility Commissioners, Electricity Consumers Resource Counsel, the California Public Utilities Commission, and Platts. Ms. Philips previously worked for Constellation Commodities Group, PSEG Energy Resources & Trade, LLC., and Williams Energy. Prior to moving to the business side of the business, she practiced law with PECO Energy Company – Power Team, which became part of the Exelon companies, LG&E Power Inc., Skadden, Arps, Slate, Meagher & Flom, and Morgan Lewis, advising clients on transactional and federal and state regulatory matters related to wholesale power markets and independent power projects. She has an undergraduate degree from McGill University, a Masters in International Affairs from Columbia University, and a law degree from Fordham University School of Law. She is a past President of the Northeast Chapter of the Energy Bar Association and served as a member of the NERC stakeholder board.

**Ken Schisler** is Senior Director of Regulatory Affairs for EnerNOC, Inc., a clean technology energy solutions company with a major focus on demand response and energy efficiency. He oversees EnerNOC's FERC activities, as well as state regulatory and RTO/ISO activities for eastern North America. Prior to EnerNOC, he served as Chairman of the Maryland Public Service Commission. He also served as a elected member of the Maryland House of Delegates, including serving as Minority Whip, and an attorney in private practice. Mr. Schisler earned a B.S. in Biology and Chemistry from Salisbury State University, Salisbury, Maryland, and a J.D. from the University of Maryland School of Law.

**Chairman Alan R. Schriber** was appointed chairman by Gov. Bob Taft in 1999, and reappointed by Governor Taft in 2004 and Gov. Ted Strickland in 2007 and 2009. Previously, Chairman Schriber also served as a PUC commissioner from 1983-1989 as appointed by Gov. Richard F. Celeste. Additionally, Chairman Schriber is the chairman of the Ohio Power Siting Board that reviews, evaluates, and approves the siting of electric generation plants and electric and natural gas transmission lines. He was appointed by Gov. Taft to the state of Ohio Security Task Force, and was a member of the United States-Canada Power Outage Task Force that investigated the causes behind the August 2003 blackout. Chairman Schriber regularly testifies before the Ohio General Assembly on various utility issues and legislation. He has also testified before the United States Congress on energy issues. He was an assistant professor of economics at Miami University, Oxford, Ohio, from 1977-1983, owner and president of ARES Broadcasting Corp., in Cincinnati from 1989-1997, and served as a personal investments manager from 1997-1999. Chairman Schriber earned a B.S. in economics from the University of Wisconsin, Madison, a M.S. in economics from Miami University, Oxford, and a doctorate in economics from Indiana University, Bloomington.

**Chris Thomas** is the Policy Director for the Illinois Citizens Utility Board (CUB), an organization that has been referred to as the “gold standard for utility consumer advocacy nationwide.” Mr. Thomas is an accomplished energy system economist with proven achievement in finding collaborative solutions for complex technical problems. He is responsible for developing consumer driven policy initiatives and has helped to shape Cub's role as a proactive consumer advocate working to realize real quantifiable benefits for consumers. Mr. Thomas is helping CUB to develop a comprehensive vision for bringing the benefits of a modern grid to customers. His experience includes evaluating

legislative and regulatory proposals, negotiating and litigating solutions for complex technical issues, and advocating for full inclusion of demand side resources into the energy supply portfolio through legislative, regulatory, policy, and technical channels. New business models for demand side initiatives are critical to consumer benefits in the restructured electricity system, and Mr. Thomas is working with a number of key players to help develop commercial and regulatory solutions that encourage the development of sustainable business models for demand response and energy efficiency.

**James F. Wilson** has over 25 years of consulting experience, primarily in the electric power and natural gas industries. Many of his assignments have pertained to the economic and policy issues arising from the interplay of competition and regulation in these industries, including restructuring policies, market design, and market power issues. Other recent engagements have involved resource adequacy and capacity market issues, contract litigation and damages, forecasting and market evaluation, pipeline rate cases, and evaluating allegations of market manipulation. Mr. Wilson has been involved in electricity restructuring and wholesale market design for over twenty years in PJM, New England, Ontario, California, Russia, and other regions. Prior to founding Wilson Energy Economics, Mr. Wilson was a Principal at LEG, LLC, and he remains an Affiliate of LEG. He has also worked for IF Resources, Decision Focus Inc., and as an independent consultant. He also spent five years in Russia advising on the reform, restructuring and development of the Russian electricity and natural gas industries for the World Bank and other clients. He holds a B.A. in Mathematics from Oberlin College and an M.S. in Engineering-Economic Systems from Stanford University. Mr. Wilson has submitted affidavits and testified in Federal Energy Regulatory Commission and state regulatory proceedings. His papers have appeared in the *Energy Journal*, *Electricity Journal*, *Public Utilities Fortnightly* and other publications.

**Sam Wolfe** is the Director of Legal & Regulatory Affairs for Viridity Energy, Inc. Previously, Sam served as Chief Counsel for the New Jersey Board of Public Utilities, where he wrote portions of the State's Energy Master Plan concerning electric generation, led an effort in which NJ electric and gas utilities made \$250 million in energy efficiency investments, helped bring energy efficiency into the PJM capacity market, and wrote regulations to transition New Jersey's solar program from rebates to market-based incentives. Sam has also served as Assistant Commissioner of the New Jersey Department of Environmental Protection, overseeing the Deep's air quality, water quality, and environmental safety and health programs; and as Environmental Policy Manager for PSEG Services Corporation. Sam holds a B.A. from Cornell University and a J.D. from the University of North Carolina at Chapel Hill.