

MISO Grid 2033: Preparing for the Future

Panelist and Participant Biographies



JIM ALEXANDER joined the St. Louis Regional Chamber in April 2003. He is responsible for the design and successful execution of the Chamber's economic development strategy encompassing the 15-county, bi-state St. Louis region. He and his team work closely with clients, business and civic leaders and economic development professionals throughout the St. Louis region, nationally and globally to increase economic prosperity in focused industry clusters: financial services, health, logistics and biosciences.

Jim's unique economic development experience spans 30 years and includes leadership positions with Praxair Electronics, PricewaterhouseCoopers and Centerior Energy. His professional career includes leading diverse and collaborative teams resulting in successful transactions involving companies from North America, Europe and Asia.

Jim is an active member of the Industrial Asset Management Council, the International Economic Development Council and serves on the board of directors of the Hawthorn Foundation, the Midwest Cargo Hub Commission, the City of St. Louis Workforce Development Board, the World Affairs Council of St. Louis, the Japan America Society of St. Louis and the Missouri Partnership Advisory Council.

Jim received his bachelor's degree in Communications from Ohio University in Athens, Ohio and received his master's degree in Business Administration from Lake Erie College in Painesville, Ohio. He is also a graduate of the Economic Development Institute at the University of Oklahoma.



KENNETH W. ANDERSON, JR. served on the Public Utility Commission of Texas from September 2008 until November 15th , 2017.

Commissioner Anderson was the Texas representative and a past President of the Entergy Regional State Committee and represented it on the Advisory Committee to the Board of Directors of the Midcontinent Independent System Operator, Inc. from 2014 through 2016 and is the Texas member of the Board of Directors of the Organization of MISO States. He was appointed by NARUC to the Advisory Counsel of the Electric Power Research Institute and completed his term in August 2017. Commissioner Anderson served as an *ex officio* member of the Texas Reliability Entity's Board of Directors from May 2012 until January 2015.

An attorney with more than 30 years' experience in private practice (corporate and securities law and other regulatory and administrative legal matters) and public service, he previously served as Deputy Director and Director of Governmental Appointments for Texas Governors Bill Clements and Rick Perry, respectively. He served as a member of the Texas State Securities Board for more than seven years having been appointed by then Governor George Bush.

Commissioner Anderson received a bachelor's degree in international affairs from the School of Foreign Service at Georgetown University and a law degree from Southern Methodist University.



WARNER BAXTER is chairman, president and chief executive officer of St. Louis-based Ameren Corporation, parent company of rate-regulated energy companies that serve more than 2.4 million electric and 900,000 natural gas customers in Illinois and Missouri. The company, which also develops regional electric transmission projects, had 2015 revenues in excess of \$6 billion.

During his more than 20-year tenure at Ameren, Baxter has also served in a variety of leadership roles, including chief financial officer and president of Ameren Missouri.

Before joining Ameren in 1995, Baxter served as senior manager in PricewaterhouseCooper's LLP national office in New York City, serving as one of the firm's liaisons with the major accounting standard setting bodies in the United States. From 1983 to 1993, Baxter worked in the firm's St. Louis office, where he provided auditing and consulting services to clients in a variety of industries, including the energy industry.

Baxter earned a bachelor of science degree in accounting from the University of Missouri–St. Louis and has made meaningful and long-lasting contributions to higher education through his involvement with the University of Missouri System. He is a

member of the University of Missouri–St. Louis Chancellors Council and serves on the University of Missouri 100 Board.

Today, Baxter sits on several industry boards including the Edison Electric Institute; he is chair of the Electric Power Research Institute and serves on the management committee of The Edison Foundation's Institute for Electric Innovation. He is board chair of the St. Louis Regional Chamber and sits on the executive committee of Civic Progress St. Louis. Baxter also serves on the board of U.S. Bancorp. Additional boards he serves include Barnes Jewish Hospital and The Muny.

He also is actively involved with several charitable organizations, including serving as a member of the board of directors at Variety the Children's Charity of St. Louis, council member of the American Cancer Society's Coaches vs. Cancer National Board and as chair of the St. Louis Chapter of CEOs Against Cancer of Missouri.

A native of St. Louis, Warner and his wife, Cindy, have four children.



JOHN R. BEAR joined MISO in 2004 and has more than 25 years of executive leadership in the utility industry. As President and Chief Executive Officer of MISO since January 2009, he leads MISO's continuous efforts to work collaboratively and transparently with its members to reliably deliver low-cost energy through efficient, innovative, operations and planning.

Prior to his current position, Bear was MISO's President and Chief Operating Officer, overseeing the initial design, implementation and daily operation of MISO's energy markets and transmission system planning.

Previously, Bear was President of Houston-based Reliant Resources where he directed all operations and commercial activity for 14,000 megawatts of generation as well as serving as Managing Director of Reliant's European Operations.

He is currently an Advisory Board Member of the Energy Systems Network (ESN), an initiative focused on bringing "clean technology" solutions to market.

Bear is also a member of the Governance Board of the Ohio, Kentucky and Indiana Chapter of the Make-A-Wish Foundation and served as vice-chair of the Indiana Regional Board in 2009 and 2010.

Previously, Bear served as the 2010 President of the GO15, the world's largest power grid operators and was the 2011 Vice President. The GO15 shares knowledge on key issues representing more than 75 percent of the world's electricity demand and 3.4 billion customers on 6 continents.

He is a former Board member of NERC regional entity ReliabilityFirst, and a founding board member of the Amsterdam Power Exchange (APX).

Bear graduated from Southern Methodist University with a Master of Business Administration degree and a Bachelor of Business Administration degree. He attended the INSEAD Advanced Management Program for Senior Executives in 2009.



AAKASH CHANDARANA is the Regional Vice President of Rates and Regulatory Affairs–Minnesota. He is responsible for Xcel Energy’s regulatory filings with the utility commissions in Minnesota, North Dakota and South Dakota, including rate, resource acquisition and service quality filings.

Chandarana joined Xcel Energy in 2013 as a Lead Assistant General Counsel. As the Lead AGC, Chandarana was responsible for Xcel Energy’s state public utility law and power purchase agreement issues for operations in Minnesota, North Dakota, South Dakota and Wisconsin. He represented Xcel Energy in regulatory proceedings before the Minnesota Public Utilities Commission and handled most issues related to rate cases, renewable energy and long term power purchase projects and supported retail product and programs, including conservation improvement programs.

Prior to joining Xcel Energy, Chandarana was a partner at the law firm of Briggs and Morgan. He began his practice in securities litigation and telecommunications regulation. He then spent several years representing utilities in federal and state regulatory matters in Minnesota, North Dakota, Colorado and New Mexico, and the FERC. Chandarana has appeared before the Minnesota Public Utilities Commission, the Minnesota Court of Appeals, state and federal district courts in Minnesota, and the FERC.

He received his Bachelor of Arts degree in biology and business management in 1999 from Washington University in St. Louis and earned his law degree from Washington University in 2005. Prior to law school, Chandarana spent three years working for U.S. Bank and Piper Jaffrey.



TONY CLARK is a Senior Advisor at Wilkinson Barker Knauer, LLP. He provides clients with analysis and strategic advice on a variety regulatory and public policy matters affecting their businesses. He specializes in working with clients in the energy and telecommunications industries and at the nexus of state and federal jurisdictional issues.

Mr. Clark served from 2012 to 2016 as a Commissioner of the Federal Energy Regulatory Commission. From 2001 to 2012 he was a Commissioner of the North Dakota Public Service Commission, including over 5 years as its Chairman. He is a former President of the National Association of Regulatory Utility Commissioners. From

1999 to 2000, Mr. Clark was Labor Commissioner of the State of North Dakota, serving in the Cabinet of Gov. Ed Schafer. In 1994 he was one of the youngest people ever elected to the North Dakota legislature, representing a portion of the City of Fargo for two terms in the State House of Representatives. He holds bachelors' degrees from North Dakota State University and an MPA from the University of North Dakota. In addition to his work at Wilkinson Barker Knauer, Mr. Clark serves as a member of the Board of Directors of NorthWestern Energy Corporation.



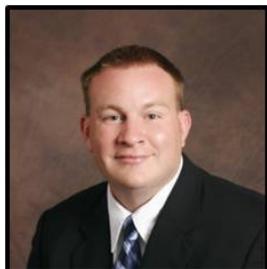
MAIDA COLEMAN Former Senator Maida Coleman was appointed to the Missouri Public Service Commission by Governor Jay Nixon, in August 2015.

Commissioner Coleman serves as Chair of the Consumers and the Public Interest Committee and member of the Telecommunications and Supplier and Workforce Diversity Committees of the National Association of Regulatory Utility Commissioners.

Commissioner Coleman regularly moderates and speaks for numerous energy regulatory events. Commissioner Coleman also facilitated a workshop for the United States Agency for International Development (USAID) Ethiopia Energy Regulatory Partnership. Commissioner Coleman is a guest columnist for the *St. Louis County Community News*.

Prior to her appointment, Commissioner Coleman was the Director of the Missouri Office of Community Engagement. From 2001 until 2009, Commissioner Coleman served as a State Representative and State Senator from St. Louis.

Commissioner Coleman has a B.A. in Journalism from Lincoln University in Jefferson City and was awarded a Doctor of Humane Letters Degree from Harris-Stowe State University in St. Louis in 2008.



JIM COLLINS is responsible for the development and execution of Microsoft's data center energy strategy and sourcing activities for its North and South America sites. These data centers provide the foundational cloud infrastructure for over 200 Microsoft online and cloud services for consumers and businesses worldwide. As part of the Energy Team at Microsoft, his responsibilities include oversight of energy supply agreements, regulatory strategy development and establishment of strategic partnerships to ensure

reliable power supply. Jim joined Microsoft in 2012 after 12 years in the energy industry where he worked as a Principal Consultant at Brubaker & Associates, assisting Fortune 500 companies and government entities with energy procurement, regulatory policy and sustainability matters. Jim holds an MBA and Bachelor of Science in Finance from the University of Missouri.



JENNIFER CURRAN leads the company's ongoing efforts to ensure wholesale market participants and, ultimately, energy consumers, benefit from MISO's regional coordination of short and long-term system planning. Her responsibilities in that area include oversight of generator interconnection, transmission service, transmission cost allocation methodologies, energy policy analyses, and transmission planning for reliability, economics and public policy needs. Additionally, Ms. Curran oversees the development of the strategic vision for MISO's market, reliability and system planning procedures with neighboring RTOs, ISOs and other electric utilities.

Since joining MISO in 2004, Ms. Curran has served in various strategic, business planning and operational oversight roles. Most recently, Ms. Curran was a leader in the eight-year effort to enhance reliability and increase regional generation efficiency through a region-wide transmission plan, which resulted in approval of a regional transmission portfolio known as Multi-Value Projects.

Prior to joining MISO, Ms. Curran was Manager of Power Generation & Supply Strategy for the Mid-Atlantic and Mid-Continent Regions at Reliant Resources. She holds a Bachelor of Science degree in Mechanical Engineering from Rice University and a Master of Business Administration from Duke University.



DAVID E. DISMUKES is a Professor, Executive Director, and Director of Policy Analysis at the Center for Energy Studies, Louisiana State University. He also serves as a Professor in the Department of Environmental Sciences, and as the Director of the Coastal Marine Institute, both of which are in the College of the Coast and the Environment at LSU.

David's research interests are related to the analysis of economic, statistical, and public policy issues in energy and natural resources. Over the past 29 years, he has worked in consulting, academia, and government service.

David has been on the LSU faculty for over twenty years and has led a number of the Center's research efforts on energy, economic, and natural resource-related topics. He speaks regularly to professional, trade, and civic associations on important energy issues, trends, and topics.

Dr. Dismukes received his M.S. and Ph.D. in economics from the Florida State University.



COMMISSIONER SHERINA MAYE EDWARDS was appointed by Governor Pat Quinn in February 2013 to a five year term on the Illinois Commerce Commission (ICC). Prior to her appointment, Commissioner Edwards practiced as an attorney with the highly ranked international law firm, Locke Lord LLP. Since her appointment, she has been selected to co-chair the Pipeline and Hazardous Materials Safety Administration (PHMSA) Voluntary Information-Sharing System Working Group. She also serves as the Chair of the National Association for Regulatory Utility Commissioners (NARUC)

Subcommittee on Supplier and Workforce Diversity and Secretary of the Board for the Organization of MISO States.

Commissioner Edwards was selected as a 2017 Eisenhower Fellow, through which she is traveling to research renewable energy integration. A member of the Leadership Greater Chicago Fellows Class of 2015 and the Lake Shore chapter of the Links, Inc., Commissioner Edwards sits on several boards, including the Board of Directors of the Girl Scouts of Greater Chicago and Northwest Indiana, the National Executive Board of Delta Sigma Theta and the Founding Board of Directors of the Great Lakes Academy Charter School.

Commissioner Edwards earned a Bachelor of Arts in Psychology from Spelman College, cum laude, and a Juris Doctorate from Howard University School of Law in Washington, D.C., where she was a merit scholar.



PAT GAROFALO is a member of the [Minnesota House of Representatives](#), where he chairs the Job Growth and Energy Affordability Policy and Finance Committee. He is currently in his 7th term representing House District 58B, which includes counties in the southeastern [Twin Cities](#) metropolitan area. Additionally, he holds a private sector job as a [network engineer](#) and previously served as the co-chair of the Council of State Government's Energy and Environment Public Policy Committee."



EDWARD GARVEY founded AESL Consulting in 2008 to provide strategic regulatory and public policy support to public utilities, thought leaders, and energy and telecommunications providers that offer incredible service, essential products and visionary ideas.

Prior to AESL Consulting, Edward was point person for former Minnesota Governor Tim Pawlenty on energy issues, climate policy and telecommunications as Deputy Commissioner of the Dept. of Commerce (1/03 to 7/08). In this role Edward helped create nation-leading renewable

energy policies, implement one of the nation's most effective energy efficiency programs, craft Minnesota's response to climate change and encouraging significant transmission, pipeline and other energy infrastructure.

In announcing Edward's resignation on July 15, 2008, then-Governor Pawlenty said, *"Edward has been an exceptional leader on energy issues for a number of years. We particularly appreciate his service as the first director of our new Office of Energy Security. His leadership has been one of the reasons Minnesota is a national leader in energy reform."*

He also helped draft the November 2007 Midwestern Governors Association climate accord and energy platform.

The Office of Energy Security, that Edward Garvey led, consisted of 80+ technical and professional staff that advocated before the MN Public Utility Commission, analyzed rate cases, power purchase agreements, requests for new electricity generating facilities, transmission lines and pipelines, the state's energy information office, Minnesota's low-income energy assistance program and state telecommunications regulatory and policy development.

Prior to these roles, Edward was on the Minnesota Public Utilities Commission (2/97 to 10/02) and served as its chairman for three of those years. Before that he was the Director of the Minnesota Office of Environmental Assistance (1/95 to 1/97).

Edward obtained a BA from the U. of MN in 1983 and a JD from the U. of MN Law School in 1986. He received his MBA from the U. of St. Thomas in 1998.

Edward served as legislative assistant for energy and the environment for former US Senator Dave Durenberger in Washington DC (5/87-11/90). After three years at the Minneapolis law firm Gray, Plant Mooty (12/90-9/93), Edward went back to work for Sen. Durenberger in his Minnesota office to handle health care issues (9/93-12/94).

Edward lives in St. Paul, Minnesota.



DANIEL YVES HALL was appointed to the Missouri Public Service Commission on September 27, 2013 by Governor Jay Nixon, and unanimously confirmed by the Missouri State Senate in January, 2014. He was appointed Chairman by Governor Nixon on August 10, 2015. He is the 101st PSC Commissioner in the 100-year history of the PSC – Missouri's oldest state agency. He is an active member of the National Association of Regulatory Utility Commissioners, serving as Vice Chair of the NARUC Committee on Water, the Washington Action Committee, and the Subcommittee on Education and Research. In addition, he serves on the Organization of MISO States Board of Directors and

Executive Committee, is Chair of the Financial Research Institute's Advisory Board, and is a board member on the Public Council for the Water Research Foundation.

Chairman Hall served as the Legislative Director to Governor Nixon from January 2009 until his appointment to the Commission.



CHUCK HARDER presently serves as Deputy Attorney General for Public Protection for the Office of Arkansas Attorney General Leslie Rutledge. Public Protection consists of four divisions: Consumer Protection, which fights deceptive trade practices, mediates disputes between consumers and businesses, and oversees charities registration; Consumer Utilities Rate Advocacy, which is the voice of consumers as it relates to public utilities; Environmental, which represents the Arkansas Department of Environmental Quality and the Pollution, Control & Ecology Commission and challenges rules that adversely affect the State; and Tobacco, which administers the Tobacco Master Settlement Agreement.

Mr. Harder has 28 years of experience in the energy industry. He previously served as Assistant Attorney General representing the interests of utility ratepayers in matters before the Arkansas Public Service Commission, the Arkansas General Assembly and Federal agencies. Before joining the Office of Attorney General, he served as the Vice President of Regulatory and Government Affairs for SourceGas LLC., and he has held legal and regulatory leadership positions at CenterPoint Energy, Inc. Harder currently serves on the advisory boards of the New Mexico State University Center for Public Utilities and the Financial Research Institute. He holds a Bachelor of Arts degree in economics and business from Hendrix College in Conway and a Juris Doctor from the University of Arkansas at Little Rock William H. Bowen School of Law. He is both an attorney and a certified public accountant.

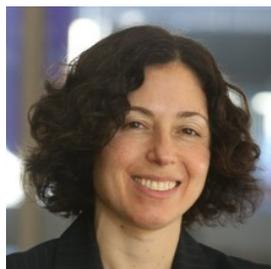


MIKE HUEBSCH was appointed to a six-year term at the Public Service Commission of Wisconsin by Governor Scott Walker on March 1, 2015, and confirmed by the state Senate in April 2015.

Commissioner Huebsch began state service in 1995 representing western Wisconsin's 94th Assembly District for sixteen years as a Republican in the state Legislature. He served two terms on the budget-writing Joint Finance Committee, including one as vice-chair. In the following years, he was elected by his colleagues to serve first as Assembly Majority Leader and then as Assembly Speaker. As Speaker, he led the negotiations on Wisconsin's \$60 billion budget and set the policy agenda for the state Assembly. He was also responsible for managing the budget and personnel policies of the 99 member body and more than 200 staff.

Upon his inauguration in 2011, Governor Walker appointed Mike to the top cabinet position as Secretary of the Department of Administration. In addition to advising Governor Walker on state policy and operations, Mike managed the Governor's cabinet agencies as well as nearly 1000 staff and \$1 billion annual budget in 13 different divisions, overseeing everything from state budget and finance to the Capitol Police. Commissioner Huebsch has always approached policymaking with the knowledge that when Wisconsin leads, much of the nation follows. As he brings over 20 years of state government experience to the Public Service Commission today, Mike continues to believe that answers to many of the challenges facing Wisconsin and other states around the country will be found here at home.

Commissioner Huebsch was born in Milwaukee and has been a resident of La Crosse County for the last 45 years. He graduated from Onalaska High School and attended Oral Roberts University in Tulsa, Oklahoma. He lives in West Salem with his wife, Valerie, and their two children, Ryan and Brett.



ALEXANDRA B. KLASS is a Distinguished McKnight University Professor at the University of Minnesota Law School. She teaches and writes in the areas of energy law, environmental law, natural resources law, tort law, and property law. Her recent scholarly work, published in many of the nation's leading law journals, addresses regulatory challenges to integrating more renewable energy into the nation's electric transmission grid, siting and eminent domain issues surrounding interstate electric transmission lines and oil and gas pipelines, and applications of the public trust doctrine to modern environmental law challenges. She is a co-author of *Energy Law and Policy* (West Academic Publishing 2015) (with Davies, Osofsky, Tomain, and Wilson), *The Practice and Policy of Environmental Law* (Foundation Press, 4th ed. 2017) (with Ruhl, Salzman, and Nagle) and *Energy Law: Concepts and Insights* (Foundation Press 2017) (with Hannah Wiseman). Prior to her teaching career, Professor Klass was a partner at Dorsey & Whitney LLP in Minneapolis, where she specialized in environmental law and land use litigation. She received her B.A. from the University of Michigan and her J.D. from the University of Wisconsin Law School. She was a law clerk to the Honorable Barbara B. Crabb, U.S. District Court for the Western District of Wisconsin. She is a member scholar at the Center for Progressive Reform and a Fellow and Advisory Board member at the University of Minnesota's Institute on the Environment. She served as Associate Dean for Academic Affairs at the University of Minnesota Law School from 2010-2012. She was a Visiting Professor at Harvard Law School in 2015.



CLAIR J. MOELLER *Executive Vice President of Transmission.* As an executive leader of the office of the Chief Operating Officer, Mr. Moeller is responsible for MISO's transmission planning functions and transmission services. He is a well-respected industry expert with more than 25 years of experience in the operation of power systems in the Upper Midwest.

Mr. Moeller is skilled at identifying and implementing best practices in transmission planning and operations. His current focus is infrastructure planning in collaboration with the utilities that serve the 15 states and one Canadian province that comprise the MISO region. Under his guidance, transmission planners in the region have begun to explore transmission infrastructure value by utilizing techniques borrowed from generation and strategic planners in an effort to give policymakers context for the decisions they will face as the electric energy future unfolds.

Mr. Moeller completed the Oxford Advanced Management and Leadership course at Oxford Said Business School, the Executive Management program at the Carlson School of Business, University of Minnesota, and earned a Bachelor of Science degree in electrical engineering from Iowa State University.



BRANDON PRESLEY was elected Public Service Commissioner for the Northern District of Mississippi in 2007, re-elected in 2011, and most recently re-elected in 2015 winning 31 of the district's 33 counties. Elected to the Public Service Commission at age 30, he was the youngest Commissioner ever elected in Mississippi. Prior to his election to the Public Service Commission, he served as Mayor of Nettleton from 2001 to 2007, having been elected at the age of 23, making him one of the youngest mayors in Mississippi history.

Commissioner Presley currently serves as Chairman for the Mississippi Public Service Commission. He has also served as President of the Southeastern Association of Regulatory Utility Commissioners, which is composed of Public Service Commissioners from the eleven (11) Southern State and Puerto Rico. He currently serves as chairman of the Consumer Affairs Committee for the National Association of Regulatory Utility Commissioners (NARUC) and also serves on the Natural Gas and International Relations Committees. He is a former member of the board of directors of the National Regulatory Research Institute (NNRI). He currently serves on the advisory committee for the New Mexico's State University Center for Public Utilities.

Commissioner Presley, 39, is a lifelong resident of Nettleton, where he is a member of the Enon Primitive Baptist Church. He is past-President and current member of the Nettleton Lions Club and is a member of the Nettleton Civitan Club.



MATTHEW SCHUERGER was appointed to a six-year term on the Minnesota Public Utilities by Governor Mark Dayton on January 19, 2016.

Commissioner Schuerger has thirty-five years of experience in the energy industry as a senior manager and professional engineer including work with power system planning, energy markets, grid modernization, distributed energy resources, grid integration of renewable energy, strategic planning, and business development. From 2001 until he was named to the Commission, Schuerger was the President of an engineering and management consulting firm. Prior to that, he was the Executive Vice President of District Energy St. Paul Inc., a privately held provider of district heating, district cooling, and cogenerated electricity.

Schuerger earned a Master's of Science in Electrical Engineering from the University of Minnesota, a Master's in Business Administration from the University of St. Thomas, and a Bachelor's of Science in Mechanical Engineering from Purdue University.

He serves on the Organization of MISO States Board of Directors and on the MISO Advisory Committee. In addition, he is a member of NARUC's Committee on Electricity and he serves on the Advisory Council of the Electric Power Research Institute.

His term expires in January 2022.



DAVID SHANKS is the Boeing representative to the Missouri Industrial Energy Consumers, a utility ratemaking interest group. He is also responsible for environmental regulatory surveillance and advocacy for Boeing manufacturing locations in Rocky Mountain, Midwest, and Eastern states. He has worked in environmental and energy policy for the past 32 years, for McDonnell Douglas, then for The Boeing Company when the companies merged.

After completing graduate work in natural resources at Colorado State University, David served in the Peace Corps in Dominica, West Indies. He then served in environmental staff positions at EPA Region VIII and Offutt Air Force Base in Omaha. In mid-career, David completed a law degree at Saint Louis University, and later a LLM in Environmental Law at Vermont Law School.



BETH SOHOLT is the Executive Director of the non-profit organization Wind on the Wires (WOW). WOW is the Midwest's premier organization focused on driving the development of renewable energy by applying technical expertise, and by expanding markets and building support in the Midwest. Launched in 2001, WOW members include non-profit clean energy and environmental advocacy organizations, wind and solar developers, wind turbine manufacturers, and businesses that provide goods and services to the wind and solar industries. The WOW footprint covers 9 states that stretch from the Dakotas to Indiana. WOW is a key regional partner of the American Wind Energy Association.

Beth is responsible for guiding WOW's work in the areas of transmission planning, state regulatory proceedings, legislative policy, and education/outreach and serves on the board of directors. She holds a seat on the Midwest Independent System Operator (MISO) Advisory Committee representing the Environmental Sector. Prior to WOW, Beth worked at the Izaak Walton League of America's Midwest Office on deregulation and regional transmission issues, Mahlum & Associates Law Firm on energy issues, Minnesota State Senate as a senior staff member to Senator Richard Cohen, and Mid-Continent Area Power Pool (predecessor to MISO) as staff to the Environmental Committee and Operating Committee. Beth holds a law degree from Hamline University Law School, St. Paul, Minnesota, and a Bachelor of Arts degree from Luther College, Decorah, Iowa.



MATTHEW L. SPITZER rejoined the Northwestern University School of Law faculty in July 2013 as the Director of the *Searle Center on Law, Regulation, and Economic Growth* and as the Howard and Elizabeth Chapman Professor of Law. Professor Spitzer started his career at Northwestern Law as an Assistant Professor of Law from 1979 to 1981. Prior to rejoining Northwestern Professor Spitzer was on both the faculties of Law and Business at the University of Texas since July 2010. At the University of Texas he served as Director of the Massey Prize in

Law, Innovation and Capital Markets and also as the Director of the Center for Law, Business and Economics. Prior to that Professor Spitzer was Professor of Social Science at Caltech and Professor of Law at the University of Southern California. From 2000 to 2006 Professor Spitzer served as the Dean of the Gould School of Law at the University of Southern California.

Professor Spitzer's publications are in administrative law, telecommunications regulation, judicial politics, and law and economics. He tends to teach courses that correspond to these topics. Over the past several years he has taught Telecommunications Regulation, Regulatory Policy and Administrative Law; Business, Government and Public Policy; and Business, Law and Policy.



KRISTA TANNER is Vice President, ITC Holdings Corp. and President, ITC Midwest, providing leadership and strategic direction for ITC Midwest. Ms. Tanner also has responsibility for the operating and financial performance for ITC Midwest, the Iowa-based operating company of ITC Holdings.

Ms. Tanner joined ITC from Alliant Energy, where she served as director of regulatory policy. While at Alliant she directed the company's regional and federal regulatory policy group and led the company's legal strategy across regulatory jurisdictions.

Ms. Tanner previously served as a board member of the Iowa Utilities Board (IUB) under appointment by Gov. Chet Culver. At the IUB she provided leadership in strategic planning, policy issues, and organizational performance.

Earlier in her career, Ms. Tanner was an associate attorney and shareholder at Dickinson, Mackaman, Tyler & Hagen, P.C.

Ms. Tanner is a member of the Board of Directors of Delta Dental of Iowa and a member of the Board of Directors of the Iowa Association of Business and Industry (ABI).

Ms. Tanner holds a Masters of Business Administration from the Tippie School of Management at the University of Iowa, a Juris Doctor from Drake University School of Law, and a Bachelor of Arts from the University of Northern Iowa.



ROB THRELKELD is Global Manager of Renewable Energy for General Motors, leading the company's commitment to meet the electricity needs of its global operations with 100 percent renewable energy by 2050. Threlkeld manages GM's growing renewable energy portfolio and develops future projects to support GM's sustainability strategy. Threlkeld is responsible for negotiating long-term power purchase agreements for GM facilities across the globe, including opportunities associated with battery storage, behind-the-meter applications and EV integration.

As part of GM's sustainability team, Threlkeld shares best practices for renewable energy procurement with internal and external audiences, offering solutions for large and small businesses alike to benefit from the use of renewables.

Threlkeld is a board member of the American Wind Energy Association and involved in the Solar Energy Industries Association, two energy groups advancing the use of these renewable forms of energy. He also serves on the advisory board of Rocky Mountain Institute's Business Renewables Center, and supports the World Wildlife Fund and World Resources Institute's Renewable Energy Buyers' Principles, organizations designed to help utilities and renewable energy providers meet rising demand. He is a

member of the Association of Energy Engineers, the Engineering Society of Detroit, and the Solar Power International Education Council. This year, Energy Manager Today recognized Threlkeld as one of 50 top energy managers for driving GM and the energy management industry forward.

Threlkeld began his career at GM in 2000 as manager of the powerhouse and wastewater treatment plant operations at GM's Lordstown, Ohio Assembly Complex. He holds bachelor's and master's degrees in civil engineering from Purdue University. He is a registered Certified Hazardous Material Manager, Certified Energy Manager and Business Energy Professional.



NICK WAGNER has been a member of the Iowa Utilities Board since 2013, appointed by Governor Terry Branstad to fill a term ending on April 30, 2019.

Wagner is a member of the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC). Wagner also serves on the NARUC Committee on Gas, is co-chair of the Washington Action Program, and is co-vice chair of the Committee on Critical Infrastructure. Wagner is vice president of the Mid-America Regulatory Conference (MARC) and treasurer of the National Council on Electricity Policy (NCEP).

Wagner spent a portion of his professional career in the automation and controls industry, as a member of the Iowa House of Representatives, and as a city council member.

Wagner has degrees in biomedical engineering and electrical engineering both from the University of Iowa.