

MGA Grid Security and Modernization Phase 2, Meeting 2

Speaker Biographies

Tobias Whitney, EPRI

Tobias Whitney joined EPRI in April 2018 as a Technical Executive in the Cyber Security program. With over 20 years of energy security experience he brings a blended skill set in cyber security, systems engineering, and regulatory policy for the electric sector to EPRI's Power Delivery & Utilization sector research.

He began his career at PricewaterhouseCoopers in St. Louis, then subsequently worked as the Security Practice Leader at Burns & McDonnell Engineering. Tobias also worked at GE Energy's Smart Grid Center of Excellence and most recently led the Critical Infrastructure Protection (CIP) program at North American Electric Reliability Corporation (NERC). Tobias completed his undergraduate course work at the University of Missouri and obtained an MBA at Washington University's Olin Business School.

For EPRI, Tobias will help lead and support research activities that pertain to the integrated grid and cloud security, while leveraging his background in regulatory policy such as the Critical Infrastructure Protection Standards.

Bill Glynn, Kansas Intelligence Fusion Center

Bill is the Critical Infrastructure Liaison Officer at the Kansas Intelligence Fusion Center. He assists critical infrastructure partners in understanding ramifications of specific cyber threats to their company or agency networks.

Before coming to the Fusion Center Bill was employed by a Midwestern electric utility for 36 years retiring in 2017. For the first third of his career he was a plant chemist at a 3-Unit 2400Mw coal fired power plant and spent the following 12 years supervising construction and maintenance of both IT and OT networks supporting company generation operations. Bill spent the last third of his career in corporate IT first serving as Director of Enterprise Architecture and later as Director of Information Security. During that time he participated in planning and execution of national level exercises including the DHS led Cyber Storm, USCYBERCOM managed Cyber Guard, and E-ISAC GridEx. Bill was responsible for corporate IT's NERC CIP standards compliance and among the industry experts assisting the EEI/ESCC develop the electric sector Cyber Mutual Assistance Program.

For the last nine years of his career he was a cleared private sector partner at the Kansas Intelligence Fusion Center. Bill helped develop and implement the cyber program there navigating the many challenges of uniting private sector data with classified government threat information. That program focuses on providing partners the means to make actionable strategic improvements to their defensive network architecture. Bill has a Bachelor of Science degree in Computer Information Systems and is a Certified Information Systems Professional, CISSP.

Jamie Myers, Missouri Public Service Commission

Jamie S. Myers is the Commission Staff Deputy Director at the Missouri Public Service Commission. She and the Director are responsible for leading all departments of the Commission Staff. Jamie supervises and coordinates a number of Commission Staff functions including rate cases, complaints, tariff filings, certificate applications, rulemakings and investigatory dockets. Prior to her current position, Jamie spent three years working in the Staff Counsel Department at the Commission, and four years working in education and research. Jamie has a B.A. in Environmental Studies and J.D. from the University of Missouri.

Chris Evans, Southwest Power Pool (SPP)

Chris Evans started his career at Southwest Power Pool in 2007 and was promoted to Manager of Cyber Security in 2015. Chris has nearly 30 years' experience in various aspects of information technology including enterprise security and access control, system administration, enterprise architecture and cyber security. Prior to working at SPP, Chris dealt with security and system administration across the globe for a multi-national corporation. He has maintained a CISSP certification since 2004. Chris served on the North American Reliability Corporation's critical infrastructure protection/supply chain risk management standard drafting team and is often asked to provide subject matter expertise on the proposed supply chain standard.

Jim Jones, Great River Energy

Jim Jones joined Great River Energy in 2003 and oversees the information technology division with primary responsibility to provide services and technology for corporate business operations, utility operations, wholesale supply and delivery functions, and support functions for member distribution cooperatives. Jim has a leadership role in grid modernization to increase inter-operability and optimization of electric services. He is the executive leader of the enterprise-wide security program which ensures the security of our physical assets, cyber assets, information and personnel. Jim serves on the Member Executive Committee to assist the North American Electric Reliability Corporation in strengthening the cyber security posture of the electric industry, and the Research Advisory Committee of the Electric Power Research Institute. Prior to joining GRE, Jim held IT management assignments at MAPP and MISO. He is a graduate of Hamline University and the University of St. Thomas.

Stanley Partlow, American Electric Power (AEP)

Stan Partlow joined AEP in October 2005. Stan serves as the Vice President and Chief Security Officer and has responsibility for Cyber Security, Physical Security and Aviation. During his AEP career, Stan has also had responsibility for the AEP motor vehicle fleet, the enterprise procurement function and business continuity. Prior to joining AEP, Stan served the Law Enforcement

community for over 25 years. Stan served the Columbus Division of Police for over 21 years and retired as the Commander of the Detective Bureau. Prior to that Stan served in numerous roles in Patrol, Narcotics, Professional Standards and Training during his tenure as an Officer, Sergeant and Lieutenant.

Stan served as a Special Agent with the Federal Bureau of Investigation from 1984-1988 where he was responsible for conducting a variety of criminal investigations.

Stan is a graduate of the Northwestern University School of Police Staff and Command and the Ohio Association of Chiefs of Police Executive Leadership College. Stan holds the designation of Certified Law Enforcement Executive from the Ohio Association of Chiefs of Police. Stan earned the Certified Protection Professional certification from ASIS, a worldwide security organization.

Stan holds a Juris Doctor degree from the Capital University School of Law (1995), a Master of Science degree in Administration from Central Michigan University (1990), and a Bachelor of Arts degree in Psychology from Bowling Green State University (1980).

Stan is a member of the Board of Trustees of Franklin University and he serves on the Board of Directors of The Center for Family Safety and Healing.

Ben Slager, WPPI

Ben Slager is the Director of Information Technology and has been with WPPI for 15 years. He had the pleasure of starting his career in the WPPI operations center for 4 years prior to moving into IT. He has supported the IT side of initiatives in multiple areas of WPPI to gain an appreciation of the many ways joint action makes each municipal utility stronger. In his capacity as Director of IT, Ben oversees projects to increase network security, upgrade the datacenter, and create internal software and integration systems. Ben is excited to be helping in the valuable effort of protecting our utilities. One of the best parts of the job for Ben is that there is always something new coming around the corner.

Jack Hanagriff, Houston Policy Department

Jack Hanagriff is a 35-year veteran with the Houston Police Department. For the last nine years he has been on special assignment to the Mayor's Office of Public Safety and Homeland Security where he currently serves as the Coordinator of the Regional Risk Management and Critical Infrastructure Protection Program. In this position, he shepherds the efforts of multi-disciplinary stakeholders across 13 counties in the Houston Region. He has developed an organization and governance structure to identify, catalog, assess, and analyze their assets, leveraging technology, Federal guidance, and the private sector where appropriate.

Jack is the Technology Coordinator for Homeland Security Projects and oversees key initiatives related to data content sharing, situation management, cyber security and edged technology implementation that supports many aspects of

public safety. He is project lead for two Technology Sandboxes in Houston pairing emerging technology with public safety and public service needs to create a Smart City Ecosystem. He is co-chair of the Houston UASI Risk Management Critical Infrastructure Protection Committee, and he is strategy lead of the Houston Regional Cyber Security Work group which pursues several projects to identify and assess risks, helping to bridge the gap between cybersecurity and physical security.

Chris Humphreys, The Anfield Group

Before founding The Anfield Group in 2006, Chris managed Critical Infrastructure Protection programs for the Department of Homeland Security and the Department of Defense's Counterintelligence Field Activity.

As the former CIP Compliance Manager for the Texas RE and a NERC-certified Lead Auditor for both 706 and 693 NERC Reliability Standards, he has played an integral role at the national, regional, and registered entity level for the development and implementation of the NERC Cybersecurity Standards. Chris also served as the founding chairman for the Critical Infrastructure Protection Compliance Working Group (CCWG) which consists of the CIP Compliance Managers and CIP Subject Matter Experts from all eight regions. He has led and/or participated in more than 50 NERC audits.

Chris is a certified Computer Information Systems Security Professional; Program Management Professional; and a former U.S. Army Signals Intelligence Officer.

Warner L. Baxter, Ameren Corporation

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 2017 revenues in excess of \$6 billion.

During his 23 years 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; the Electric Power Research Institute; and serves on the management committee of The Edison Foundation's Institute for Electric Innovation. He sits on the executive committees of Civic Progress St. Louis and the St. Louis Regional Chamber. 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 chair 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 council member of the St. Louis Chapter of CEOs Against Cancer of Missouri.

Ling Hua, MISO

Ling Hua has extensive operational and strategic experience in the electric energy industry. She is currently an Economic and Policy Advisor at Midcontinent Independent Transmission System Operator (MISO). During her 9-year tenure at MISO, she collaborated with internal and external stakeholders and led teams in multiple high impact initiatives across a wide range of areas, such as, strategy and long-term roadmap development, renewable energy interconnection, planning roadmap for disruptive energy technologies, regional transmission grid investment cost allocation, interregional economic analysis, new energy and ancillary service market products design, competitive transmission, generation deliverability, transmission service, and resource capacity auction.

Ling holds a Master of Science degree in Electrical Engineering from the University of Minnesota and will graduate from the University Of Chicago Booth School Of Business with an MBA degree in the early 2019.

Rick Lancaster, Great River Energy

Rick Lancaster is Great River Energy's Vice President and Chief Generation Officer. The responsibilities of the Generation Division include the operation and maintenance of a 2,700-megawatt fleet of electric generating plants, fueled by coal, natural gas, fuel oil, and refuse-derived fuel. GRE has 468 megawatts of windpower under contract, and owns solar photovoltaic systems at 20 sites throughout Minnesota. GRE's headquarters in Maple Grove, Minnesota, is certified as LEED-Platinum, the highest level of energy efficiency.

Rick serves on the board of directors of NAMI-Minnesota (National Alliance on Mental Illness), and the Lewis & Clark Fort Mandan Foundation. Rick has an associate in applied science degree in power plant technology from Bismarck State College, a bachelor's degree in economics and history from Grinnell College and a master of public policy degree from the University of Michigan.

Nicole Luckey, Invenergy

Nicole Luckey is an energy attorney with a focus on administrative and regulatory litigation, specializing in electric utility regulation on both the state and federal level. Ms. Luckey currently holds the position of Director, Regulatory and Government Affairs for Invenergy, where she coordinates outreach to the Midcontinent Independent System Operator, state public utility commissions, local, state and federal legislative bodies and the Federal Energy Regulatory Commission on Invenergy's behalf to support the development and continued operation of thermal, wind, solar and battery storage projects across the country. Previous to joining Invenergy Ms. Luckey was a Special Assistant Attorney General for the Illinois Commerce Commission and served for two years as Legal and Policy Advisor to the Hon. Chairman Doug Scott where she was a member of the Midcontinent States Environmental and Energy Regulators (MSEER), and The Midwest Power Sector Collaborative, bringing together energy and environmental regulators, and industry, utility and NGO representatives to model the environmental and economic impact of state and federal deep decarbonization plans.

Ms. Luckey is a member of the Illinois state bar, Chair of the American Wind Energy Association Central State Policy Subcommittee and currently sits on the Board of Directors for the Midwest Clean Grid Alliance.

Kerri Johannsen, Iowa Environmental Council

Kerri Johannsen joined the Council in August 2016. She manages the Council's state legislative program for both energy and water priorities, and works with the Council's energy program director and climate/energy policy specialist to advance clean energy policies in the state.

Kerri grew up on a farm near Protivin, Iowa. She earned a B.A. in Political Science from Gustavus Adolphus College and an MPP with a focus on science, technology and environmental policy from the University of Minnesota. Prior to joining the Council, Kerri served as policy specialist and legislative liaison with the Iowa Utilities Board. Over the past ten years, Kerri has been involved in the development of energy, climate and water policy with NGOs, state government agencies and in the U.S. Senate.

Marc Lopata, PE, Azimuth Energy

Marc Lopata is President of Azimuth Energy, a US-based, solar energy, microgrid, and energy efficiency engineering and construction company. Marc is a licensed, Professional Engineer with over 20 years of experience in engineering, construction, development, and applied sciences.

Marc is the engineer-of-record on over 400 solar projects, 80 microgrid and energy storage projects totaling over 75 MWh of energy storage capacity, and a dozen utility-scale solar projects. Marc is a NABCEP-certified Systems Inspector, one of only 40 worldwide.

Marc's prior career focused on ocean engineering and data

center engineering and construction. He managed engineering at Harbor Branch Oceanographic Institution – building solar-powered undersea equipment, robotics, instrumentation, and various marine-related projects. After that, Marc directed engineering and construction of data centers and telecom infrastructure for Verizon. This diverse experience is the foundation for his expertise in solar energy, advanced technology, and energy performance of commercial buildings.

Marc also is involved in a variety of nonprofit and governmental entities. This includes a decade on Planning and Zoning Commissions, and five years on the Board of Directors of the US Green Building Council in St Louis with two years as Board President.

Marc is a regular speaker, presenter and trainer on solar-energy-related topics to trade groups, firefighters, and first responders. He is a solar-energy technical advisor to the World Bank for the Eastern Caribbean, and a peer reviewer of hurricane survivability for the National Renewable Energy Laboratory. Recently he was a panel member at the 2017 Caribbean Renewable Energy Forum discussing next generation microgrids and in 2018 at the Puerto Rico Solar Energy Industries Association discussing distributed generation, reliability and survivability in the Caribbean.

Joseph Pereira, Citizens Utility Board of Minnesota

Joseph Pereira currently serves as Regulatory Director at the Citizens Utility Board of Minnesota (CUB). In his role, he oversees regulatory programming and works to develop state energy policy favorable to consumers and aligned with a clean energy future. Prior to his role at CUB, Joseph served five years in the Office of Colorado Governor John W. Hickenlooper. There, Joseph oversaw policy, program and regulatory activities related to low-income energy services, residential energy/ financial services, community solar, energy efficiency and stakeholder engagement. Joseph served as Commissioner on the Colorado Commission on Low-Income Energy Services. He currently serves on the U.S. State Department's Clean Energy Finance Task Force, working to assist the Indian government in meeting its renewable energy goals through technical and policy support.

Joseph received his bachelor's degree from Metropolitan State University and conducted his graduate work at the Center for Energy and Environmental Policy at the University of Delaware. He has also obtained regulatory-focused education at the Institute of Public Utilities at Michigan State University.

Kristy Manning – Missouri Division of Energy

Kristy Manning is the Director of the Division of Energy at the Missouri Department of Economic Development. The Division assists, educates and encourages Missourians to advance the efficient use of diverse energy resources to drive economic growth and achieve greater energy security for future generations. In addition to implementing Missouri's Comprehensive State Energy Plan, the Division

works collaboratively with Missouri utilities and stakeholders in regulatory proceedings. Kristy has more than fifteen years of experience working with state agencies, stakeholders, policy makers, and advocates to develop and implement policies and legislation. She earned a Master's Degree in Public Administration from the Truman School of Public Affairs at the University of Missouri-Columbia. Prior to joining the Division, Kristy served a Deputy Legislative Director in the Governor's Office and was a Legislative Aide in the Missouri Senate.