

Autovation 2011 Speaker Biographies

Bruce Agid

Bruce is a Principal at SMSD Consulting, a boutique consulting firm specializing in smart meter business case development, field deployment and business integration strategies. Bruce has over 35 years of natural gas and electric utility experience. Prior to SMSD, Bruce was the Director of PG&E's SmartMeter™ field deployment. In this position, he led a highly complex project team responsible for the deployment of approximately 20,000 network nodes and 10 million gas and electric smart meters covering 70,000 square miles in northern and central California. His team developed and successfully implemented a fully integrated smart meter deployment plan. It included unique city by city deployment strategies, comprehensive work and resource management, endpoint connectivity remediation and network optimization plans. Bruce developed his broad utility experience across operations and customer care through leadership assignments in Gas and Electric Field Services, Electric Switching Center Operations, Call Center Operations, Local Office Customer Service and Meter Reading. He serves on the Board of Directors of Utilimetrics. He holds a Bachelor of Science, Business Administration from San Francisco State University.

Taj Ait-Laoussine

Taj Ait-Laoussine, Vice-President, Services, runs the customer services organization for DataRaker, Inc.. Taj has over 15 years experience in the energy data management industry. Taj began his career in demand side management, where he designed, implemented and evaluated energy efficiency programs for utilities worldwide. Taj subsequently held positions at Silicon Energy, Nexus Energy Software, and EnerNOC, where he led the development, marketing and deployment of advanced energy management technologies. Taj holds a B.A. in Physics and an M.S. in Energy and Resources, both from the University of California at Berkeley.

Brad Anderson

Brad Anderson has lead Alabama Gas Corporation's Automated Meter Reading (AMR) deployment as Project Manager and Systems Architect for over 2 years. He has worked in various capacities with both Alabama Gas and sister corporation Energen Resources since 1996. He leverages both his business and information technology backgrounds to stream line processes and constructively apply technology.

Brad presents to utility industry conferences in the area of AMR system design and optimization. He will also be featured in an upcoming case study on advanced AMR systems in Pipeline & Gas Journal.

An important aspect of his life is faith and family. He enjoys spending time with his wife of 11 years and son. He is very active in his local church and globally through World Vision.

David Anglin

David Anglin is Director of Regulated Operations for Atmos Energy Corporation. He has 34 years of gas utility operations experience and has had direct responsibility for operations in 6 of Atmos Energy's 12 operating states. David lead the company's automated meter reading team and was charged with assessing technologies and vendors in 2006; he currently leads the company's AMI deployment. Since 1998, he has facilitated the company's AtmoSpirit culture shaping program. During his career, he has held various positions in Sales, Marketing and Operations. His career has led him to work and live in

eight different locations in five states. David has been active in numerous gas industry and organizations. He was a long term member of the Southern Gas Association CTN Executive Managing Committee, and has served in many civic organizations. David is a graduate of the University of Tennessee with a degree in Business Administration. He also completed the University of Tennessee's Management Development and Executive Development programs. David resides in Prosper, Texas with his wife Beth. Their daughter Katherine, is a Junior at Texas Tech. Their daughter Sarah is a recent graduate of Georgia Tech with a degree in nuclear engineering. Their family is active in their church. He was a Boy Scout achieving the rank of Eagle, also earned the God and Country Medal and was Assistant Scout Master of his home scout troop in Maryville, TN. David enjoys traveling as well as numerous outdoor activities particularly golf. He is an avid college sports fan, especially football.

Michael Arno

Michael Arno is the President of Superna Business and Superna Analytics. He joined Superna in 2008 as managing partner and is responsible for setting the overall direction for the company. Over the last three years, he has transformed the business to focus on addressing challenges faced by enterprise and telecommunications organizations in the ownership and maintenance of their networks through the application of web based software tools. He leads a diverse team with in-depth technical expertise in wide area networking, storage area networking, the application of geospatial technology and network security and modeling. Prior to joining Superna, Michael held a range of senior management positions at Nortel Networks, MCI Systemhouse, Geomatics International and TYDAC Technologies. He has been involved in the development of mapping and GIS since the early 1980's and was part of the original development team responsible for the market expansion of the TYDAC Spatial Analysis System (SPANS) and the VISION* automated mapping and facility management system. Michael can be contacted on LinkedIn at Michael Arno at <http://ca.linkedin.com/pub/michael-arno/4/34a/905> and is active on Twitter at <http://twitter.com/#!/SupernaNet>.

Robert F. Austin

City of Tampa

Sandy Bacik

Sandy is a Principal Consultant at EnerNex, as well as an author and former CSO. She has 15 years direct development, implementation, and management information security experience in the areas of Audit Management, Disaster Recovery/Business Continuity, Incident Investigation, Physical Security, Privacy, Regulatory Compliance, Standard Operating Policies and Procedures, and Data Center Operations and Management and an additional 15 years in Information Technology Operations.

Tony Bamanti

Tony is the VP Business Development for Tendril. He has over 25 years of executive management, business development and operational experience in early and mid state high tech software and service companies. At Tendril, he oversees utility sales, strategic business development and industry partnerships. Prior to Tendril, Tony was Senior VP at Jabber, Inc., a recognized leader in real-time messaging and collaboration solutions servicing multinational and Fortune 500 companies. At other companies, he has managed customer relationships and held business development, product management and engineering positions.

Denise Barton

Denise is the Marketing Director for Tropos Networks. She joined Tropos as the Marketing Director in 2007 and drove the marketing strategy that launched the company into the Smart Grid market in 2009. Prior to Tropos, Ms. Barton held senior management positions in marketing over the past 20

years, leading outbound marketing and product strategy development efforts for various networking and security companies including Cisco, SynOptics/Bay Networks, NetScreen and 3Com Corporation. Denise holds a BS degree in business administration from the University of the Pacific.

Steve Bass

Sewerage and Water Board of New Orleans.

Niraj Bhargava

Niraj is Co-Founder and Chief Executive Officer of Energate Inc., a company specializing in home energy management and demand response solutions. Previously, Niraj was President and CEO of Enerstat Limited, the company that first commercialized the electronic programmable thermostat. After Enerstat, Niraj became a faculty member in Entrepreneurship at Queen's University and then Dean of the Business School at Royal Roads University. Earlier in his career, Niraj practiced engineering at Bell-Northern Research, marketing and business development at Northern Telecom and General Electric, and was General Manager of GE Energy Management. Niraj has a BAsC from University of Waterloo and an MBA from Ivey Business School, including an International Business Certificate from Stockholm School of Economics.

Rajiv Bhatnagar

Rajiv is a senior consultant with the Information Technology and Systems Department at Toronto Hydro where he has led numerous projects. His experience is in SAP implementations, deployments and operations. Rajiv holds certification in project management. He has security credentials with a CISSP certification and is a member of ISACA carrying a CISA and CISM Audit certification as well.

Sam Bhattacharya

Sam is the Engagement Manager for Wipro. He has 17 years of security R&D expertise and has made defining contributions to multiple sub-fields within information security and software engineering. In Wipro, for the last 3 years, Sam has led two identity management programs and created/implemented the secure SDLC program at a major retail account.

Jeff Birkmeier

Jeffery Birkmeier is a Business Process Manager at ComEd, where he has worked in various positions for over 17 years and has been engaged in ComEd's AMI deployment for the last three years. He is a certified Project Management Professional that holds a bachelor's degree in Nuclear Engineering from the University of Michigan, a Master's degree in Radiation Protection from the University of Michigan and a Master's degree in Management of Information Systems from Benedictine University.

Morrice Blackwell

Morrice Blackwell has been an employee of Badger Meter, Inc. since 1994, working in a variety of areas. Morrice has a Bachelors of Science degree in Mechanical Engineering from Marquette University and a Masters degree in Engineering Management with an emphasis on marketing and operations from Milwaukee School of Engineering. Morrice has worked throughout Badger Meter in the following capacities, Senior Manufacturing Engineer, Production Manager, Customer Solutions Manager, Application Engineering / Training Manager, Marketing Manager of AMR Solutions, Manager of Utility Product Marketing, and he is currently the Marketing Manager of Network AMI Solutions.

Morrice's market and product knowledge allow him to teach and speak around the country and internationally as an expert in the areas of water fixed network AMI systems, mobile AMR technology,

water metering, as well as the cutting edge technologies being deployed in the water, gas and electric utility industries.

Morrice is an active member of both American Water Works Association (AWWA) and Utilimetrics Association.

Don Bowman

Don is the Manager of Engineering at Wake EMC. Don Bowman was literally born and raised within the rural electric cooperative family - his grandfather, uncle and father each held the General Manager position at electric cooperatives in Virginia. After receiving an engineering degree from the University of Virginia, Don earned his MBA at American University. In 1998, Don began working at NRTC, the National Rural Telecommunications Cooperative, where he held the position of Vice President of Utility Solutions. At NRTC, Don worked with over 120 different utilities with their development of AMI and telecommunications strategies, assisting them in the improvement of operating efficiencies. After eleven years at NRTC, Don moved his family of four to North Carolina to assist TSE Services with a cooperative Smart Grid evaluation. In March of 2010, Don joined Wake EMC as the Manager of Engineering to develop, implement and maintain the technology roadmap.

Marc Bracken

With more than 18 years of experience in acoustical and vibration engineering, Marc Bracken is vice president and general manager of Toronto-based Echologics, a leader in the development of acoustic technologies that can detect underground leaks and assess the condition of water pipes without breaking ground. Echologics is a subsidiary of Mueller Water products and has worked with utilities and municipalities across North America, Europe, South Africa, Singapore and Australia to prioritize water system repairs and improve water conservation.

Marc received Bachelor and Master degrees in mechanical engineering from the University of Toronto.

Deb Bradbury

Deb is a Principal Consultant at Enspira Solutions. Leveraging over 25 years of energy/utility experience, Deb Bradbury specializes in Business Transformation and Change Management for utility technology initiatives. She has extensive experience in both planning and implementation of business process transition, change management, communications and training. In addition, she has a strong background in consulting; software design, development and testing; systems integration; and data conversion for domestic and international clients across Utilities, Oil and Gas, and Public Sector markets.

Currently, she is providing Organizational Alignment, Business Change, Communications and Change Management support to Hydro One's Advanced Distribution System program. Her scope of work includes:

Development, management and support in execution of a Communication Strategy and Plan, communications materials and tactics to facilitate a successful project implementation.

Development, management and execution of a Change Management Strategy and Plan consistent with the Hydro One Structured Approach to change.

Development, design and implementation of organizational design strategies and plans, which includes diagnosing gaps, shaping objectives to close gaps, designing and developing processes to achieve

objectives, training, facilitating problem solving and issue resolution teams and measuring outputs for purposes of sustainment.

Provide mentoring, project management skills development and knowledge transfer to Hydro One internal staff.

Dan Brancaccio

Dan, Senior Technical Architect of BRIDGE Energy Group, has over 30 years of experience in Systems Engineering and Integration, development, developer management, and project management. He has developed large scale, mission critical, enterprise applications for energy utilities and corporate clients.

Dan has developed applications for the utility, medical, and manufacturing sectors to improve use of legacy data systems based on industry standard development practices. In addition he has developed systems used for asset risk assessment, power quality analysis, energy analysis, energy pricing, substation instrumentation, and protective relay testing.

He is currently the Chair of the Data and Network Management Task Team (D&NMTT) for the North American SynchroPhasor Initiative (NASPI), whose mission is to improve power system reliability through wide area measurement and control. He is also assisting Western Electricity Coordinating Council (WECC) as the Technical Architect on the Western Interconnection Synchrophasor Program (WISP).

Dan is an expert at retrieving data from Intelligent Electronic Devices and storing the data in a normalized structure for visualization and analysis and has spent the last 16 years designing and implementing SOA based SmartGrid systems, before SmartGrid was a buzzword.

Akeyma Broden

Akeyma Broden began his career in RF communications 15 years ago, as an RF Countermeasures technician in the US Marine Corp. After nearly six years of honorable service he began working for what is now Elster AMCO Water as a Technical Sales Support Specialist. In this position he managed the implementation, deployment and support of AMR/AMI projects. He is currently the Southeastern Territory Manager for Elster AMCO Water, and is responsible for overall sales growth in the region.

Laney Brown

Laney Brown is the AMI Program Director for Central Maine Power Company's Smart Meter project. Laney has worked at Central Maine Power for over six years in a variety of areas. Laney was deeply involved in the benefits analysis of Advanced Metering and has subsequently led the effort in vendor selection, project start up and the Smart Meter deployment. In Laney's prior position as Director of Marketing at LinxTelecom, she led the market assessment and product development for a start-up telecommunication company that designed, funded and executed the implementation of a fiber optic network in the Baltic Sea region.

Nora Brownell

Nora is co-founder of ESPY Energy Solutions. She was previously a Commissioner to the Federal Energy Regulatory Commission (FERC). Ms. Brownell's tenure at the FERC reflects her longstanding and unwavering commitment to fostering competitive markets to serve the public interest. Prior to FERC, Ms. Brownell served as a member of the Pennsylvania Public Utility Commission (PUC) from 1997 to 2001.

John Bubb

John Bubb has been leading the network architecture development for the Edison SmartConnect™ program for the last 3 years. John has been involved in all aspects of the technical architecture and utilizing systems engineering principles to deliver an adaptable and component based solution that can evolve over the life cycle of the metering and communications system.

Prior to the Edison SmartConnect Program, John worked on a variety of networking and telecommunications projects to support electric system transmission and distribution including telephony, SONET and digital microwave transport, IP switching and network security. He has over 22 years of utility engineering and operations experience.

John holds a BS degree in Electrical and Computer Engineering from the University of Colorado at Boulder.

Allan Burke

Texas New Mexico Power

Jeff Buxton

Jeff is an Executive Consultant with Enspira Solutions, a Black & Veatch company. He has over 25 years of experience within the Energy, Utilities, IT, Technologies, and Industrial sectors, including both North American and international management expertise delivering business-to-business solutions. His experience encompasses a wide range of arenas including strategic business planning, technology roadmap planning, IT infrastructure management, contract development and project financing, program management, operations start-up and management, product/portfolio management, integrated marketing, and P&L management. Mr. Buxton's representative experience includes Advanced Metering Infrastructure (AMI) — deployment of CellNet solution at PECO Energy, Demand Response (DR) — integrated DR into energy supply offerings for C&I customers, Meter Data Management Systems (MDMS) — specification for future selection and implementation as part of IT technology roadmap, and Smart Grid — served on Distributed Utility strategy team charged with developing and planning demand management and distributed generation strategies. Mr. Buxton received an MBA in Marketing with distinguished honors from the University of Cincinnati, Cincinnati, OH; and a BS in Electrical Engineering from Pennsylvania State University, State College, PA. He is currently a member of AMA (American Marketing Association), and IEEE (Institute of Electrical and Electronics Engineers).

Paula Campbell,

Paula is the Director, Edison SmartConnect Program Office, Southern California Edison. She joined Edison SmartConnect in 2006 and manages the project management and financial controls, change management, and communication functions for the program. Paula's 20-year tenure with Southern California Edison includes customer service operations, information technology systems development, and business process integration. She earned her Bachelor of Science Degree in Business Management and holds executive certificates from The Wharton School at the University of Pennsylvania and MIT Sloan School of Management.

Mark Carpenter

Mark is Vice President and Chief Technology Office for Oncor Delivery Systems. He is a 1975 BSEE graduate of Texas Tech University. He held various field management and engineering management

positions in T&D, primarily in the transmission and substation area of Oncor and its predecessor companies. He is a member of the IEEE Power System Relaying Committee. His present position is VP and Chief Technology Officer for Oncor. He is married with five kids, two daughter-in-laws, and three and one-half grand kids.

Bruce Carpenter

As vice president, is responsible for Distribution Services, which includes Customer Technical Services, Garage Operations & Fleet Services, Utility Asset Management as well as oversight of Portland General Electric's smart meter project.

Previously, Carpenter served as general manager of PGE's revenue operations, responsible for metering services, meter data acquisition services and billing and collections. Carpenter has more than 32 years experience in the utility industry. He joined PGE in 1979 after having served as an intern with the company. During his tenure with PGE he has served in a variety of capacities in almost every PGE division, including Internal Audit, Rates & Regulatory Affairs, Operations Planning, Generation, Finance and Customer Service. In 1996, Carpenter left PGE to serve as president of two companies that began as affiliates of PGE: FirstPoint Utility Services, Inc., and Si3. Since returning to PGE in 2000, he has overseen PGE's strategic initiative to deploy 850,000 new smart meters to replace electric meters on customer homes and businesses.

Carpenter serves on the boards of Western Energy Institute, Salvation Army Cascade Division's Portland Metro Advisory Board and the Board of Trustees for Utilimetrics. He earned a bachelor's degree in business from Southern Oregon State College and received his MBA from Oregon State University. Bruce and his wife, Beth have two children.

Mike Coholich

Mike is VP of Operations for Mad Dash Inc. Mike joined Mad Dash in 2007 and has been instrumental in the development of standardized processes and procedures and a companywide CRM system to ensure Mad Dash's ability to scale its operations. Prior to Mad Dash, he served as the Customer Satisfaction Executive for Brocade Communications Systems, Inc. managing customer satisfaction, customer loyalty and partner support programs. He has previous career experience with McData Corporation Channel Network Corp, Inrange Technologies, and Computerm. Mike holds a Bachelors Degree in Electronics from Penn Technical Institute and has been a member of AFSMI (Association for Services Management International) since 1992.

Tom Conry

Tom has been the manager of Fairfax County's GIS and Mapping Branch since 1999. Over that period, the Branch has progressively leveraged the dramatic developments in spatial technology and in enterprise systems to deliver GIS data and services to more than 13,000 county staff and to public web users. GIS is a core service in the county and is used in numerous county systems, including CAD/911, tax administration and public works. The Branch has implemented a web 3-D application and is preparing new web services to further enterprise use of GIS. The GIS office today maintains and serves over 9 TB of data on the 406 sq. miles of the county.

Tom has over 25 years of experience in information systems, and over 15 years of experience in GIS. Prior to joining Fairfax County he worked in private industry for 17 years, and non-profit groups before then. He has advanced degrees in both Chemistry and Computer Science.

Kevin Cornish

Kevin Cornish is an Executive Consultant and the Smart Grid Consulting Practice Lead with Enspira Solutions, A Black & Veatch Company. He has over 25 years of experience in the utility field, with particular expertise in Smart Metering and associated Smart Grid initiatives. He held various engineering and operations management positions for a major utility combined with technical and sales positions for several AMI vendors. He holds an MBA in Marketing and Telecommunications Management; an MS in Electrical Engineering/Power Systems and a BSEE in Electrical Engineering & Computer Science.

Rich Creegan

Rich is Vice President – Marketing and Strategy at Itron. With over 25 years of sales, marketing and operational experience, Rich Creegan has devoted his career to understanding the benefits of emerging technologies and aligning them with business goals and objectives. Creegan first joined Itron as an account executive in 1990, with responsibilities for investor-owned utility sales. Over the next decade, he held several positions, both domestically and internationally, where he managed various operations centers, streamlined sales and helped create strategic partnerships. In 2000, Creegan left Itron to further develop his talents with SPL WorldGroup, NWP/Open-C and Lodestar Corporation. Creegan returned to Itron in 2004, and currently serves as vice president of marketing and strategy, with an emphasis on smart metering and smart grid initiatives.

Mark Day

Mark, Vice President with Utility Integration Solutions, Inc (UISOL) is engaged in effectively assisting utilities with their technology evaluations and supporting the overall process from selection to implementation. Mark's experience includes over 20 years in the utility industry developing and integrating new technology solutions to meet changing industry needs. Mark's extensive experience as a participant in the product development cycle for AMI/Smart Metering, Demand Response, Home Area Networking, Meter Data Management, and Prepayment has given him a comprehensive understanding of these technologies and the impact they have on other systems.

Robert Day

Bob has been with San Jose Water Company for the past 20 years. He served as Water Conservation Specialist for more than four years before being promoted to Customer Service Manager in 1995, and Director of Customer Service in 1997. Bob is responsible for the Commercial, Field Service and Meter Reading departments. He has a BA in Political Science and a MPA from San Jose State University.

Jay Demarest

James (Jay) Demarest, Jr. is Customer Care and Marketing Director for Pepco Holdings, Inc., a regional energy holding company that provides utility service to more than 1.8 million customers. PHI is the parent company of Potomac Electric Power Company, an electric utility serving Washington, D.C. and suburban Maryland; Delmarva Power, an electric and gas utility serving Delaware and the rest of the Delmarva Peninsula; and Atlantic City Electric, an electric utility serving southern New Jersey. Delmarva Power and Atlantic City Electric previously operated under the brand name Conectiv Power Delivery.

Mr. Demarest joined Pepco in 1999. Previously; he held the positions of Director, Strategic Planning, Director of Finance for Pepco, President, Pepmarket.com; General Manager, Strategic Planning; and Corporate Strategist.

Prior to joining Pepco, Mr. Demarest worked for AT&T and in the public accounting industry.

A Maryland native, Jay is a graduate of Loyola University Maryland where he earned a BA in Accounting and a MS in Finance. Jay also holds a master's certificate in Program Management from

George Washington University. He is a Certified Public Accountant and a Certified Project Management Professional.

Jay serves on the Board of Advisors for the University of Maryland University College, Finance and Accounting Graduate Programs, and on the United Way Regional Council for Montgomery County, MD, and the Loyola University Maryland Alumni Regional Council for Washington, DC. In recent years, he has served on the boards of the National Alliance on Mental Illness (NAMI) for Montgomery County and for the State of Maryland, the Reginald S. Lourie Center for Infants and Young Children, and the Literacy Council of Montgomery County, MD.

Dave DeYagher

David De Yagher, Certified General Accountant, is BC Hydro's Smart Metering and Infrastructure Solution Architect. He has overall responsibility for ensuring that the design and delivery of BC Hydro's Smart Metering solution aligns with the required business requirements. David is a 22 year veteran utility manager whose focus has been on business and technology. He has been involved with BC Hydro's Smart Metering project since its inception in October 2005. As member of various standards and technical committees, including the Open SmartGrid Technical Committee, David has engaged multiple stakeholder groups to present the solution and help drive the project requirements forward.

Charles Dickerson

Charles is Vice President Customer Care for Pepco Holdings, Inc. He is responsible for all aspects of customer care for PHI's 1.9 million customers across three regulated (gas and electric) utilities. Since 1989, Charles has served as: Manager, Customer Operations, Director – Diversity & HR Strategic Planning, VP – Gas Delivery, Delmarva Power, and VP - Strategic Planning and Chief Risk Officer. He has a BS in Mechanical Engineering and an MS in Applied Management from the University of Maryland.

Josh DiLuciano

Josh DiLuciano joined Avista Utilities in 2006. In 2009, was responsible for the submission of a Smart Grid Investment grant project proposal. Since being awarded the \$20M grant, Josh has been the project manager for the investment grant. In addition to smart grid work, Josh works on emerging issues such as electrification of transportation and renewable integration. Josh is a registered Professional Engineer and holds a bachelor's degree in electrical engineering from Washington State University.

Frank Dorrin

Frank is currently the Project Manager for the Network Operations Center implementation. He has over 30 years experience in Utility Engineering, Corporate Planning, Energy Trading, and Information Technology. Frank is particularly skilled at building high performance teams that work effectively across the business units, and in developing applications to meet the needs of the various roles he has held. He is an experienced engineer as well as a Microsoft Certified Solutions Developer.

Frank's experience began in Distribution System Planning and Engineering in Wilmington, DE and Salisbury, MD respectively. His System Operations experience includes both Operations Planning and Analysis (power flows and transmission security) and Interchange Accounting and Analysis, where he developed a custom application that vastly expanded the efficiency of the Production Cost Analysis process. In Corporate Planning, Frank was the Senior Engineer responsible for producing Integrated Resource Plans and presenting expert testimony.

Frank transitioned to the Conectiv Energy trading organization at the onset of deregulation. There he developed and deployed two major software applications that delivered critical trading, billing, and analytical capabilities to traders, analysts, and back-office personnel. The result of that effort allowed him to build and manage the Merchant Applications Development (MAD) Team, producing a significant number of critical trading applications that directly contributed to earnings.

Frank went on to assume the position of Director of Information Technology at Conectiv Energy, where he consolidated the ETRMS (trading and risk management), GMS (generation management), infrastructure (help desk and telecom), and application development teams into one effective organization. He was instrumental in executing the sale of Conectiv assets and worked to ensure a smooth operational transfer to the buyer.

Frank holds a Bachelor of Science Degree in Engineering from Widener University, a Microsoft Certified Solution Developer certification, and is an Airline Transport Pilot and active Flight Instructor living in the Smyrna, Delaware area

Randy Dotson

Randy is Project Manager for the Smart Grid initiative at Lakeland Electric. He has 36 years in the utility business with experience in transmission, distribution, substations, substation integration, system planning and software systems. He has been employed in both the investor-owned utility and municipal arenas. Involved with IEEE and its standards for more than 25 years, Randy is a member of the IEEE/PES Switchgear Committee and the High-Voltage Circuit Breaker and High-Voltage Switch subcommittees. He has a Bachelors degree in Electrical Engineering from the University of South Florida and is a Registered Professional Engineer in the state of Florida.

Lawrence Doyle

Larry has been with Aqua America for over 30 years, has held numerous positions with the company including most recently as National Meter Manager. Larry's future projects for Aqua include continued support of metering programs throughout Aqua territories, implementation of a pilot fixed network system in Gettysburg and planning to reduce unaccounted for water through use of enhanced meter management and leak detection devices.

Eric Dresselhuys

Eric is the Executive Vice President and Chief Marketing Officer for Silver Spring Networks. He has been with Silver Spring Networks since it was founded in 2002 and has more than 13 years of experience in developing Smart Grid solutions to address the industry's most pressing challenges. He has been instrumental to the growth of the company and has held various leadership roles in customer development, new product development and product introductions. Eric currently serves on the board of directors of the Smart Grid Consumer Collaborative (SGCC), has served on the boards of DRSG (Demand Response and Smart Grid) Collation and the Automatic Meter Reading Association's (AMRA) Marketing and Development Committee and was a founding member of OpenAMI. Eric previously spent 9 years at Procter & Gamble in various sales and marketing roles. He holds a B.S. in economics from the University of Wisconsin, Madison.

Larry Dunbar

Larry Dunbar is the Deputy Director of Power Systems for the City of Port Angeles and has 29 years of experience working for electric, water, wastewater and solid waste utilities including the Snohomish County Public Utility District No. 1, City of Richland, Energy Northwest, and the City of Port Angeles.

Larry has served on the Energy Northwest Board of Directors since October 2008 and on the Board of Trustees for the Northwest Public Power Association since May 2009.

Larry Dunbar earned a Business Administration degree from Washington State University and also has degrees in Energy Management and Industrial Refrigeration. He is an active member of the Association of Energy Engineers and the National Association of Telecommunications Officers.

Jim Eber

Jim is Manager Demand Response and Dynamic Pricing at ComEd. Jim is responsible for managing ComEd's portfolio of demand response products, one of the most robust in the nation with the capability to reduce system peak demand by over 1000 MWs. Besides demand response products, Eber manages the Residential Real Time Pricing Program, AMI Customer Applications Pilot, and Energy Data Services. He has over twenty years experience in design, operation, and management of customer-related utility programs. He has recently been focused on dynamic pricing, customer rate, and technology applications in coordination with the company's AMI pilot. Jim received a Bachelor of Science in Mechanical Engineering degree from Bradley University.

Jeffrey Evans

Jeff Evans is an Executive Consultant at Enspira Solutions with over 19 years of experience in the utility field. He has particular expertise in Smart Grid and AMI solutions and related technologies. His areas of expertise include strategy development, requirements analysis, business case development, solution benefits identification and qualification, vendor evaluation, contract negotiations, solution implementation and project management. Mr. Evans holds a BS in Mechanical Engineering and an MBA.

Mark Fabro

Mark is the President and Chief Security Scientist for Lofty Perch, Inc., a market leading security technology company focused on SCADA and control system cyber security. As a recognized expert in cyber-attack forecasting and non-traditional threat vectors, his core expertise is in developing defensive and forensic computing strategies for SCADA and industrial control systems. Mark is on the board of UTC Smart Networks Security Committee, helped found the Repository for Industrials Security Incidents (RISI), and is a member of both ICSJWG and the NERC Smart Grid Task Force. In addition to testifying to US Congress on cyber threats to the North American Bulk Power System, his government work has been extensive and has included both US and Canadian Departments of Defense, White House, RCMP, DHS, NSA, and Department of State. On the research side he is a contributing developer to the DHS CSET assessment capability, explores vulnerabilities in AMI and Smart Grid mesh communications, is the co-founder of the SCADASEC mailing list, and is involved in several international working groups addressing 'denial of control' within the process control and SCADA domain. He has a degree in applied physics and mathematics from the University of Guelph and is working on a PhD in Electrical and Information Engineering.

Mike Farrell

OG&E Director Customer Programs

Matt Falconer

Matt is the Director of Government and Community Relations at Rappahannock EMC.

Tracy Felix

Tracy Felix is the Director of the Revenue Services Organization in the Customer Service Business Unit of Southern California Edison. She manages an organization of 350 employees across multiple disciplines responsible for the company's Billing, Credit, and Payment Services functions. This organization issues over 50 million bills annually and manages various systems and processes to collect SCE's annual revenue of approximately \$10 billion.

Tracy began her Edison career in 1991 as a college summer intern in the Customer Communication Center and has held a variety of roles within Customer Service. She managed the Credit, Payment and Billing operational functions before becoming the Director over Revenue Services. She has managed several projects including Direct Access restructuring and several key internal process improvements. She was the witness for SCE's General Rate Case, sponsoring all Revenue Services related operations. She has held positions in Energy Efficiency, Consumer Affairs and various staff and support functions. Tracy earned her BS in Business Administration at University of California, Riverside

Brian Fiut

Brian is a product manager for Itron. His background includes 5 years as a radio technician in the US Air Force, a BSEE in Electrical Engineering, 10 years as an RF Engineer with Cellular One and Verizon Cellular, and the last 5 years as a product Manager with Itron in Spokane, Washington. Brian believes the power to measure is the power to improve and has been very involved with utilities in using advanced interval data analytics to enhance customer engagement, increase operational efficiency, and improve system integrity using the advanced analytic tools provided by Itron.

Tor Garman

Tor Garman is a Project Manager at NV Energy with a focus in Demand Response, Distributed Energy, and Smart Grid projects. NV Energy provides electric service to most of Nevada and is the recipient of Smart Grid Investment Grants as part of the American Recovery and Reinvestment Act of 2009. NV Energy is applying this grant money, in part, to accelerate the development of hardware and software that automates customer responses to changes in electricity prices. In other words, NV Energy is working with vendors to develop products, integrations between products, and the associated business processes. Once implemented, NV Energy customers can choose to use these products to automate their response to changes in electricity prices. As prices increase, technology can respond automatically based on the customer's comfort choices.

Tor manages the development of these products, integrations, and business processes on behalf of NV Energy. Prior to working at NV Energy, Tor supported the Smart Meter project at San Diego Gas & Electric as well as a pilot study in California that researched customer responses to dynamic electric rates (i.e., the California Statewide Pricing Pilot.) Tor received a Bachelor of Science from Vanderbilt University School of Engineering in 1996 in Mathematics and Computer Science, and is a Certified Energy Manager (C.E.M.).

Michael Garrett

Georgia Power

Josh Gerber

Josh Gerber is Lead Architect for Smart Grid at San Diego Gas & Electric (SDG&E), a Sempra Energy utility. In his role leading enterprise-wide smart grid strategy, policy, and project alignment, with a focus on IT infrastructure, networking and security, Josh recently led the development of SDG&E's Smart Grid Deployment Plan.

Prior to joining Sempra, Josh was a Systems Engineer at Inflow, Inc., now part of SunGard Availability Services. In his 15+ year career, including 9 years with the Sempra utilities, Josh has held multiple senior positions involving the planning, design, and implementation of smart grid, advanced metering, and data center infrastructure. Josh serves as SDG&E's representative on the UCAIUG OpenSG Technical Committee and the NIST Smart Grid Interoperability Panel.

Jasvir Gill

Jasvir is the founder and CEO of AlertEnterprise. An early pioneer in establishing governance risk and compliance as a software market segment, Jasvir was the founder and CEO of application security company Virsa Systems. Virsa Systems was acquired by SAP. More than 1,000 enterprise customers, including leading utilities are deriving value from this software. Jasvir left SAP to establish AlertEnterprise and implement his vision to deliver the next generation of security applications

Cliff Gleicher

Pacific Gas & Electric

Audrey Gleissl

Audrey is AMI Technical Lead at PPL Electric Utilities. She has a bachelor's degree from Muhlenberg College, and has been with PPL Electric Utilities for over 25 years. She has worked in Customer Service, Marketing, and Distribution Operations until coming to the Advanced Metering Infrastructure group. For the past 8 years she has been a member of PPL EU's Advance Metering and Data Operations Team. She is an AMI Technical lead that held responsibilities for operating PPL EU's power line carrier meter reading system reading 1.4 million meters, and currently manages Smart Meter Projects.

Michael Godorov

Mike is the Project Lead and Manager of Compliance for PPL Electric Utilities' Smart Grid project. Previous to this assignment, Mike led the Advanced Metering & Data Management Operations as well as the establishment of PPL Electric Utilities' Smart Meter Plan. He has a varied experience at PPL where Mike has held individual contributor and leadership positions throughout his career in construction, marketing, distribution, power delivery and customer services. Mike received a Bachelor of Science degree in Mechanical Engineering from Spring Garden College, Chestnut Hill, PA and a Master of Business Administration degree from the University of Scranton. He is also a registered Professional Engineer in the Commonwealth of PA

Tom Graham

Tom is the President of Pepco Region, which serves more than 730,000 electricity customers in the District of Columbia and Montgomery and Prince George's counties in Maryland. Tom has held many leadership positions during his 19 years with Pepco, most recently as regional vice president, Prince George's County. His duties have included regional vice president, manager of Strategic Accounts and manager of Billing Services and Investigations. He also was responsible for the design and management of Pepco's Community Partnership Program, which received industry excellence awards from Edison Electric Institute and the Southeastern Electric Exchange. Tom is a member of Leadership Montgomery and Leadership Prince George's and serves as director of the Chamber of Commerce, Economic Development Corporation and Black Chamber of Commerce in Prince George's County. He also is on the steering committee of Men-to-Men Youth Empowerment Coalition. He is a graduate of the University of Tampa, Florida.

Shawndra Green

Shawndra is an Engineering Manager for Bryan Texas Utilities. Her areas of responsibility include Line Design, Distribution Engineering, and Electric Metering Departments. She is a key member of the AMI team responsible for choosing and implementing the Sensus FlexNet AMI system.

Shawndra began working at BTU in November of 2002. Previously she worked as a Distribution Engineer for Xcel Energy. Shawndra received her B.S. in Electrical Engineering from Texas A&M University in College Station, TX. She is a Texas Licensed Professional Engineer.

Louise Gross

Louise Gross has been with PPL for 27 years and currently holds a position of AMI Operations Specialist. During her time with PPL, she gained a broad range of experience in the energy industry including positions in Administrative, Customer Service, Field Service, as well as, Automated Metering Infrastructure. In her current position, she is responsible for the daily operations of the MDM system. In addition, Louise supports various business units at PPL by providing detailed systems analysis, that enable PPL to further refine the various functions of the MDM system at PPL.

Steve Hadden

Steve Hadden is a managing consultant with SAIC Energy, Environment & Infrastructure LLC. Since 1990, Steve has been a specialist and expert in the business and technologies of utility automation. He guides utility technology strategy, procurement, and deployment. He provides regulatory support and expert testimony. In the 1970s and 1980s, he was Engineering Manager at GE developing computerized controls for mechanical and electrical systems. He was responsible for new systems from R&D through field support of mass-produced product. Steve holds the BS degree in Engineering Physics, and six US patents.

David Hanes

Neptune

Patti Harper-Slaboszewicz

Patti is a Business Strategy Senior Specialist Consultant with CSC/ Utility Industry Division, a global leader of technology enabled business solutions and services. She leads the firm's smart grid consulting work for utility business clients as they plan and implement smart metering, dynamic pricing and energy efficiency programs. Her current focus is on planning products and services for utility retail customers.

She previously led the AMI MDM Working Group to assist utilities in understanding the need for meter data management (MDM) and to successfully implement MDM. She was project manager for the award winning PowerCentsDC dynamic pricing pilot program in the District of Columbia and presented the results of the program to the Executive Office of the President, the Department of Energy, and the National Science and Technology Council along with the rest of the program team. She started her utility career at Pacific Gas and Electric Company in the IT and Rate Departments, where she fielded the first time-of-use study for small commercial customers.

Ms. Harper-Slaboszewicz received her BA in Mathematics and MA in Economics from UC Berkeley.

Maureen Harris

Maureen serves as Commissioner of the New York State Public Service Commission since 2006. Her term runs through February, 2012. Maureen began her legal career as an Assistant Attorney General at

the Litigation Department of the New York State Attorney General's Office. Prior to joining the Public Service Commission, Ms. Harris practiced law in a private law firm. A member of the Telecommunications Committee of the National Association of Regulatory Commissioners (NARUC) since 2006, Ms. Harris was appointed Vice-Chair of the Telecommunications Committee in July of 2007. She is also a member of NARUC's Critical Infrastructure Committee. Recently, Ms. Harris was appointed to the FERC/NARUC Smart Response Collaborative and Co-Chair of the Smart Grid Working Group for NARUC. She is also on the Communications Government Coordinating Council and the NARUC representative to the Communications Security, Reliability and Interoperability Council (CSRIC) at the FCC.

Curtis Hartdegen

Curtis is a Field Engineer for San Francisco Water Power Sewer currently working on their Automated Water Meter Program. They are currently installing 180,000 meters. He has been with the program for two years. He is also the Co-chairman for Aclara's Customer Advisory Team of the Gas & Water Product Subcommittee.

Robert Hatcher

Robert is a Senior Engineer at Georgia Power Company, A Southern Company. He joined the Georgia Power AMI team in 2007 as a network engineer. He is responsible for management and maintenance of the AMI head end system and back-end system interfaces. In this role he has developed several automated business processes for metric collection and reporting, exception reporting, and data migration.

Prior to 2007, Robert worked in IT at the Southern Company for 30 years. He has worked in Applications Programming, Systems Support and Operations, and Database Support. During this tenure he worked on many cross functional projects that have involved various business units including Nuclear, Transmission, Distribution and Financial.

Donny Helm

Donny has over twenty years of experience in the electric utility industry including the areas of Distribution Engineering, Customer Service and Marketing, Transmission Operations, Transmission Performance Analysis and Technology. Of this time, sixteen years was associated with the management of Transmission-related activities.

Mr. Helm's primary field of experience has been in Transmission Operations, Transmission system event monitoring and coordination, Transmission system performance / statistics, Transmission work management processes and systems, Transmission outage management processes and systems, Transmission network communications standards, Transmission equipment condition monitoring systems and processes.

In his current position, Mr. Helm provides and manages technology strategy for all organizations within Oncor Electric Delivery with respect to systems, system integration technologies, network communication technologies and security. Mr. Helm is also an active participant in the Smart Grid Testing and Certification Committee as part of the National Institute of Standards and Technology (NIST) initiative under the Energy Independence and Security Act (EISA) of 2007.

Kendall Hestilow

Kendall has worked for Oncor Electric Delivery for the past 3 years. His current role is that of HAN Program Manager. In that role he has supported various pilot programs including the deployment of

500 In Home Monitors to customers across the Oncor territory. In this role he also provides direct support for device manufacturers, and Retail Electric Providers who are launching their own programs.

Kendall has a BS in Electrical Engineering from the University of Texas at Arlington.

Gary High

Gary serves as Landis+Gyr's Vice President of system sales for North America. An industry veteran with more than 20 years experience marketing to utilities, he brings a diverse background in metering, software and communications to his position. He is responsible for managing the sales strategy for both the combined advanced metering and smart grid communications segment of the business, as well as expanding the company's business services practice. Before assuming this role, he held the position of Vice President of AMI solutions at Hunt Technologies. Prior to joining the Landis+Gyr organization, he was VP of Sales and Marketing at LogicaCMG, a global provider of IT and business services. He also held various positions within Schlumberger during a fourteen year span with that company's metering and utilities segments. He is a graduate of Texas A&M with a degree in industrial distribution. He resides with his family in Atlanta, GA.

Jerry Hinshaw

Jerry, VP Technology, Tavormina and Associates, Inc., is a RF industry expert with 25 years in the utility, telecommunications, and defense industry. Since 2009, Mr. Hinshaw has provided technical leadership for the RF network design and field engineering team, and is responsible for designing and validating solutions for the Pacific Gas and Electric SmartMeter™ deployment.

Jean Holderried

PECO

Doug Houseman

Doug is Vice President of Technology and Innovations at Enernex since 2009. He has extensive experience in the energy and utility industry and has been involved in projects in more than 30 countries over the last 30 years. He is a member of the NIST/EPRI smart grid framework architecture team and helped develop the NIST smart grid framework model. He is also a member of the Open-Smart Grid working group with specific work in Utility-AMI, AMI-Sec, OpenHAN, and Enterprise-AMI and is working on the DR, Load Control and Security task forces. Doug was Chairman of Smart Metering Europe 2008 and 2009. Facilitator of Smart Grid-Africa 2008, Member of the US Department of Energy Smart Grid working group. Co-author of the EPRI Clean-Tech Dashboard. He is working on a PhD, Naval Architecture. He holds a B.S., Naval Architecture, The United States Naval Academy from the University of Michigan, Ann Arbor.

Brian Huey

Brian manages partnerships and ecosystem development Smart Grid and electric utilities. He has built innovative partnerships to enable the Smart Grid. He's built partnerships in AMI, Demand Response, Distribution Automation, energy management applications, micro grid generation and EV Charging. He continues to advance grid intelligence by building connectivity into substation components, in-premise energy controls and is planning for the impact of EV charging on the grid. Brian brings a unique perspective of applying, pulling knowledge from the telecom industry and to discern the opportunities and challenges in Smart Grid. An experienced thought leader with 15 years of experience in telecommunications spanning wireless and wireline services, Brian has held various roles encompassing strategic planning, product development, ecommerce, sales and engineering. He is recognized as an individual who can bridge complex topics and challenges with real-world business

models. Lastly, Brian understands the intricate carrier business model and industry economics. Brian holds an accredited Executive MBA from the University of Missouri – Kansas City and a BSEE from the University of Nevada - Las Vegas.

Scott Johnson

Scott is a senior research analyst at Chartwell, based in Atlanta. He facilitates the company's Smart Grid Customer Engagement and Outage Communications research councils and researches technology-related issues. He joined Chartwell in 2006 and has presented his research findings at numerous industry conferences.

Stephen Johnson

Stephen is a Senior Product Marketing Manager for Itron, focusing on "behind the meter" applications in smart grid systems, including demand response, dynamic pricing, PEVs and customer engagement. At Itron, Stephen has focused on advanced electricity metering applications and data collection systems.

Marc Jones

Marc is responsible for product management and business development for Telvent's Conductor Meter Data Management solution. He has over 25 years of experience supplying utilities with enterprise IT & wireless solutions. Prior to joining Telvent, Marc held various senior technical sales positions with Trilliant, GRIDiant, and Itron. He was President and CEO of eMobile Data Corporation until it was acquired by Itron in 2003. Marc holds a diploma in Telecommunications Technology from the Southern Alberta Institute of Technology.

Todd Jordan

Todd Jordan has 15 years of marketing and project management experience, most recently as Director of Market Development for Rappahannock Electric Cooperative. Todd directs the marketing and demand-side management programs for the Cooperative, as well as the ongoing marketing research activities. Todd is responsible for subsidiary operations and the development and implementation of applicable products and services. Additionally, Todd served as the Program Sponsor for the Cooperative's SGIG initiative.

Tom Kerestes

Tom is a Senior Manager at West Monroe Partners. He has 36 years of experience in the energy utility business, 25 years hands-on experience running crews, managing T&D operations, and functioning as CIO of a major upper Midwest investor owned electric and gas utility. Now with West Monroe Partners, Tom has been consulting for the past 11 years and has recently assisted Rappahannock Electric Cooperative in their SGIG initiative, including the formation of their Smart Grid Communication Strategy. Tom is a Professional Engineer.

Gary Kessler

Gary is enterprise architect for smart grid at Texas New Mexico Power.

Michael Key

Ernst & Young, LLC

Charles Kiely

Charles W. Kiely is the Assistant General Manager of Consumer Services for DC Water in Washington, DC. Under his direction, DC Water was the first water and sewer utility to implement an advanced metering infrastructure project. This core project laid the foundation for the many award winning services and business process improvements implemented at DC Water to enhance the customer experience.

Al King

Al is the Director, Application Engineering at CalAmp. He has over thirty years of communications experience in the SCADA and Data Communications field. He received his technical education in the U.S.A.F, the Community College of the Air Force and the University of La Verne. He also is a Cisco Certified Network Associate. Al's current responsibilities at CalAmp are interfacing with customers to deliver wireless communications solutions that meet their requirements and working directly with engineering on product development.

Mark Knight

Mark is Director of Grid Applications at KEMA. In his role at KEMA he is focused on the integration with and impact on utility processes and applications required to support information sharing and to prioritize areas that will benefit directly from smart grid data in order to define the value propositions for the new uses of data and to enhance interoperability.

Michelle Kolp

We Energies

Susan Komornik

Susan, a Principal with The Cadmus Group, managed the ENERGY STAR Marketing and Media Retail Outreach program upon joining the company in 2005. Her retail clients include Lowes, Sears, Menards, and Nationwide. She was selected for this role as a result of her unique background with retail, utility programs, and energy efficiency. In early 2009, Susan joined the Energy Services Group of Cadmus, supporting the analysis of the California Public Utilities Commission (CPUC) Lighting Programs, Black Hills Gas and Electric program marketing, and trainer for AESP's Program Marketing seminars. Ms. Komornik managed the brand development and marketing for the unique statewide efficiency program for the Delaware Sustainable Energy Utility (DSEU), and in 2010 led the Massachusetts Statewide Customer Education initiative. In November of 2010 and currently, Susan manages the Delmarva Power Smart Meter Customer Education campaign.

Erik Krause

Erik has led SMUD's Smart Meter project since 2006. Its objective is to deploy over 600,000 meters to all SMUD customers by the end of March 2012, ultimately creating the foundation for the smart grid. The SMUD smart grid project, SmartSacramento, a partnership with local colleges and the state, received a \$127 million DOE grant in 2009. The grant will significantly accelerate deployment of advanced technologies improving grid reliability and efficiency, and cutting greenhouse gas emissions years sooner than could otherwise be accomplished. Krause joined SMUD in 2001. He received his MBA from the University of Washington, Seattle and Bachelors degree in Economics from U.C. Davis.

Michael Kuberski

Michael is Enterprise Architecture, Business Transformation, for Pepco Holdings, Inc., a regional energy holding company and parent company of Atlantic City Electric, Delmarva Power and Pepco. In his current position, Michael is responsible for developing and managing PHI's approach to evaluating and implementing new and existing technologies on the electric system. He is a key member of the

team responsible for development of PHI's Smart Grid with oversight responsibility for cyber security requirements. Michael joined Pepco's Engineering Group in 1987, and has progressed through a series of positions from Engineer to Manager Enterprise Architecture. He has more than 20 years of experience planning additions and engineering changes to Pepco's/PHI's electric system, telecommunications infrastructure, voice communications systems and corporate applications. He is a graduate of George Washington University. He holds a Bachelor of Science degree in Electrical Engineering.

Craig Kuennen

Craig is the Business Transformation and Marketing Administrator and Smart Grid Project Sponsor for Glendale Water & Power. For the past four years Craig has led GWP's \$70 million Smart Grid project. In addition to Smart Grid, Craig is responsible for the design and delivery of all GWP public benefit programs, marketing and communications services, and key account services. Craig has twelve years of progressively responsible, professional, broad-based experience with Glendale Water & Power, including smart grid strategic planning, development, deployment and project management, marketing and communications, demand response, demand side management, customer engagement, and business retention programs. Craig holds a Bachelor's in Business Administration and a Master's in Business Administration in Financial Management from National University, and a Master's in Philosophy degree from San Diego State University. In addition to his degrees, Craig completed three years of study as a PhD candidate at the University of Delaware's Center for Energy and Environmental Policy where his research focused on the evolution and interconnectedness of technology, humanity, and the environment.

Nadja Lalvani

Nadja has served as Community Relations Manager for the City of Naperville since April 2007. As the city's primary spokesperson, Nadja leads internal and external communications for the city as well as marketing and public relations. Nadja was instrumental in the city's adoption of social media platforms for integration with the City of Naperville Web site, and she continually seeks out new ways to communicate effectively with the city's constituents. Nadja holds a Bachelor of Science in Public Relations from Illinois State University with minors in Political Science and Broadcast Journalism.

Previously, Nadja worked in several capacities within the Illinois State Treasurer's Office. Her roles included planning and executing all special events throughout the State of Illinois for the Treasurer's Office, coordinating outreach with ethnic communities around the state, and coordinating Asian American and intergovernmental affairs for the Illinois State Treasurer. Nadja was part of a two-person Campaign Finance team responsible for all fundraising efforts for former Illinois State Treasurer Judy Baar Topinka's primary and general gubernatorial campaigns. Nadja was elected as a delegate to the 2008 Republican National Convention representing Illinois' 7th Congressional District.

Doug Lambert

Doug is the IT Manager for San Bernard Electric Coop in Bellville, Texas. He has 19 years of experience in the Electric Utility industry fulfilling their technology needs. As IT Manager, Doug oversees the operations within Mapping, Customer Information Systems, Network Administration and SCADA dispatch.

Adam Light

Adam Light, Ph.D., is a Management Consultant and Principal at SoTech Advisors where he helps utility sector leaders enhance asset performance by finding ever-better ways of combining information technology with human capital.

Adam has over fifteen years experience planning and executing complex development and delivery initiatives across applications ranging from shrink-wrapped software to information services in business domains from natural resources management to financial services and supply chain optimization. He has focused for more than six years on delivering utility solutions where he has developed deep expertise in the use of Lean and Agile methods for project and program management.

Adam has created the conditions for success with as few as three and as many as twenty agile teams at a time, using agile methods and critical chain techniques to turn around failing projects, revive ailing organizations, and redesign application delivery at the enterprise scale. His experience and broad perspective enable him to rapidly deliver return on investment from large projects.

Barbara Lockwood

Barbara is the Director of Energy Innovation for Arizona Public Service (APS) where she orchestrates smart grid, renewable energy and, technology innovation efforts. Prior to her current role, She has served as the founding director of Smart Grid as well as the founding director of Renewable Energy at APS. She joined APS in 1999. She began her career at DuPont in chemical engineering and management roles. She holds a Bachelor of Science in Chemical Engineering from Clemson University and a Master of Science degree in Environmental Engineering from Georgia Institute of Technology. Lockwood is a registered professional chemical engineer in Arizona.

Tom Logan

Tom is a Project Manager for San Diego Gas and Electric's Smart Meter Program. For the last five years, he has been responsible for overseeing the development and implementation of almost 100 end-to-end business processes necessary to deploy and leverage over 2 million gas and electric meters. These processes covered all core business functions, including deployment, meter reading, interval billing, outage detection, firmware changes, and remote connect and disconnect. As part of Tom's responsibility, he has been charged with engaging the business managers who are to be responsible for operating the new processes and ensuring they have a full sense of ownership.

Joseph LoPorto

Joe is Manager, Special Projects Distribution Automation Program at Pepco Holdings, Inc. Joe is a Professional Electrical Engineer with 30 years of utility industry experience in the areas of System Planning, Distribution Standards, Asset Management, Capital and Maintenance Budget Management, Technology Strategy, and Project Management. Currently, he is leading a PHI wide effort to implement distribution automation projects which are partially funded by the Smart Grid Investment Grant.

John Marshall

John is a Professional Electrical Engineer with over 30 years experience in the Electric Utility Industry. He has been a Planning Engineer, Project Engineer, Mapping Supervisor and Distribution Engineering SME on numerous GIS – based projects. His early work in electric utility operating mapping (originally with CAD) led to a curiosity about Geospatial Information Systems. His first exposure to GIS project work was the preparation in 1997 of an RFP for Hydro One's first GIS for facilities and outage management. In 2003, he was the Electric Distribution SME for the configuration and deployment of the ESRI/ArcFM project which culminated in the roll out in 2004 of the Mobile Designer to over 300 field technicians, the largest implementation of its kind.

Subsequently he has been the LOB project lead for development of an ETL implementation for the population of the Enterprise Geodatabase with Distribution facilities data collected over a 6 year period.

Currently, John leads a specialized corps of 15 GIS Technicians which undertakes post processing and QA on a feeder by feeder basis; this has resulted in a fully connected Distribution Electric model of almost 1200 substations and over 3000 feeders.

Recently, he was the Hydro One Project Manager for an offshore data conversion project, which brought extensive underground facility data into the GIS from legacy CAD files. John has also been involved in several projects to incorporate GIS data into Hydro One business processes, including a CYME Gateway ETL project, and a bi-directional CAD-GIS data transfer solution.

John is very gratified that Hydro One Networks is giving attention to efforts to develop the GIS, as corporate stakeholders are now aware that this is a key building block in the development of an intelligent Advanced Distribution System that is more efficient, reliable, and which will enable greater penetration of distributed renewable energy generation sources.

JC Martin

JC is the Home Area Network Manager at San Diego Gas & Electric. He has over 21 years of energy industry experience. His current duties focus on implementing a Home Area Network for SDG&E's 1.4 million customers, utilizing the Smart Meter communications network to provide customers with increased awareness and control of their energy use and costs. His prior experience includes tariff development for demand response rates and programs, measurement and evaluation of demand side management programs, and load research of customer energy use.

Ed May

Ed is the Director of Product Marketing at Itron, where he is responsible for building market awareness, strategic alliances, and strategies for Itron's smart grid solution, OpenWay. Ed joined Itron in 1986. For the last 25 years, his duties and responsibilities include systems engineering and marketing and sales. He has been focused on optimizing utility business practices, encompassing field workforce automation, distribution automation and AMR. Ed is a member of the GridWise Alliance, NEMA Smart Grid Council, and a board member of the ZigBee Alliance.

Linn McClelland

Linn is IT Manager at DC Water. Linn McClelland has over 20 years experience applying information technology to improve business operations and generations of successful system implementations. His experience includes consulting to Fortune 100 firms on application and system deployment, management and ownership of the entire product development life cycle for customer, billing and information systems. He has been the Enterprise Applications Business Manager with the District of Columbia Water and Sewer Authority Water Information Technology group for 3years, applying his knowledge to increase efficiency in project activities as well as day to day system operations and support. He has also presented some of the innovative work being accomplished within DC Water at user and industry conferences including Automated Meter Reading System Dashboards and process improvement success stories.

Campbell McCool

Since 2009, Campbell has served as SmartSynch's Chief Marketing Officer. In 1992, he formed McCool Communications and The Calliope Group, growing them into two of the Southeast's most respected boutique marketing and advertising firms before they were acquired by Maxxcom in 2001. He has worked on strategic projects for the University of Mississippi and the Barksdale Reading Institute. He is an alumnus of the University of Mississippi.

Joseph McCormick

Joe is Manager-AMI Benefit Realization in the Major Enterprise Project organization at Detroit Edison, a subsidiary of DTE Energy. Joe is responsible for benefit realization, business integration, and all reporting requirements for the AMI organization and the Smart Grid Investment grant at DTE Energy. Joe has over 26 years of experience in the utility industry and has lead initiatives for Major Enterprise Projects, Power Generation, Distribution Operations and President's Staff.

Joe earned a Bachelor of Business Administration from Eastern Michigan University and a Master of Public Administration from Wayne State University. He serves on numerous community boards and is certified by the Michigan High School Athletic Association as a trainer and assignor of basketball officials.

Joe is a lifetime resident of Michigan and has been married to his wife Cathy of 20 years.

Shawn McDonough

Shawn is Smart Grid Manager at Rappahannock Electric. He has 23 years of experience in the energy utility business. He was with Allegheny Power for nearly 22 years and his experience ranged from engineering, IT systems development and integration, to field operations management. In June 2010, Shawn transitioned to Rappahannock Electric Cooperative through an acquisition of Allegheny Power's Virginia assets. In October 2010, he took over responsibility for the development of Rappahannock Electric Cooperative's newly created Program Management Office.

Avygdor Moise

Dr. Avygdor Moise is president of Future DOS R&D Inc. and its SmartGrid operations unit, The Energy Communications Management eXchange (ECMX). He is an AMI and systems-implementation consultant and integrator to American and Canadian electrical utilities. Dr. Moise is the author of the User's Guide for MC/ANSI/IEEE Standard Data Communication Protocol for Electronic Metering. He is a significant contributor to the "Smart Grid/AEIC AMI Interoperability Standard Guidelines for ANSI C12.19 End Device Communications and Supporting Enterprise Devices, Networks and Related Accessories", NIST CSWGs and Canada's SCC SGTF. He also chairs the Data Communication Working Group of the Measurement Canada Task Force on Data Communications Protocol for Electronic Metering Devices; chairperson of the ANSI C12 SC17 WG2, ANSI C12.19, who developed the utility industry standard tables. Dr. Moise has been instrumental in the development of ANSI C12.22 deployment testing tools, procedures and certification protocols of the communication interfaces for electricity meters, and AMI connectivity for its clients. Major contributor to the secured audit trail management for ANSI metering and TDL/EDL data exchanged Standards for enterprise AMI. Recently Dr. Moise established created the C12.19 End Device Registry technology and DNS services (ECMX®) the developer of the TDL/EDL certifiable schema and technology for use by ANSI C12.19 / IEEE 1377 and ANSI C12.22 / IEEE 1703.

Dr. Avygdor Moise has developed and delivers University and industry level courses in metering, architecture and data acquisition. In the past years he was engaged in delivering one to five day courses and workshops to Utilities, Regulators, Utilometrics, Metering International, meter manufacturers and AMI vendors.

Jeffrey Monder

Jeff is the Chief Information Officer at Central Vermont Public Service Corporation. After working as an IT professional in finance, petroleum and consulting, Jeff began at Central Vermont Public Service in 1994. He has overseen numerous transitions in technology. Last year, CVPS and other Vermont utilities partnered with State Government to submit a stunningly successful SGIG application to the DOE. Jeff considers himself privileged to participate in this uniquely collaborative endeavor to implement the smart grid in Vermont.

David Mulder

Dave is Senior Consultant - Emerging Technologies at SAIC. He has more than 26 years experience in the utility industry, working for a variety of organizations. His responsibilities have included product and technology development, strategic planning, forecasting, and venture capital investment.

David is Senior Consultant, Emerging Technologies at Science Applications International Corporation (SAIC). His project responsibilities include technology prioritization, technical and business case analysis, vendor partnership development, and bench and field testing of new technologies and applications. Previously, David was Director, Green Grid Initiatives in Capgemini's North American Smart Energy Services Practice, where his focus was the development of research, analysis and implementation strategies for the impact of renewables and demand response devices on the utility's smart grid.

David holds a BA in Economics, Magna Cum Laude from Beloit College and a MBA from the University of Wisconsin.

Monica Murphy

GM

Sue Mulla

Arizona Public Service

Varun Nagaraj

Senior Vice President of Product Management and Product Marketing, Echelon Corporation

Doug Neely

Doug is a consultant with Sensus. He has 35 years experience in the utility industry, primarily water. He has held several positions with Sensus including sales, marketing, and general management and VP level. Most recently, until transition to consultancy, he held the position of VP of Sales – North America. Doug has an Executive MBA from Georgia State University.

Tom Netter

Tom is AMI-IT Project Manager at DTE Energy. He is currently an ITS Project Manager for the AMI project effort at DTE Energy. He has over 32 years of IT experience at DTE Energy and Michigan Consolidated Gas Company (a subsidiary of DTE Energy) in various technical roles, including over twenty years as a database administrator. Four years ago, Tom changed roles and accepted an opportunity to lead a project team in the planning and deployment of the new AMI applications and infrastructure at DTE Energy. The project effort includes building and operating the application integration layer between the core AMI systems and the key business applications. When fully deployed, the AMI systems at DTE Energy will support over four million electric and gas meters. Tom is a resident of the Detroit area, married to his wife Julie, and has five children, ages 11 to 25.

Robert Nowosielski

Bob is Principle Business Analyst -- Smart Grid/Smart Meter at PECO. He has worked for PECO Energy in various distribution operations roles for 41 years. He earned a BS degree in Computer Science from Drexel University. He is currently working on a PECO's Smart Grid/Smart Meter program as a business analyst. His current responsibilities include development of the PECO Smart Meter Deployment plan.

David O'Brien

Dave joined Bridge Energy Group in January of 2011 as is Director of Regulatory Strategy & Compliance. As regulatory lead at BRIDGE, Dave offers insight and solutions to utility companies seeking regulatory approval of smart grid projects and works to broadly communicate how critical a smarter grid is to our energy policy. Previously, Dave served as Commissioner of the Vermont Department of Public Service from 2003 to 2011. As Commissioner he was responsible for regulation of the electric, natural gas, telecommunications and water industries in Vermont. During his tenure he made long term power supply, expanded broadband and wireless coverage and smart grid development his priorities. Prior to that, he served as Executive Director of the Rutland Economic Development Corporation, a private non-profit responsible for business expansion, growth, and retention in Rutland County, Vermont. He was also a commercial banker at Peoples Bank in Connecticut. Dave holds a Bachelors degree in accounting from the University of Bridgeport and a Masters in Finance from Fairfield University. He resides in Rutland with his wife Marci, son Billy and new daughter Anna.

Brian Otley

Brian is the Leader of Technology Operations at Green Mountain Power, and is leading GMP's Smart Grid program. Brian joined GMP in 2008 as Director of Information Technologies. Prior to GMP, Brian spent 20 years in the healthcare IT sector, most recently as General Manager of GE Healthcare's \$180 million ambulatory physician business segment. Brian is a graduate of Dartmouth College and lives in Charlotte, VT with his wife and three children.

Richard O'Toole

As Director of ComEd's AMI Pilot project, Richard is responsible for design, implementation, operation and evaluation. Prior to this assignment, he has held various corporate and line positions at ComEd along with a short stint at a municipal utility in Ontario, Canada. He has a B.S. in Mechanical Engineering from University of Notre Dame and a M.M. Degree from Northwestern University.

Andy Owens

Andy has an extensive engineering, IT, and management background in multiple industries. Over a span of 30 years, he has managed enterprise technical services and led major technology initiatives in the defense, logistics, and utility domains.

At SAIC, Andy guides utility clients in specification, procurement, and integration of advanced metering and meter data management resources. At Niagara Mohawk Power Corporation Andy led several major business computing and network initiatives. Previously, Andy managed all voice and data communication resources at Central Vermont Public Service.

Dave Packard

Dave is President of ClipperCreek. He started in the EV industry in 1993 with the Rapid Charging Company EPTI in Atlanta. He then joined his current partners at EVI as VP of Sales. EVI was the primary conductive Electric Vehicle charging station manufacturer through the 2003.

Dave and his partners Jason France and Mike Rogers started ClipperCreek in 2006 to design manufacture and deliver charging stations for the plug in vehicle market. ClipperCreek currently supplies Tesla, Smart and numerous other customers and is the leading infrastructure supplier.

Dave has his Bachelors in Mechanical and Masters in Civil Engineering from The University of Massachusetts.

Dan Partridge

Dan, Manager, SmartMeter™ Engineering at Pacific Gas and Electric Co. has over 30 years of utility technology experience, and has served in a number of leadership roles both at Pacific Gas and Electric Co. and at innovative technology start-ups. Since 2005, Mr. Partridge has been responsible for the architecture, vendor selection, and technical implementation of Pacific Gas and Electric Co. electric and gas SmartMeter™ communication networks.

Ron Pate

Ron is the Senior Product Manager at Elster Solutions. He is responsible for the mesh local area network technology as well as electrical components of the Elster EnergyAxis Smart Grid solution. He has worked with electric utilities extensively since 1989 and has worked for Westinghouse, ABB, Ohio Transformer, Grand Eagle and Elster. Throughout his twenty years in the business, Pate has been involved in the engineering development and marketing of instrument transformers power transformers, electricity meters, and metering systems. He holds a BS Electrical Engineering with honors from North Carolina State University.

Mahendra Patel

Mahendra Patel is Sr. Business Solutions Engineer in Applied Solutions Department of PJM Interconnection, L.L.C. In his present position, Mahendra participates in identification, evaluation and development of advanced technologies to help PJM succeed in its core mission. Some of the areas he is addressing are development and implementation of Synchrophasor Technologies, Methods of defining Load Deliverability Areas and Adaptive Islanding.

Before joining Applied Solutions Mahendra was manager of the Generation Analysis Department in System Planning Division at PJM. Prior to joining PJM, Mahendra was a consulting engineer in the Transmission Policy Department of Allegheny Power. He has about 38 years of experience mainly in electrical power systems, mainly in System Protection, Transmission Planning, System Dynamics, Voltage Stability Analysis, Power system transients and Power Quality.

Mahendra received B.S. in Electrical Engineering from S. P. University, India, M.S.E.E. from West Virginia University, Morgantown, WV and M.B.A. from University of Pittsburgh, Pittsburgh, PA.

Aaron Patterson

Aaron is General Manager of Engineering at Enspira Solutions, a Black and Veatch Company. Mr. Patterson has been involved in architecting, designing, developing and delivering large-scale systems for utility companies around the world for over 15 years. He holds a BS degree in Business Information Technology from the University of Northumbria, United Kingdom and can be reached at apatterson@enspiria.com or 720 427 2238.

Patrick Petersilia

Patrick is the director of the advanced meter project for Southern California Gas Company (SoCalGas), a Sempra Energy regulated California utility. Sempra Energy is a San Diego-based Fortune 500 energy services holding company whose subsidiaries provide electricity, natural gas and value-added products and services.

SoCalGas is the nation's largest natural gas distribution utility, serving 20.3 million consumers through 5.7 million meters in more than 500 communities.

As director of the advanced meter project, Petersilia will oversee the installation of a radio network on more than 5.7 million advanced meters in the SoCalGas service territory. The project is expected to be completed by 2017.

Petersilia joined SoCalGas in 1981 and, since then, has held a number of line and staff positions on the operations side of the company. He has also represented SoCalGas in a multitude of regulatory and public forums. Prior to joining the company, Petersilia worked at the Southern California Association of Governments.

Petersilia has a bachelor's degree in economics from the University of California, Los Angeles and a master's degree in city planning from Ohio State University

Jonathan Pettit

Jon has been with Oncor Electric Delivery. for over 25 years. He's been a nuclear power plant engineer, energy consultant, project manager, business planner, asset manager, and community relations manager. He is currently the Advanced Metering System Program Manager for Oncor.

He is a registered Professional Engineer in the State of Texas with a BS in electrical engineering from Texas A&M and an MBA from Tarleton State University.

Rob Pilgrim

Rob Pilgrim is Vice President of Business and Corporate Development at Tropos Networks and is responsible for worldwide strategic partnerships, alliances, M&A assessment, technology licensing, and strategic initiatives. In 2008, he spearheaded Tropos' GridCom initiative, shifting the company's primary market to smart grid communications. Prior to joining Tropos in 2005, Mr. Pilgrim was Director of Product Marketing and Development at Covad Communications, and spent 10 years in various management roles for companies in the optical and wireless communications space including Level 3 Communications and T-Mobile. Prior to working in communications and networking, Rob spent 7 years at Georgia Power Company, an operating unit of the Southern Company.

He holds a bachelor of science in mechanical engineering from the Georgia Institute of Technology.

Mark Podorsky

Mark is the manager of SmartConnect Business Design in Business Integration for Edison SmartConnect, at Southern California Edison(SCE). Mark joined SCE in 2009. He is an accomplished executive with twenty years of business operations and systems experience within the energy industry, most recently as Vice President of Operations for Commerce Energy, Inc.

Podorsky holds a BS degree in Mathematics from Loyola University of Chicago.

Kevin Pomfret

Kevin is an Attorney-at-Law for LeClairRyan. He represents a broad range of companies that collect, use and transfer location and other types of spatial data. He drafts and negotiates licensing and distribution agreements and counsels clients on best practices with respect to privacy, data quality and security. He has also negotiated numerous mergers and acquisitions for both public and private companies and has assisted private equity funds and venture capital funds in making investments and acquisitions.

Prior to attending law school, Kevin worked on developing the U.S. Intelligence community's imagery collection and exploitation requirements. He also served as a satellite imagery analyst and a Soviet analyst for the U.S. government, technology companies and works closely with leaders in the spatial community to identify solutions to the industry's unique legal issues. Kevin is also the Executive Director of the Centre for Spatial Law and Policy.

Mark Potter

As VP of Finance, Mark manages EnerNOC's energy markets, deal origination, revenue operations, process excellence, and data quality teams. Before this position, he managed EnerNOC's Operations team. Prior to joining EnerNOC, Mark was an analyst for AEW Capital Management and an econometric analyst for Standard & Poor's. Mark holds a Bachelor of Arts degree in Economics from the University of Michigan and an MBA from the Tuck School of Business at Dartmouth.

Gregory Prelewicz

Mr. Prelewicz serves as Chief, Source Water Planning & Protection for Fairfax Water (FW), Virginia's largest water utility, where has worked for the past 8 years. Prior to joining FW, he worked in consulting engineering with Parsons Corporation for 6 years. He has been the Project Manager for FW's research and demonstration project for advanced AMI. He hold both a B.S. and M.S. degree in Civil Engineering and is a registered professional engineering in Virginia.

Glenn Pritchard

Glenn is a Principal Engineer and is currently the Technology Lead for PECO's Smart Grid/Smart Meter Project at PECO. Pritchard graduated from Clemson University in 1990 with a B.S. Degree in Electrical Engineering. He is a registered professional engineer in Pennsylvania. He has been with Exelon/PECO in Philadelphia for nineteen years. Glenn has recently received the 2010 IEC Grid Vision and the 2008 Utilimetrics' Utility Best Practices Awards for his work in the Smart Grid and AMI fields.

Other areas of experience include distribution & transmission, substation automation and communications. Pritchard specializes in finding new applications of existing and emerging technologies.

Suren Rao

Suren is the Practice Head -- E&U at Wipro. He has over 25 years of business technology background from several industries with extensive experience in utilities. He has over 15 years experience working for a major regulated US electric utility; helping them transform and compete in a deregulated environment. He is a trusted advisor to many utility senior executives and has been a strategic consultant for the utility industry for the past 6 years, particularly in the area of Smart Grid. Until recently, he was the Chief Solution Architect for the Smart Grid program for one of the largest utilities in North America and a marquee client for Wipro. He is currently helping Wipro's current and prospective clients face Smart Grid related challenges particularly in the area of information management, standards and security.

Ted Reguly

Ted is the Director of Customer Programs and Assistance at San Diego Gas and Electric (SDG&E). He is responsible for overseeing the development, implementation and integration of comprehensive Energy Efficiency, Demand Response, and Customer Assistance solutions for SDG&E's customers. Reguly has been with SDG&E since 1981, holding various positions throughout Electric Generation, Electric and Gas Distribution, Supply Management, and Gas and Electric Customer Service supervision. He is a registered California Mechanical Engineer and received a BS in Mechanical Engineering from California State University, Long Beach, and an MBA from San Diego State University. He is an Utilimetrics and UCLA Smart Grid Leadership Council Board Member, an active member of UtilityAMI, Open AMI, Global Intelligent Utility Network Coalition (GINUC), and the ZigBee Alliance.

Don Rendall

Don Rendall has served as Vice President and General Counsel of Green Mountain Power in Vermont since 2002. As Green Mountain Power's chief legal officer and a member of the senior management team, he leads the company's regulatory and legal affairs. Green Mountain Power is an investor-owned electric distribution company serving 95,000 customers in Vermont. The company successfully implemented the first alternative regulation plan for electric utilities in Vermont and has led a number of innovative regulatory initiatives there. Green Mountain, together with other Vermont electric utilities is currently developing and implementing a state-wide deployment of smart-grid technology with the help of a U.S. Department of Energy matching grant under ARRA.

Prior to joining Green Mountain Power, Mr. Rendall practiced law in Burlington Vermont, as a partner at Sheehey Furlong Rendall & Behm, where he specialized in regulated industries and commercial litigation. Before joining the Sheehey firm, Mr. Rendall served as an Assistant United States Attorney in Vermont and as an associate attorney at Jenner & Block in Chicago, Illinois.

Mr. Rendall is a graduate of Dartmouth College, and Duke University Law School.

Mr. Rendall has served in a variety of state and regional community service organizations, including President of the Vermont Bar Association, President of the Board of Directors of the United Way of Chittenden County, Vermont, and Chair of the Board of Directors of the Lake Champlain Regional Chamber of Commerce.

Derl Rhoades

Derl is the AMI Network Operations and Translation Team Leader at Alabama Power Company. He has been with Alabama Power for 32 years, employed in Metering Services for 26 years. His job responsibilities include AMI network design and operations, new metering technologies, field applications for metering, support of the MV90xi translation system, support of Itron's Enterprise Edition, support of field personnel, communications systems for metering and various other Southern Company System initiatives. He is the Past Chair of the Southeastern Electric Exchange Metering Committee and has contributed to ANSI standards. He is currently on the board of Directors for Utilimetrics. He holds a Bachelor of Science degree in Computer Science with Specialty in Communications from the University of Alabama at Birmingham.

Tony Richman

Tony is the Smart Grid Program Manager at NES. Tony has previously led planning and design efforts of the NES distribution system, and is familiar with all aspects and tasks related to the Advanced Voltage Management Virtual Power Plant. Tony has led the following Smart Grid project activities for nearly the past four years: identifying and formulating a business strategy for AMI and the Smart Grid at NES, developing the AMI Business Case, a detailed financial model and a cost-benefit analysis of AMI at NES, the issuance, analysis and recommendation of the Smart Grid RFPs for vendor equipment, software, and installation support. He is currently leading the Program Management Office for the NES Smart Grid Project. His previous role as Meter Services Manager planning, organizing, managing and controlling activities involving the installation, testing and maintenance of all metering equipment on the NES system puts him in a strong position to support the implementation of AMI and dynamic pricing for NES customers. Tony is a registered professional engineer in the State of Tennessee.

Steve Rogers

Steve came to Capgemini via their acquisition in 2002 of Ernst & Young, where Steve was, at the time, E&Y's Integration Practice Lead. Today, he is both Capgemini's North American Chief Architect and their Smart Energy Service Line leader for Strategy, Architecture and Integration (SA&I). In his role as

Chief Architect, Steve heads up a community of over 400 IT architects, assisting them in their learning and certification processes as well as working with Capgemini's hardware and software alliance. As the Smart Energy Service Line lead for Integration, Steve manages a group of almost 100 IT professionals who specialize in delivering integration solutions such as portals, Service Oriented Architectures, data warehouses, information security and testing for Smart Energy customers. Steve has architected and designed Smart Energy systems for SDG&E, BC Hydro and So Cal Gas. He holds both a Bachelors and Masters Degree in Computer Science from Cal State Fullerton. Outside of work you will most likely find him in an ice rink where he coaches Squirt and Pee Wee hockey goalies and plays in several leagues himself.

Kathy Cowan Sahadath

Kathy is a leader of organizational change at Hydro One Networks Inc. in Toronto, Ontario Canada and is responsible for planning and facilitating transformational change with large project implementations. During the past 30 years, her responsibilities have focused on strategy development for major organizational change initiatives, advising senior executives and change leaders on change strategies. Throughout her career in senior management positions, she has managed complex business initiatives, and achieved exceptional results with business challenges.

Kathy's professional education includes an undergraduate degree from the University of Waterloo in Psychology, an MBA in Project Management from Athabasca University, a Masters of Arts degree in Human and Organizational Systems from Fielding Graduate University and a PhD in the area of organizational change and leadership from Fielding Graduate University.

Bob Saint

Bob is the Principal Distribution Engineer, Government Relations for the National Rural Electric Cooperative Association (NRECA). Bob is the director of the MultiSpeak Initiative for the NRECA.

Gary Sanders

Gary serves as Logics, LLC's Senior Consultant and Utility Billing product manager. He has worked with utility billing and municipal software since 1979 and was a founding partner of Logics in 1983. Gary is a veteran of the US Air Force and attended East Carolina University. Over the course of his career, he has developed, trained and installed software for, and consulted with, municipalities and utilities all across the southeastern United States.

Eric Schoenman

Eric Schoenman, Sr. Electrical Engineer, AMI Technology at Pacific Gas & Electric Co., has 16 years of experience in the wireless AMR/AMI industry. Since 2005, Mr. Schoenman has been working on wireless mesh network AMI deployments. Most recently, his focus has been on developing engineering solutions for AMI RF network connectivity issues for PG&E's SmartMeter™ Project.

Paul Senior

Paul is the Chief Technical Officer at Airspan Networks. He is a radio industry veteran, with over 25 years experience in the Telecommunications industry. For the past 17 years, Paul has served in many leading roles in Airspan Networks. In late 2002, he joined other visionaries in creating the WiMAX Forum and continues to serve on the board. Recently Paul became involved in the Utility industry applying his wealth of experience to the budding Smart Grid arena,

Bryan Shang

KORE Telematics

Erik Shepard

Erik is Principal of Waterbridge Consulting and provides location intelligence tools and services to intelligent utility projects. He has more than 18 years experience helping clients to realize return on their transformation technology investments. He holds a BS in Mathematics and an MS and PhD in Geography.

Omer Siddiqui

With over 16 years of executive level service in both public and private enterprise. Mr. Siddiqui currently serves as CIO with the world's largest Advanced Wastewater Treatment Facility, DC Water. Working in concert with executive management, he executed the complete transformation of a dysfunctional IT operation in a challenging business environment to one of the world's most recognized and technologically advanced enterprise operations. This is validated by four back to back CIO 100 awards, Laureate honors in the Computerworld Honors Program with special recognition for innovation and Special Achievement Awards in GIS among others. The Executive Team and Mr. Siddiqui are in high demand for speaking engagements as keynote at numerous high profile events including IT Roadmap, Pulse, Smart Cities/Smart Planet events worldwide for the future state transformational case study that DC Water has become. In addition Mr. Siddiqui has spoken at numerous user group events as both keynote and in breakout sessions. Mr. Siddiqui can be reached at Omer.siddiqui@dcwater.com

Dean Sikes

Dean Sikes is currently the program manager for Cleco's AMI project. Dean has more than 20 years of electric utility experience with areas of experience in relaying, controls, apparatus, metering, and AMI. He holds a B.S. and a M.S degree in electrical engineering from Louisiana Tech University. He has been the chairperson of Cleco's Smart Grid oversight team for 6 years and he lead a team at Cleco that conducted a time of use/critical peak pricing pilot in 2008. He lead the team to secure DOE SGIG funding for Cleco's AMI project and he is also on Cleco's renewable energy team where his areas of concentration are solar, wind and plug-in electric vehicles.

Joaquin Silva

Joaquin is the President and CEO of On-Ramp Wireless.

Robby Simpson

Robby is a Principal Engineer at GE Digital Energy since 2008. Prior to that, he worked at Cellnet+Hunt as a network engineer and was a SURP participant at the Massachusetts Institute of Technology Lincoln Laboratory. He holds a PhD in electrical and computer engineering from the Georgia Institute of Technology, as well as a BS in computer engineering from Clemson University.

Bob Sitkauskas

Bob Sitkauskas is currently the Manager of AMI in the Major Enterprise Project organization at DTE Energy. He has over 33 years of experience at DTE Energy and has worked in various departments including information systems, supply chain, distribution operations and customer service. He also was the customer service lead for Detroit Edison in the merger with Michigan Consolidated Gas in 2001. He is currently responsible for the business case design and implementation of the AMI system for DTE Energy. When fully implemented the AMI system will provide reads for over 4.0 million electric and gas meters. Bob is also the current Vice President and President Elect of Utilimetrics. Founded nearly 25 years ago as the Automatic Meter Reading Association, Utilimetrics is the world's premier utility technology association, providing advocacy for utilities and information about innovative technologies that lead to improved operations, customer service and resource utilization.

Bob is a lifetime resident of Michigan, married for 36 years to his wife Chris, and has two sons, ages 27 and 19. He has a BBA from the University of Michigan and an MBA from the University of Detroit

Victor Sitton

Victor is the VP Market Management for Elster Solutions. He is responsible for market management activities within Elster Solutions, including solutions and marketplace strategy, partners and alliances, competitive analysis, customer outreach programs, and sales and proposal support. Victor served as VP Product Marketing for Elster Integrated Solutions between 2006 and 2009. Victor has over 20 years of experience with smart grid solutions and electricity metering industry. During his time with Elster, he has held multiple roles in marketing, sales, product management and business development. Victor has a B.S. in Electrical Engineering from North Carolina State University.

Matt Smith

Matthew Smith heads up Silver Spring Networks' product marketing team for the energy efficiency, demand response and electric vehicle charging solutions. Matthew has over 20 years of startup business experience in the energy management, home computer, consumer electronics, and internet industries. Prior to Silver Spring, Matthew was in charge of marketing and sales for Greenbox Technology, an early leader in customer facing, smart grid applications. He is the former Vice President of Product Marketing at Liquid Audio, where he was responsible for digital music distribution solutions that helped establish the market for digital music in the United States. Prior to joining Liquid Audio, he spent ten years with Sony Electronics, where he held various product marketing and management positions, most recently Director of Marketing for the launch and establishment of the VAIO Personal Computer business. Matthew holds an MBA in Sustainable Management from the Presidio School of Management and a Bachelor of Science degree in Computer Science from the University of Pittsburgh.

Gary Smith

Gary serves as Director of Smart Technologies at NV Energy, Inc. Gary is the project Director for NV Energy's NVEnergize project – responsible for deployment of a AMI, MDM, demand response, and dynamic pricing solution across NV Energy's 1.4 million Nevada customers. Gary holds a BS in Business from the University of Nevada-Reno and has over 24 years of Utility experience including 14+ years as a Senior Manager for NV Energy's Gas and Electric Energy Delivery Business.

Ron Smith

Ron is the Vice President, Marketing for Aclara.

Gib Sorebo

Gib Sorebo is the Assistant Vice President and Chief Cybersecurity Technologist for SAIC where he assists government and private sector organizations in complying with legal and regulatory requirements. He is the co-lead of SAIC's Smart Grid Security practice and leads projects involving NERC CIP and security assessments of electric utilities and frequently speaks at conferences and published articles on Smart Grid and industrial control system security.

Eric Spack

Eric became PGE's AMI Project Director in 2011, and was charged with completing the transition from system deployment and business process application development to ongoing Operations. He previously was Program Manager for the IT applications portions of the AMI project. One of his key responsibilities is ensuring that AMI achieves all of its promised benefits.

Steve Sprague

Steve is the Supervisor, Revenue Protection at Portland General Electric Co. for the last 8 years. He has worked at PGE for 30 years, including prior work as Supervisor of PE's Instrument Lab. He has handled over 8,000 confirmed energy thefts, including over 2,000 grow-house power diversions. He is certified in Advanced Revenue Protection and in investigative techniques associated with power theft and diversion. He currently serves on the board of the West States Utility Theft Association.

John Stafford

John is a 30-year veteran of executive level sales and marketing across a wide variety of vertical markets including personal computers, IP-based retail payment systems, RF networking, industrial sensor networks, telecommunications, and utility smart grid infrastructure. He has assisted large public companies and small start-ups to design and execute value-based product marketing and customer relationship strategies with technology-based product lines. In 2006 John was recruited by Sensus to launch the Sensus FlexNet Smart Grid solution to West Coast utilities. John currently serves as Sensus Vice President of Sales for North America. John provides pro-bono advice and mentoring to the San Diego start-up community through advisor relationships with the University of California, the San Diego Telecom Council, and Southern California venture capitalists. John holds a Bachelor of Science degree from Westminster College with a double major in mathematics and computer science.

Glenn Steiger

Glenn Steiger is the General Manager/CEO of Glendale (California) Water & Power (GWP) where he has transitioned the utility through the integration of "smart grid" technology, water and energy efficiency and a significant increase in the provision of renewable energy. Under his leadership, GWP was the first utility in the nation to receive DOE stimulus funding for its "smart grid" initiative and has achieved one of the highest percentages of renewable power within California.

Steiger previously led the Massachusetts Municipal Wholesale Electric Company (MMWEC), a public power joint action agency as General Manager/CEO. Before joining MMWEC, he was General Manager of IID Energy (Imperial Irrigation District), where he created the "Green Path" transmission project. In addition, he has served as Vice President of Corporate and Competitive Affairs at Jersey Central Power & Light and as Director of Engineering and Operations with Sussex Rural Electric Coop. He also spent several years providing energy, engineering, and strategic regulatory consulting services in the Southwest.

Mr. Steiger holds a bachelor's degree in civil engineering and a master's degree in engineering management from the New Jersey Institute of Technology. Additionally, he has completed advanced course work at Duke University's Fuqua School of Business and is a licensed professional engineer. He has a distinguished history of civic and professional Board involvement including the United Way, Salvation Army, YMCA, Leadership New Jersey, Chambers of Commerce (NJ, AZ, MA, CA), Massachusetts Economic Development Assn. and was appointed by New Jersey Governor Christie Whitman to the NJ Economic Development Commission. He currently serves on the Board of Public Power Inc. (APPA subsidiary), as President of the Southern California Public Power Authority, is a Board member of Western Electric Coordinating Council and serves as chair of the California League of Cities "Water Committee".

Robert Stewart

Rob is Manager, Advanced Technology and New Business for Pepco Holding Inc.'s Strategic Initiatives Group. In his present role, Rob leads an effort that is responsible for further developing and managing PHI's approach to evaluating and deploying advanced technologies and concepts for application on the electric system. Rob began his career at Pepco in 1994 as a Project Engineer and later the Program Manager for Pepco's electric vehicle program. In 1999, he became Vice President, Engineering for Pepco Technologies, a subsidiary of Potomac Capital Investment Corporation, where he developed a \$9 million product, technology and intellectual property portfolio. Since 2002, Rob has served PHI in the roles of Corporate Strategist; Process Manager, Emergency Preparedness and Process Manager Business Transformation. Rob is a graduate of the University of South Florida with a BS and MS in Electrical Engineering.

Jamie Swails

Jamie Swails has worked for Portland General Electric Co. for the past ten years and has worked on AMR and AMI projects for the past eight years. As manager of PGE's Network Meter Data Operations group, Ms. Swails has led her team through Systems Acceptance Testing and implementation of the Sensus FlexNet™ AMI system at PGE, as well as through the detailed work of integrating the new smart metering system with PGE's meter data management system. Much of her time over the past three years has been devoted to ensuring that the new system delivers the functional requirements needed by PGE, and that users with PGE are able to leverage the value of daily meter reads and interval data to achieve the benefits set forth in the company's AMI business case.

Chad Swenka

Chad leads the technical direction, product development, and implementation services at iFactor Consulting. He has more than 10 years' experience working with electric utilities with a focus on customer communications. Chad has a BS in Computer Science from the University of Iowa.

Joe Tavormina

Joseph J. Tavormina, Principal, Tavormina and Associates, Inc., is a consulting RF engineer for Pacific Gas & Electric Co. on their SmartMeter™ Project. Mr. Tavormina has over 25 years of experience in the wireless industry and the design of wireless products. Since 2007, Tavormina & Associates has focused on AMI RF connectivity issues, data management and sensor data networking issues.

Joe Thomas

Joseph D. Thomas is Vice President, Client Fulfillment at The United Illuminating Co. He oversees the Revenue Cycle Services process, which includes departments that support all aspects of meter and customer field services. He holds a BSEE degree from Bridgeport Engineering Institute and a MBA from University of New Haven

Dave Tilson

Dave Tilson is currently a Senior Manager with the Customer Solutions team at West Monroe Partners. His experience and leadership in a variety of industries such as Energy & Utilities, Financial Services, and Professional Services and brings a wealth of business and technical knowledge to our firm. His passion for constant improvement in processes and behaviors drives his vision for building and maintaining optimal customer relationships as well as sales, marketing and customer service methodologies.

Dave's areas of focus are improving and enabling customer-facing or impacting processes and systems. He works with his clients to align their strategies to how they are relating and interacting with their customers. Specifically, he helps his client address problem areas within their Customer

Experience, Portal, Demand Side Management and Call Center operations and works with them to achieve their goals and measure their progress.

Before joining West Monroe Partners in 2005, Dave held several positions with Washington Mutual Bank, Ernst & Young, and PricewaterhouseCoopers.

Dave received his BS in Computer Science from Purdue University, and his MBA in Marketing Strategy from DePaul University

Leslie Turkson

Leslie is a Senior Executive with Accenture and is the Global Network Service Management Practice Lead and focuses on the sale and implementation of service assurance, network management and network operations solutions for all industry verticals.

Leslie has over 20 years of professional experience, is a subject matter expert in the OSS/BSS Space and has implemented various OSS/BSS solutions suites from Vendors such as IBM, Cisco, HP, Oracle, Microsoft, BMC, Telcordia and InfoVista in Europe, North and South America.

Leslie is based out of Accenture's Reston office and has worked with global Wireless and Wireline Carriers, Government departments, High Technology companies, Financial Service companies and Utilities.

His technical experiences include Smart Grid Network Operations, Network Management Systems Implementations - (FCAPS), ITIL/eTOM Assessments, OSS Architecture, OSS/BSS Integration, Service Fulfillment, Network Operations Center build, Process Development, Data Center Build, Network Architecture and Design, Portal Development, Enterprise Bus Development and Vendor Alliance Management.

Mr. Turkson holds a Degree with Honors in Business Computing Systems from City University, London, UK and is a Service Assurance Patent contributor and developed a patented service impact analysis module for assuring service quality in large service provider networks.

Mani Vadari

Dr. Vadari is the president and founder of Modern Grid Solutions a company that provides technical and management consulting to utilities and their vendors in enabling the modern grid through the delivery of differentiated business and technology services to the electric utility industry

Dr. Vadari brings about 25 years of experience delivering solutions to the electric utility industry focusing on Transmission/Distribution (T&D) grid operations, Generation operations, Energy markets, and Smart Grid. His experience spans the regulated and unregulated arena for utility and energy companies. His roles have primarily been Business Architect, and/or solution delivery for many leading utility companies in North America and around the world. Dr. Vadari is considered a Smart Grid subject matter expert, offering much sought-after perspectives on the entire value chain of an electric utility from generation to consumption.

In addition to being on the board of the GridWise alliance and the Smart Grid Roadshow, Dr. Vadari has also provided subject matter expertise in setting the strategic and technical direction for developing key aspects of the generation/transmission/distribution system of the future.

Ankur Varma

Silver Spring Networks Product Manager, EV Solutions

Jim Walitsch

Jim Walitsch is a senior manager in Capgemini's Smart Energy Services. He and Tom Logan co-managed the business architecture team for 3½ years on SDG&E's smart metering project. Jim's primary responsibilities included designing and testing all the business processes to support the project. Jim is a 30-year utility veteran, building IT systems, developing strategic IT plans, and managing large system projects.

John Wambaugh

John is Senior Vice President for UISOL. He has over twenty five years of experience in defining, implementing and operating smart metering and meter data management systems for the utility industry. His experience includes development of energy management system applications, distribution management system applications and outage management systems.

John is a recognized expert in the technology, operation and business processes of AMI and MDM as well as utility back office systems impacted by smart meter data. He has a unique blend of deep technical knowledge and customer interaction skills. He has demonstrated an ability to interact from the executive and senior level management as well as field and line personnel at large utilities.

Jeff Weiser

Jeff is a Partner in PayGo Electric, and President of GrowthPoint Group, LLC, a smart grid advisory business. He served from 2005 to 2009 in various capacities including President of First Choice Power, a \$500M subsidiary of PNM Resources, and the fourth (4th) largest retail electric provider in Texas. He conceived and launched First Choice Power's initial renewable energy and demand-side mitigation offerings. He also developed and executed a business process outsourcing initiative which consolidated multiple contact centers, and transitioned CIS and related systems including payment processing centers and providers. This effort was a key enabler for the delivery of prepaid electric services. During his 12 years at TXU Corporation, Jeff served as Senior Vice President, Business, with national responsibilities for its \$2B electricity and natural gas businesses. He serves on the advisory board for the Bobby B. Lyle School of Engineering at Southern Methodist University. Jeff earned an MBA from the J.L. Kellogg Graduate School of Management, as well as an undergraduate Economics degree from Northwestern University in Evanston, Illinois.

David Whitehouse

David is the Manager, Customer Service & Energy Conservation at Peterborough Utilities Group. He has had many roles during his 26 years in the electrical and water industry. David was employed at Scarborough Utilities now Toronto Hydro. He moved through various areas in Field Services including Supervisor of Field Services. David tired of freezing to death outside in Ontario winters, moved into Customer Service where he was A Supervisor of Collections, Billing and Customer Service and finally Manager of Customer Service. David moved to Peterborough Utilities in 1999 leaving behind a 4 hour daily commute. Currently, David has been the lead in the Smart Meter rollout, MDMR integration and Water Meter installation project for Peterborough Utilities. He is responsible for managing all conservation programs. He has been happily married for 21 years and is trying to survive raising three teenagers. In his spare time, David is also a semi-professional musician.

Michael Wiebe

Michael is the President of MW Consulting. Wiebe has a BEE in Telecommunications and has been in the energy and communication industries since 1975.

He started MW Consulting in 1996. Since then he has supported over \$7 billion in Smart Grid projects involving over 55 million edge devices for AMI, DA and DR applications in the US, Canada, Australia, New Zealand, Hong Kong and the Middle East. The firm's clients have won seven Project of the Year awards. Michael is currently supporting three projects totaling over \$1 billion with a focus on:

1. Use Cases for DA, DR and AMI
2. Implementing a Smart Grid with an AMI focus
3. Implementing a Smart Grid communication network first for Advanced DA first and then back filling AMI

Michael is a frequent presenter at industry conferences with over 30 invited presentations and dozens of articles. PennWell published his book 'A Guide to Utility Automation'.

Todd Wilson

Burbank Water & Power

Lisa Wood

Lisa V. Wood is the Executive Director of the Institute for Electric Efficiency. The Institute for Electric Efficiency (IEE) works with the electric utility industry to advance energy efficiency, demand response, and customer-side technologies.

Wood launched IEE after more than two decades of consulting with electric utilities on retail customer issues. In that role, she directed economic, financial, and market analysis studies for leading electric utilities nationwide.

Wood has written numerous articles and is a frequent speaker on smart pricing, demand response, energy efficiency, and smart grid issues in the electric power industry. Her most recent work includes: *The Costs and Benefits of Smart Meters for Residential Customers*; *The Benefits of Smart Meters*; *Dynamic Pricing and Low Income Customers*; *The Right Price: Dynamic Pricing can provide Benefits to Customers and Utilities Alike*; *New Directions for Energy Efficiency*; *Assessment of Electricity Savings in the U.S. Achievable through New Appliance/Equipment Efficiency Standards and Building Efficiency Codes*; and *Making the Business of Energy Efficiency Both Scalable and Sustainable*. Wood is a member of the Board of Directors for Energate, Inc.; the Board of Directors for the National Energy Foundation; the Board of Directors for the Midwest Energy Efficiency Alliance; the Energy Efficiency Advisory Council for American Electric Power; the Executive Leadership Group for the State Energy Efficiency Action Network; and the International Association for Energy Economics. She also serves as an Advisor to Johnson Controls' Institute for Building Efficiency; is an Adjunct Professor at Georgetown University; and is a Non-Resident Fellow in the Energy Security Initiative at the Brookings Institution.

Prior to joining IEE, Wood was a Principal with *The Brattle Group* and Director of the Washington DC office. Prior to that, she was a Principal with PHB Hagler Bailly and a Program Director at Research Triangle Institute. She has a Ph.D. in Public Policy and Management from the Wharton School of the University of Pennsylvania and an M.A. from the University of Pennsylvania.

Kevin Zamzow

Kevin is a Manager in the Utility Automation & Communications department, which provides automation and communications planning consulting and engineering services, including: technology work plans, strategic communications plans; and automation planning. This department also provides deployment services for: SCADA, distribution automation, load forecasting; benchmarking, AMI, demand response, and a variety of automation applications. Communications media expertise includes: land mobile radio; fiber; microwave backbones; mobile data; and others. Kevin has over 20 years of communications, engineering and business management experience including utility wireless systems and wireless technology migration and road mapping, strategic planning and operations management. Kevin received both a BS in Chemical Engineering and a MBA from the University of Wisconsin – Madison.

Tammy Zucco

Chief Marketing Officer, Tantalus