



Session 1: Energy Industry in Transition: Models for Success

Moderator and Speaker Bios

Moderator:

Peter Fox-Penner

Principal and Chairman Emeritus, The Brattle Group

Dr. Peter Fox-Penner is a consulting executive and internationally recognized authority on energy and electric power industry issues. He is a Principal and Chairman Emeritus of The Brattle Group, a leading economic consulting firm, and author of the highly acclaimed book *Smart Power: Climate Change, the Smart Grid, and the Future of Electric Utilities*. In his consulting practice, Dr. Fox-Penner advises energy companies, government agencies, and their counsels on energy regulatory and market policy issues. His primary focus is on electric industry structure, climate change, and energy efficiency policies. From 1993 to 1996 he was a senior official in the U.S. Department of Energy and the White House Office of Science and Technology Policy; and held staff positions in the Illinois Governor's office. He has served on the boards or advisory boards of Enviance, Gridpoint, The Solar Foundation, and other Cleantech firms and was a co-founder of Environment 2004 and the Environmental Alliance. He is a graduate of the University of Chicago, Booth School of Business and the University of Illinois.

Speakers:

Pete Delaney

Chairman and CEO, OGE Energy Corp.

Pete Delaney is Chairman and CEO of Oklahoma City-based OGE Energy Corp., the parent company of OG&E, an electric utility, and Enogex, a leading midstream natural gas business. Prior to OGE Energy, Pete completed a 15-year investment banking career in corporate finance covering utilities and energy companies in the United States, Europe and South America. Pete is actively involved in community and industry organizations serving on boards of directors including Oklahoma City Chamber of Commerce, Oklahoma City Museum of Art, United Way of Central Oklahoma, Oklahoma City Boathouse Foundation, Oklahoma State Fair, Heritage Hall, Downtown OKC, Integris Health and Edison Electric Institute. Pete holds a bachelor's degree in economics with distinction from the University of Virginia and a master's degree in business administration from Tulane University.

Christopher Hill

Vice President, Advanced Mobility Solutions, AT&T

Chris Hill is the Vice President for Advanced Mobility Solutions (AMS) for AT&T. His responsibilities comprise full business unit accountability across all functional areas targeted at the strategy, development and deployment of mobile applications and solutions for all business and government customers. He was appointed to his current position in November 2010. Most recently, Mr. Hill was the Vice President for Mobility Product Management, including such areas as machine to machine (M2M), fixed mobile convergence offers (FMC), small business solutions, and international managed services. Additionally, he had responsibility for the management and development of vertical line of business solutions. Since joining AT&T in 1997, Mr. Hill has held several other roles within AT&T including Vice President for AT&T's Government, Education, and Medical Segments. Mr. Hill has also served as Vice President, B2B strategy and operations at AT&T Wireless where he was responsible for enterprise mobility sales strategy and operations. In 1995, he joined American Mobile Satellite Corporation (AMSC) and aided in the launch of the first commercially available, mobile satellite communications. At AMSC, Hill held national marketing and business development roles. Mr. Hill earned his B.A. in Economics from the University of Virginia, in Charlottesville, VA and graduated from Harvard Business School's General Management Program. He resides in NJ with his wife and two children.



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Moderator and Speaker Bios

John Jimison

Managing Director, Energy Future Coalition

John W. Jimison serves as the Managing Director of the Energy Future Coalition, a broad-based, non-partisan public policy initiative that brings diverse stakeholders together to identify energy policy options that address the great challenges of oil dependence, global climate change, and the maintenance of strong and growing economies. From 2007 through 2010, Mr. Jimison served as Senior Counsel to the Energy and Commerce Committee of the U.S. House of Representatives, advising the committee's members on energy efficiency, regulatory matters, natural gas policy, energy markets, and electric grid modernization. Mr. Jimison practiced energy and regulatory law from 1987 through 2006 in Federal and state forums. From 1982-1985, he was Principal Administrator at the International Energy Agency in Paris, France, responsible for electricity and natural gas policy and analysis, as well as country expert for Spain and Australia. During the period from 1972 through 1981 he held several positions on Capitol Hill, including a previous period as Counsel to the Energy and Commerce Committee, service as Head of the Energy Section of the Congressional Research Service (Library of Congress), and as Professional Staff to the Senate Commerce Committee when it had jurisdiction over natural gas and electricity policy.

John Norris

Commissioner, Federal Energy Regulatory Commission

John R. Norris is a Commissioner on the Federal Energy Regulatory Commission. He is a former Chairman of the Iowa Utilities Board (IUB) from 2005 to 2009 during which he served on the National Association of Regulatory Utility Commissioners (NARUC) Electricity Committee and was a CO-Chair of the 2009 National Electricity Delivery Forum. While on the IUB he also served as a Board Member, Secretary and President of the Organization of Midwest Independent System Operator (MISO) States as well as Chairman of the MISO Demand Response Working Group. Commissioner Norris also was a member of the FERC/NARUC Demand Response Collaborative. In 1999 and 2000, he was Chairman of the Iowa Electric Restructuring Task Force while serving as Chief of Staff for then-Iowa Governor Tom Vilsack. He also served as Chief of Staff for U.S. Representative Leonard Boswell (IA-3rd) from 1997 to 1998. From 1989 to 1993 he owned and managed a restaurant in Greenfield, Iowa, and he was State Director of the Iowa Farm Unity Coalition during the Farm Crisis of the 1980s. Commissioner Norris graduated with distinction from the College of Law at the University of Iowa in 1995 and earned his undergraduate degree in 1981 from Simpson College.

Eimund Nygaard

CEO, Lyse Energi

Eimund Nygaard, born 1959, has been CEO in Lyse Energi since 1998. Mr. Nygaard is educated within economy and administration at the University of Stavanger. Lyse is a regional utility-company based in Stavanger, Norway. Stavanger is the energy-capital of Norway and base of most of the energy-companies operating on the Norwegian shelf. Lyse has the last 10 years changed from a electricity company based on hydropower to a full scale utility-company with both natural gas, biogas, district heating and fiber to the home (FTTH). Lyse is now the largest FTTH-company in Scandinavia with about 250.000 customers, and is now expanding its business within smart grid, energy demand management, energy efficiency and health-care, all based on FTTH.



Session 2: Lessons Learned: What the ARRA Data Tells US Moderator and Speaker Bios

Moderator:

Bill Loveless

Editorial Director, U.S. Energy Policy
Platts

Bill Loveless is one of the senior energy journalists in Washington, with more than 30 years covering energy policy, legislation and regulation. He is the editorial director for U.S. energy policy at Platts, a global energy news and information company that is part of The McGraw-Hill Companies, and he hosts the weekly energy-news program "Platts Energy Week" on CBS affiliates in Washington and Houston and on the web (www.plattsenergyweektv.com). Among his other responsibilities at Platts (www.platts.com), he supervises the company's energy-policy newsletters, Inside Energy and Inside EnergyEXTRA, and coordinates news coverage in Platts' Washington office. Since joining McGraw-Hill in 1980, he has written for and managed the newsletters Inside F.E.R.C. and Inside Energy, and reported for Platts Global Alerts news wires. Previously, Bill was a reporter for The Times in Pawtucket, Rhode Island. He is a graduate of the University of Rhode Island and a member of the executive advisory board at URI's Harrington School of Communication and Media. Bill and his wife, Denise Benoit, the parents of two adult children, live in Alexandria, Virginia.

Speakers:

Steve Catanach

Light and Power Manager, City of Fort Collins

Steve Catanach has worked in the electric utility industry for over 23 years, and has worked as an electrical engineer for the past 24 years. He has a B.S. Degree from New Mexico State University with a focus on power engineering. In 1987 he entered the electric utility business as an Engineer I with the City of Longmont. In 1997 he was given an opportunity to start a new municipal utility for the City of Las Cruces New Mexico. Las Cruces was in the process of condemning the facilities owned by El Paso Electric Company within the City limits in order to form their own electric utility. Three years after starting with the City of Las Cruces, the City and El Paso Electric reached a settlement agreement. From Las Cruces Steve moved onto work for Arizona Public Service Company in Flagstaff Arizona where he served as their Customer Service and Development Leader. In 2008 seeing the opportunity to rejoin a municipal utility in Colorado Steve began working for the City of Fort Collins as the Light and Power Manager. Steve is responsible for approximately 128 employees that provide construction, engineering, warehousing, meter reading, substation construction, and substation operations in order to supply electrical service to the citizens of Fort Collins.

Paul Feldman

Independent Director and past Chairman, Midwest ISO
Independent Director, WECC

Paul J. Feldman is past-Chairman of the Midwest ISO where he remains as an Independent Director and Chairman of System Planning - MISO is the first and largest of the RTOs. He is also one of 7 Independent Directors of WECC - the Western Interconnect NERC Reliability Region, where he serves as Chairman of the Compliance Committee. He is a member of the NCC - an advisory group to the Secretary of Energy. He also serves on a number of company Advisory Boards - including the Boeing corporation. He has 20 years experience in telecom at Bell Labs / AT&T and another 20 years in retail and wholesale energy.



Session 2: Lessons Learned: What the ARRA Data Tells US Moderator and Speaker Bios

David Hallquist

CEO, Vermont Electric Cooperative

David C. Hallquist –David Hallquist had been with VEC since 2000 and Chief Executive Officer of Vermont Electric Cooperative (VEC) since 2005; He is president the board of directors for Lamoille Economic Development Corporation, a board member for VELCO, Vermont's transmission company, as well as involved with a number of other boards. Dave started his career as an electrical engineer working on power systems design for Digital Equipment Corporation and ultimately became the Manufacturing manager for power systems in Burlington. Dave also was spent 7 years as a Business Process Redesign consultant for a number of companies, including Keebler, OceanSpray, Miller Brewing, Boston Technology Corporation, Comverse, USA, and Honda of America, as well as many Vermont companies. Vermont Electric Cooperative is a consumer-owned electric distribution cooperative headquartered in Johnson, Vermont that serves 34000 members. VEC has been a leader in the implementation of Smart Grid technology, starting with its first smart meter installations in 2005. VEC received Power magazine's smart grid award in 2010.

Mike Kluse

Laboratory Director, Pacific Northwest National Laboratory, operated by Battelle for the U.S. DOE
Senior Vice President, Battelle

Mike Kluse is Laboratory Director of the Pacific Northwest National Laboratory, operated by Battelle for the U.S. Department of Energy (DOE). He also is Senior Vice President of Battelle. Mr. Kluse is responsible for setting the vision and strategic direction of PNNL, and since assuming the helm in January 2007, has focused the Laboratory on advancing the frontiers of science and solving some of our nation's most complex challenges in energy, the environment, and national security. He combines excellence in science and technology, management and operations, and community stewardship to ensure PNNL's world-class research and development. Under Mr. Kluse's leadership, PNNL has been restructured to better deliver on its missions and reduce operating costs. The science and technology impact of this restructure has resulted in a 34 percent increase in business volume to more than \$1.1 billion, and the Laboratory's more than 4,900 staff members have a renewed focus on operational discipline. Mr. Kluse holds a B.S. degree in Systems Analysis from Miami University, and a M.S. degree in Industrial and Systems Engineering from The Ohio State University.

Kenneth Mercado

Senior Vice President, Regulated Operations Technology, CenterPoint Energy

Kenny Mercado has 26 years of experience with CenterPoint Energy, and current position is Division Senior Vice President responsible for Regulated Operations Technology / Smart Grid Deployment. Previous position was Division Senior Vice President, Electric Operations responsible for managing and operating distribution, substation and transmission systems consisting of over two million metered customers. He has held numerous leadership positions during his career in engineering, operations, and support of the electric delivery business. Kenny has Bachelor's of Science degree in Electrical Engineering and Master's of Science degree in Industrial Engineering from the University of Houston. Also received an Executive MBA degree from Texas A&M's May's Business School and is a licensed Professional Engineer registered in the State of Texas. He also is an active Board Member with Houston Division of March of Dimes.



Session 3: Guarding the Grid: Smart Grid and Grid Vulnerability

Moderator and Speaker Bios

Moderator:

Phyllis Cuttino

Director, Director, Clean Energy Program, Pew Charitable Trusts

Phyllis Cuttino joined the Pew Environment Group in 2007 as the project director for the Pew Campaign for Fuel Efficiency, which played a critical role in passage of the first increase in fuel efficiency standards for cars and light trucks in more than 30 years. Currently, Phyllis is the director of the Pew U.S. Global Warming Campaign, working to improve climate change legislation. Prior to joining Pew, she was on the senior staff for U.S. Senators Brock Adams (D-WA) and Dianne Feinstein (D-CA). She has served as the vice president of public affairs for the United Nations Foundation (UNF) and the Better World Fund, programs developed from businessman and philanthropist R.E. Turner's \$1 billion gift to UN causes. While at UNF, she oversaw the foundation's communications activities as well as a \$50 million grant portfolio. Phyllis helped Fortune 500 companies, international and domestic nongovernmental organizations and UN entities to impact public policy and increase awareness of critical issues as a senior vice president at a strategic communications consulting firm located in Washington. Phyllis holds a bachelor's degree from Furman University.

Speakers:

Kenneth I. Geisler

Director Business Strategy, Siemens Smart Grid Division

Kenneth I. Geisler, Director Business Strategy, Siemens Smart Grid Division, has over 29 years of management and technical experience in defining, designing, developing and implementing large integrated solutions in the Energy Industry. His background covers real-time analysis, control and integration for systems addressing both operations and planning for transmission and distribution systems, as well as wind generation, substation automation and protection, and distribution automation. Geisler has served in various technical, management, and executive roles for large international engineering companies. He also co-founded a company supplying integration and control center products and services for Distribution Control Centers, where he served as President, CEO, Vice Chairman and Chairman of the Board over various periods of time. In 1979, Geisler received an M.S. Electrical Engineering from the University of Wisconsin, Madison, and also received a B.S. Electrical and Computer Engineering, from University of Wisconsin, Madison, with Honors two years prior.

Dorothy Robyn

Deputy Under Secretary, Installations & Environment, U.S. Department of Defense

As the Deputy Under Secretary of Defense for Installations & Environment, Dorothy Robyn provides Department-wide oversight of U.S. military bases worldwide. Department of Defense installations cover 28 million acres of land and include 300,000 buildings and other structures valued at more than \$800 billion. Her responsibilities include policy, programs and budgets related to the management of the physical infrastructure as well as environmental cleanup, conservation and stewardship. Dr. Robyn also leads the Department's effort to improve the energy security of its bases, through reduced demand for traditional energy, development of renewable sources on-base, and use of the installations as a test bed for next-generation energy technologies. Prior to joining DoD in 2009, she was a principal with The Brattle Group, an economic consulting firm. From 1993-2001, she was Special Assistant to the President for Economic Policy and senior staff member of the White House National Economic Council. From 1983-1987, she was an assistant professor at Harvard's Kennedy School of Government.



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Moderator and Speaker Bios

Edmund Schweitzer

President, Schweitzer Engineering Labs

Dr. Edmund O. Schweitzer, III is recognized as a pioneer in digital protection. He holds the grade of Fellow of the IEEE and is a member of the National Academy of Engineering. Dr. Schweitzer is the recipient of the Graduate Alumni Achievement Award from Washington State University and the Purdue University Outstanding Electrical and Computer Engineer Award. In September 2005, he was awarded an honorary doctorate from Universidad Autónoma de Nuevo León in Monterrey, Mexico, for his contribution to the development of electric power systems worldwide. He has written dozens of technical papers in the areas of digital relay design and reliability and holds more than 35 patents pertaining to electric power system protection, metering, monitoring, and control. Dr. Schweitzer received his Bachelor's and Master's degrees in electrical engineering from Purdue University, and his PhD from Washington State University. He served on the electrical engineering faculties of Ohio University and Washington State University, and in 1982, he founded Schweitzer Engineering Laboratories, Inc. to develop and manufacture digital protective relays and related products and services. Today, SEL is an employee-owned company, which serves the electric power industry worldwide, and is certified to the international quality standard ISO-9001. SEL equipment is in service at voltages from 5 kV through 500 kV, to protect feeders, motors, transformers, capacitor banks, transmission lines, and other power apparatus.

Heath Thompson

CTO and SVP of Engineering, Landis+Gyr, North America

Heath Thompson is CTO and SVP of Engineering, Landis+Gyr, North America. Thompson is responsible for R&D operations for North America and works with the product management team and global CTO office on technical strategy. Previously, Thompson was VP of Engineering, IBM Internet Security Systems (ISS), where he managed the worldwide team responsible for the global delivery of the ISS solutions, both product and services, and managed the X-Force security R&D organization. Prior to ISS, Thompson was the founder and CEO of Thoughtmill Corporation, a consulting organization with nearly 200 employees that was named one of Atlanta's Fastest Growing Technology companies in 1999. Before founding Thoughtmill, Thompson was Director of Engineering with Attachmate Corporation and was responsible for several products including OpenMind, which won Network Computing's "Product of the Year" award. He has also worked in lead architecture, development, and engineering management roles at companies including DCA, Schlumberger, Intelligent Systems and Hayes. Thompson is a member of the Georgia Tech Information Security Center (GTISC) Industry Advisory Board, and has served on the technology advisory council to former U.S. Senator Max Cleland. He holds a master's degree in information and computer science from Georgia Tech and a bachelor's degree in mathematics and computer science from Emory University.

Pablo Vegas

Vice President and Chief Information Officer, American Electric Power

Pablo A. Vegas is vice president and chief information officer of American Electric Power. As CIO, he is responsible for the strategic planning, delivery and support of AEP's technology infrastructure. This includes business applications, enterprise architecture and technology, cyber security, business continuity, telecommunications and IT infrastructure. Prior to his current position, Vegas served as president and CEO of AEP Texas. As president and CEO he was responsible for serving nearly a million customers in central and north Texas and overseeing the business's safety, customer services, marketing, communications, governmental affairs and regulatory functions. Previously, Pablo served as director of strategic planning for AEP, working cross functionally across AEP's utility operations, wholesale and retail generation, energy marketing and trading, finance and shared services functions, to



Session 3: Guarding the Grid: Smart Grid and Grid Vulnerability Moderator and Speaker Bios

formulate AEP's short and long term strategic plans. Before joining AEP, Pablo held senior leadership positions with IBM, PricewaterhouseCoopers and Andersen Consulting. Pablo serves as the vice-chairman of the board of trustees for the Center of Science and Industry (COSI). He also serves as co-chair for the Edison Electric Institute CIO sub-committee on cyber security. Pablo attended the AEP Strategic Leadership program at The Ohio State University and graduated cum laude from the University of Michigan with a bachelor of science in mechanical engineering. He lives with his wife and three children in Columbus, Ohio.



Session 4: The Technology Horizon: Future Trends and Potential Disruptions

Moderator and Speaker Bios

Moderator:

Martin Rosenberg

Editor-in-chief, EnergyBiz

Martin Rosenberg is editor-in-chief of EnergyBiz, a national publication covering the energy industry that circulates to 25,000 senior executives and managers of the electric and natural gas industry, energy experts, analysts and regulators. It recently was awarded its fifth gold medal in six years of publication as the best magazine covering energy/utilities/engineering in the Eddie Award journalism contest sponsored by Folio magazine and is a finalist for that honor this year. Martin Rosenberg has written extensively about energy, technology, finance and international business. His freelance work has appeared in USA Today, the New York Times, Seattle Times, Japan Times and other publications. He was a business writer at the Kansas City Star from 1985-1998 and worked for newspapers in Oregon. He was a Fulbright Fellow to Japan, where he studied economics, and has received a grant from the German Marshall Fund of the United States to study international energy issues.

Speakers:

Michele de Nigris

Director of T&D Technologies Department, RSE
Chairman, IEA Implementing Agreement ISGAN

Michele de Nigris is Director of T&D Technologies Department in RSE, the most important Italian centre dedicated to strategic public research on the electric system. He has been elected Chairman of the IEA Implementing Agreement ISGAN (International Smart Grids Action Network) at the first Executive Committee Meeting in Seoul in June 2011. International leader in the study, research and testing fields on electrical components for more than twenty years he has foreseen the strategic importance of the smart grids since their early application and has directed the efforts of his team towards cutting-edge technologies in this field. He represents Italy in many international contexts such as the European Electricity Grids Initiative and the Implementing Agreement on Electricity Networks Analysis Research and Development, where he has the role of Vice-chairman. He has been one of the prime movers of the Smart Grids Joint programme of the European Energy Research Alliance. Registered professional engineer in the Milan Orders of Engineers he is also officer for the certification of the energy performances of buildings for Lombardy. Author or co-author of nearly 100 scientific papers, several of which published in high impact-factor magazines.

Philip Mezey

President and Chief Operating Officer, Itron

Philip Mezey became president and chief operating officer for Itron's global Energy segment in March 2011, with responsibility for the operations of Itron's electricity and gas businesses around the world. He has served the company in several capacities including senior vice president and COO – Itron North America, group vice president and general manager, as well as senior vice president for Software Solutions. Upon Itron's acquisition of Silicon Energy in 2003, Mezey joined the company as managing director of Software Development for Itron's Energy Management Solutions group. He joined Silicon Energy in 2000 as vice president, Software Development. Prior to joining Silicon Energy, Mezey was a founding member and served 12 years with Indus, a provider of integrated asset and customer management software. Mezey earned his BA degree in history from the University of California, Berkeley.



Session 4: The Technology Horizon: Future Trends and Potential Disruptions

Moderator and Speaker Bios

Laurent Schmitt

Vice President, Smart Grid Solutions, Alstom Grid

Laurent Schmitt graduated in September 1998 from Supélec, Paris in France with a degree in Power System Engineering. He started his career in the Power Generation area with ALSTOM on Hydro and Thermal Plant Controls in Northern America. In 2000 Laurent moved to the Alstom T&D division, sold to Areva T&D, where he held positions as Sales Director for South-East Asia and Product marketing Director. In June 2007, he was appointed Director for Strategy at the Areva T&D Automation Business Unit. In 2008 he was appointed Vice-President for Strategy & Innovation for the Energy Management Business of Alstom Power. Following the integration of Areva T&D's activities within Alstom in June 2010, Laurent joined the new Alstom Grid sector as Vice President for Smart Grid Solutions, in charge of developing Alstom's offering on the Smart Grid segment. Laurent Schmitt is member of several strategic industry committees working on Smart Grids such as CIGRE, IEC, EPRI and ENTSOe. He recently co authored a white paper on Smart Grids standards convergence published through the CIMUsergroup as well as on Smart Cities to the World Energy Conference.

Gary Rackliffe

Vice President, Smart Grid North America, ABB Inc.

Gary Rackliffe is the VP of Smart Grids, leading ABB's initiative in North America which includes business development, partnerships, marketing, and product strategies. Gary has 25+ years of T&D experience, working for ABB in Raleigh the last 19 years. His background includes regional sales and business development, strategic marketing, sales and marketing for operational software systems, and Flexible AC Transmission Systems (FACTS) business management. Gary holds BS and ME degrees in Power Engineering from RPI and a MBA from Carnegie Mellon. He serves on the GridWise Smart Grid Implementation Committee, DistribuTECH Advisory Committee, and NEMA Smart Grid Council. He is a Registered Professional Engineer and IEEE Senior Member. He co-authored a T&D planning book, and has written several technical papers.



Session 5: Smart Grid Data: Insights, Privacy, or Both?

Moderator and Speaker Bios

Moderator:

David Leeds

Smart Grid Analyst, Greentech Media

David Leeds directs the smart grid research practice at GTM. Mr. Leeds has guest lectured on the subject at MIT, Stanford, and The Wharton School of Business (University of Pennsylvania). He has been quoted as an expert by The New York Times, The Wall Street Journal and The Washington Post; his perspective pieces have appeared in a variety of publications including BusinessWeek, Power Magazine and Fortune. He is the author of the groundbreaking report "The Smart Grid in 2010," which has been downloaded more than 10,000 times. An avid world-traveler, David has come into contact with many of our most pressing environmental and social challenges. His research, focused on the convergence of IT, telecom and energy networks, leads him to believe that a smarter future is possible if we can reinvent our collective relationship with energy. Mr. Leeds completed his degree in international business and finance at Trinity College at Oxford (U.K.) and the McDonough School of Business at Georgetown University. He lives and works in New York City.

Speakers:

Andy Bochman

Energy Security Lead, IBM Rational

A former Air Force communications and computer officer, technology analyst and veteran of several cyber security start-ups, Andy is Energy Security Lead for IBM's Rational division, where the focus is on securing the software that runs the Smart Grid. Andy states that his primary mission is to increase energy sector cyber security awareness and preparedness within public and privately held electric utilities and the Federal, State and local organizations that regulate them. To that end, he is a frequent speaker, writer and advisor on topics at the intersection of grid modernization, renewables, energy efficiency and cyber security. Andy is founder and editor of the influential Smart Grid Security and DOD Energy blogs. He's a contributor to industry and national security working groups on energy security and cyber security issues, including: DHS/DoD Software Assurance Forum and working group; NIST Smart Grid Cyber Security Work Group (CSWG); and GridWise Interoperability and Cyber Security Work Group.

Vesa Koivisto

Smart Grid Executive

Mr. Koivisto holds M.Sc. in Engineering and MBA in Strategic Management and has more than 10 years of management and leadership experience from the power and utilities sector in European, and in particular the Nordic power markets. His focus has been in the retail and distribution businesses, where Mr. Koivisto has held leadership positions throughout the value chain, including power portfolio and risk management, marketing and sales, contract and customer relationship management as well as new business development. Most recently Mr. Koivisto has focused on Smart Grid, Smart Metering and Smart Home technologies and has been involved with Home Area Network solutions for Smart Meter infrastructure, Home Energy Management solutions and offerings, Demand Response, Smart Charging solutions for Electric Vehicles as well as Smart City solutions. Along with his responsibilities, Mr. Koivisto has conducted research on Corporate Strategies of European Power Utilities and as well as on utility strategies on emerging opportunities in Home Energy Management domain. Mr. Koivisto is currently in transition from his long-standing employer and a leading Nordic power utility, Fortum, due to relocation to the USA.



Session 5: Smart Grid Data: Insights, Privacy, or Both?

Moderator and Speaker Bios

Elias Quinn

Former Consultant, Colorado PUC

Elias L. Quinn worked as a consultant for the Colorado Public Utilities Commission, clerked for a Justice on the Colorado Supreme Court, and now serves as a Trial Attorney for the Environmental Enforcement Section of the U.S. Department of Justice. He is the author of a number of articles about privacy issues surrounding smart grid development, which are freely available at http://papers.ssrn.com/author_id=1239693. His work on the issue has been cited in briefs to the Supreme Court of Canada, comments to numerous federal agencies, guidance from NIST, and testimony before Congress. The views expressed in these papers and at the Gridwise Global Forum are the personal views of Mr. Quinn and do not necessarily reflect the views of the Department of Justice.

Lee Tien

Senior Staff Attorney, Electronic Frontier Foundation

Lee Tien is a senior staff attorney specializing in free speech and privacy issues at the Electronic Frontier Foundation (EFF), a non-profit civil liberties organization based in San Francisco, California. EFF has worked on smart grid privacy issues for a number of years in the NIST smart grid privacy working group and in the California legislature. During the past year, he helped develop the California PUC smart meter privacy regulatory framework. His other current privacy issue areas include: telecommunications surveillance and online tracking; cyber-security; identity management; electronic health records privacy; biometrics; and transportation and location privacy. He has written several law review articles on topics ranging across technology, privacy, and free speech. He received his bachelor's degree from Stanford University and his law degree from the University of California at Berkeley School of Law.

Matt Baker

Commissioner, Colorado Public Utilities Commission



Session 6: Smart Grid and the Regulatory Landscape: Evolution or Revolution?

Moderator and Speaker Bios

Moderator:

Ron Binz

President, Public Policy Consulting

Ron Binz is a principal at Public Policy Consulting, specializing in energy and telecommunications economics and policy issues. He is also a Senior Policy Advisor at the Center for the New Energy Economy at Colorado State University. Until April 2011 Ron was Chairman of the Colorado Public Utilities Commission, appointed by Colorado Governor Bill Ritter in January 2007. As Chairman, Ron led the Colorado PUC in implementing the many policy changes championed by the Governor and the Legislature to bring forward Colorado's "New Energy Economy." Ron was an active member of the National Association of Regulatory Utility Commissioners, serving as Chair of NARUC's Task Force on Climate Policy. He is a member of the Harvard Electricity Policy Group, the Keystone Energy Board and recently served on the Advisory Council to the Electric Power Research Institute (EPRI). Binz has testified before Congressional committees fifteen times. Ron received a B.A. in Philosophy from St. Louis University in 1971 and an M.A. in Mathematics from the University of Colorado in 1977. He also completed course work for a Master's Degree in Economics from the University of Colorado.

Speakers:

Ellen Anderson

Chairman, Minnesota Public Utility Commission

Ellen Anderson served in the Minnesota Senate from 1993 to 2011. During this time, she Chaired the Energy and Telecommunications Committee and Environment, Energy, and Natural Resources Finance Committee. She also authored numerous energy and consumer protection laws, including the Renewable Energy Standard and Community Based Energy Development (CBED) laws. Ellen received her B.A. degree from Carleton College and J.D. cum laude from the University of Minnesota Law School. She was an Adjunct faculty member at Metropolitan State University and the University of Minnesota. Chair Anderson has served in numerous leadership and community volunteer positions and received dozens of awards for her leadership in energy, environment, and other issues. She was appointed Commissioner and Chair by Governor Mark Dayton on March 28, 2011. Her term expires on January 2, 2017.

Kathy Brown

Senior Vice President, Public Policy Development & Corporate Responsibility, Verizon

Kathryn C. Brown is senior vice president - Public Policy Development and Corporate Responsibility. She has been with the company since June 2002. She is responsible for public policy development and messaging, emerging issues management, and cultivating strategic alliances with key national and international organizations. She is also responsible for Verizon's domestic and international corporate responsibility initiatives. Ms. Brown has responsibility for the Verizon Foundation and its focus on the issues of education and literacy, with programs such as the Verizon Thinkfinity.org education website, and safety and health, supporting initiatives that further Internet safety, and apply technology to increase access to healthcare information and services. Prior to joining Verizon, Ms. Brown held leadership positions as a partner at the law firm of Wilmer, Cutler & Pickering; Chief of Staff to Federal Communications Commission (FCC) Chairman William E. Kennard; and Associate Administrator, Office of Policy Analysis and Development, U.S. Department of Commerce's National Telecommunications & Information Administration. Ms. Brown has also worked at senior levels at the New York State Public Service Commission, New York State Court of Appeals, and respectably serves on numerous boards and advisory committees. Ms. Brown received her J.D., summa cum laude, from Syracuse University College



Session 6: Smart Grid and the Regulatory Landscape: Evolution or Revolution? **Moderator and Speaker Bios**

of Law in 1980 and her B.A., magna cum laude, from Marist College in 1974. She is admitted to practice in New York and the District of Columbia.

Maureen Harris

Commissioner, New York State Public Service Commission

Maureen F. Harris was appointed Commissioner of the New York State Public Service Commission on June 14, 2006. Her term runs through February 1, 2012. Ms. Harris 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 focusing her practice on the representation of investment banks, municipalities, school districts, 501(c)(3) organizations, borrowers, industrial development agencies, and trustees in connection with a variety of tax-exempt and taxable financings. 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. Since 2004, Ms. Harris has served as a Board Member of The Harriman Research and Technology Development Corporation, a subsidiary of New York State Empire State Development Corporation.

Joseph T. Kelliher

Executive Vice President, Federal Regulatory Affairs, NextEra Energy, Inc.

Joseph T. Kelliher is Executive Vice President – Federal Regulatory Affairs for NextEra Energy, Inc. He is responsible for managing federal regulatory matters for NextEra Energy and its principal subsidiaries, NextEra Energy Resources and Florida Power & Light Company. Mr. Kelliher served as Chairman of the Federal Energy Regulatory Commission (FERC) from 2005 to 2009. In that role, he served as the chief executive officer of the agency, managing 1,400 employees and a \$260 million annual budget. Among the highlights of his chairmanship was efficient implementation of the Energy Policy Act of 2005, the largest expansion in FERC regulatory authority since the 1930s. Chairman Kelliher also pursued a series of reforms to promote competitive wholesale power and natural gas markets, improve FERC economic regulation, and strengthen the U.S. energy infrastructure. Mr. Kelliher has also served in a variety of roles in both the public and private sectors including senior policy advisor to the Secretary of Energy; and majority counsel to the House Commerce Committee, as well as positions with private corporations, trade associations, and law firms. In 2010, the U.S. Department of Energy (DOE) named Mr. Kelliher a member of its Electricity Advisory Committee. Mr. Kelliher earned a bachelor of science degree from Georgetown University, School of Foreign Service, and a juris doctor degree, magna cum laude, from The American University Washington College of Law.



Session 7: Integrating Renewables: The Hype, The Challenges, and the Reality

Moderator and Speaker Bios

Moderator:

James Avery

Senior Vice President, Power Supply, San Diego Gas & Electric

James P. Avery is the Senior Vice President, Power Supply for San Diego Gas & Electric (SDG&E), a regulated subsidiary of Sempra Energy, a San Diego-based Fortune 500 energy services holding company whose subsidiaries provide electricity, natural gas and value-added products and services to 3.4 million consumers in San Diego and southern Orange counties. Mr. Avery oversees the company's generation, system planning, project development and electric procurement business unit operations. Avery is also responsible for the company's Smart Grid technologies, policies and initiatives. Prior to joining SDG&E, Avery was a consultant with R.J. Rudden Associates, one of the nation's leading management and economic consulting firms specializing in energy and utility matters. Avery has extensive experience in utility operations and management. He was the CEO of the electric and gas operations at Citizens Utilities Company, a multi-service organization that provided electric, gas, telecom, water and wastewater services in 21 states across the nation. He is the Chairman of the California Transmission Planning Group, a Director of the California Power Exchange and has served as a Director of Vermont Electric Power Company, RJ Rudden Associates and held positions at American Electric Power. He also is a senior member of multiple engineer associations. Avery is a graduate of the Executive Management Program at Dartmouth College and he holds a Bachelor of Engineering degree from Manhattan College.

Speakers:

Andre-Jacques Auberton-Herve

President, CEO and Chairman of the Board, Soitec

André-Jacques Auberton-Hervé earned a PhD in physics at France's Ecole centrale de Lyon. He started his scientific career at CEA-Leti, where he oversaw new technology development and transfer to Thomson CSF. He co-founded Soitec with Jean-Michel Lamure in 1992 to develop and commercialize the revolutionary Smart Cut™ "atomic scalpel" technology. Since then, the company has continued to innovate and grow. Today it is leading technological advances that will shape the performance of tomorrow's products on markets like computing, telecommunications, automotive electronics, and lighting. Its Concentrix™ technology has also enabled Soitec to become a global leader in the manufacture of systems used by the concentrator photovoltaic (CPV) solar energy industry. André-Jacques Auberton-Hervé sits on the boards of several organizations, including the French National Association for Technical Research (ANRT), the association for European Nanoelectronics Activities (AENEAS). He is the Vice-Chairman of the SEMI Board (Semiconductor Equipment and Materials International), Chairman of the SEMI European Advisory Board, the Chair Emeritus of the Board of the SOI Industry Consortium Board after serving 3 years as the first Chairman. He is member of the High Level Group on Key Enabling Technologies of the European Commission, the Electrochemical Society, the IEEE, the European Nanoelectronics Initiative Advisory Council (ENIAC).

Jeffrey Meyers

Smart Grid Executive, Telvent

Jeff Meyers is a second-generation electrical engineer, and former president of Telvent Miner & Miner. In his 30-year utility career, Meyers has designed electric substations and transmission lines, and developed system planning and protection studies. Since 1987, he has worked on more than 50 GIS development projects for a variety of gas, electric and other utilities, based on the developing and evolving technology



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of ESRI and Telvent. In 2008, he relinquished his role as head of Telvent M&M to focus exclusively on Smart Grid technology. Meyers is a registered professional engineer in several states of the US. and a five-time Speaker of The Year award winner of GITA. He is member of IEEE, the SGIP (non-voting), GridWise Alliance ICWG, and serves on the Advisory Board for Microsoft's Smart Energy Reference Architecture. Mr. Meyers has a BS in Chemical Engineering from the South Dakota School of Mines and Technology, and an MS in Electrical Engineering from the University of Colorado.

John Soyring

Vice President, Industry Solutions, IBM Corp.

John Soyring provides global business leadership for the industry solutions & industry products portion of the IBM business, providing functional leadership for strategy, research & development, marketing & sales, business development, product support, and services related to the IBM offerings for all industries. He is also the co-leader of the Alliance of IBM Software and IBM Global Business Services Group. John is a member of the IBM Industry Academy Advisory Board, the IBM Eco-Efficiency & Sustainability Executive Board, and the "Banking the Unbanked" Executive Board. Prior to assuming his current position, John was vice president and senior executive for the IBM Software Services and Support business unit. John has a B.S. in electrical engineering from Michigan Technological University. He has completed graduate studies in the fields of computer science, electrical engineering and business administration at the University of Minnesota and State University of New York. He has received honorary doctorates of engineering from Michigan Technological University and Moscow Engineering Physics Institute (which was renamed during 2009 as the National Research Nuclear University). He is a member of the Industry Advisory Council of the American Indian Science & Engineering Society (AISES). He is also a member of both the Campaign Fund Committee and the Industry Advisory Board of Michigan Technological University.

Shijo Takenaka

Chief Fellow of Smart Community Division, Toshiba Corporation

Shoji Takenaka's background is in power systems. He joined the Power Systems Control Department of the Fuchu Works Division of Toshiba Corporation in 1978. In 1991 he became Manager of the department, and continued to be a part of Fuchu Works through 1997. He became a Technology Executive in the Power Systems Division in 2005, and in 2008 moved into Toshiba's Transmission Distribution & Industrial Systems Company. Currently he is Chief Technology Officer of this department, as well as being General Manager of the Photovoltaic Systems Division. Mr. Takenaka received his Bachelor's and Master's Degrees in Engineering from Yokohama National University in 1978.

Shlomo Wald

Chief Scientist, Ministry of National Infrastructures, Israel

Dr. Wald is currently the Chief Scientist of the Israel Ministry of National Infrastructures. He is responsible for long-term national policy and technology development in the fields of: energy, water, earth and marine sciences. Dr. Wald's expertise is predominantly in quantum mechanics, scattering modelling and calculations in nuclear physics. This includes intensive computational work (including random Hamiltonians and Monte Carlo techniques), theoretical work on relativistic and nonrelativistic heavy-ion scattering modelling, computer programming and calculations, experimental work on the development of position-sensitive neutron detector and E-dE/dx solid-gas heavy-ion detector, and computation on on-line data acquisition system for multiparameter coincidence experiments and simulation code for heavy-ion scattering and detector response. Prior to this appointment, Dr. Wald was Manager and Scientific adviser



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of E.C.E.P (Engineering, Construction, Erection and Promotion) Ltd. and A. Wald (Trade & Investment) Ltd., family-owned companies that promote and manage projects in the infrastructure industries. Dr. Wald also has 20 years of experience as the Chief scientist at the Propulsion Physics Laboratory at the Soreq Nuclear Research Center, where he led numerous large-scale, national and international, scientific projects in the fields of plasma physics, fluid dynamics and propulsion technologies. Dr. Wald has a B.Sc in physics and mathematics from Tel-Aviv University; and an M.Sc. and Ph.D studies at the Weizmann Institute of Science, Rehovot, Israel.



Session 8: Connecting with Consumers: Strategies for Successful Consumer Engagement

Moderator and Speaker Bios

Speakers:

Bob McDonald

Chairman of the Board, President and Chief Executive Officer, Procter & Gamble

Bob McDonald is the Chairman of the Board, President and Chief Executive Officer of Procter & Gamble. With more than 30 years of brand-building, market development, global business unit and global operations leadership experience across the Company and throughout the world, he is the most broadly experienced CEO in P&G history. Bob is Purpose-Driven... and his strategy for P&G's growth is linked tightly to the Company's Purpose. He has committed to build P&G's business by touching and improving more consumers' lives in more parts of the world... more completely—a strategy that will help P&G reach five billion consumers in the decade ahead, roughly double the number of consumers P&G was reaching a decade ago. Bob's belief in the power of purpose and commitment to service defines him as an individual and a global business leader.

Petter Allison

Managing Director, Innovation & Technology, British Gas

Petter Allison is Managing Director Innovation & Technology at British Gas, responsible for developing and managing a portfolio of investments and partnerships in relevant technology areas, and managing British Gas' smart metering policy. As Director Smart Metering from 2007-2010, Petter led the transformation programme including business design, technology and systems, process change, customer operations, and economics. Petter has held a range of roles in Centrica, including heading Metering & Payments, Head of Commercial in both Residential Energy and Home Services, Corporate Strategy & Development, M&A, telecoms and broadband development, and Commercial Director for BG Deutschland. Petter started his career as a project economist working in Africa and Asia for multilateral finance institutions.

Beth Comstock

Chief Marketing Officer & SVP, GE

Beth Comstock is Chief Marketing Officer and SVP of GE. She leads the company's organic growth and commercial innovation initiatives, and the sales, marketing and communications functions. She is responsible for the GE-wide business platforms ecomagination, devoted to reducing environmental impact with new technology, and healthymagination, focused on achieving sustainable health through innovation by lowering costs, improving quality and reaching more people. She returned to the CMO role after having spent over two years as President of Integrated Media at NBC Universal. Beth oversaw the television ad sales, marketing and research teams, with a focus on new advertising innovations. She led the company's digital media development and distribution, including the formation of hulu.com, Peacock Equity and the acquisition of ivillage.com. In 2003, she was named GE's first Chief Marketing officer in more than 20 years and as such, helped reinvigorate marketing across the company, introducing ecomagination, Imagination Breakthrough innovations and the "imagination at work" brand campaign. Previously, Beth held a succession of publicity and promotions roles at GE, NBC, CBS and Turner Broadcasting. She began her career in local television production in Virginia. Beth is a trustee of the Smithsonian's Cooper-Hewitt National Design Museum. She is a graduate of the College of William and Mary. She and her husband have two daughters.



Session 8: Connecting with Consumers: Strategies for Successful Consumer Engagement

Moderator and Speaker Bios

Michael Niggli

President and Chief Operating Officer, San Diego Gas & Electric

Michael R. Niggli is president and chief operating officer of San Diego Gas & Electric (SDG&E), Sempra Energy's 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. Mr. Niggli assumed his current role after having been chief operating officer of SDG&E and Southern California Gas Co., another of Sempra Energy's regulated California utilities and president of Sempra Generation. Prior to joining Sempra Energy in 2000, Niggli was chairman and CEO of Nevada Power Company and Sierra Pacific Resources, contributing to a successful merger of the two companies that doubled their size and strength. He also guided the company through the deregulation process in Nevada and achieved the highest J.D. Power and Associates customer satisfaction rating of any electric utility in the western United States. From 1988 to 1996 Niggli served as a senior executive with Entergy Corp. Niggli holds a bachelor's and a master's degree in electrical engineering from California State University, Long Beach and San Diego State University. He founded the graduate program in power engineering at San Diego State University. Niggli serves as the chair of the Dean's Advisory Council for Engineering, California State University, Long Beach and serves on the boards of the Great Basin National Park Foundation; the San Diego Regional Chamber of Commerce and sits on the advisory councils of UCSD's Jacobs School of Engineering and the UC Davis Energy Efficiency Center.

Susan Story

President and CEO, Southern Company Services

Susan Story is president and CEO of Southern Company Services. In that role, she is responsible for information technology, human resources, supply chain management, marketing services, SouthernLINC Wireless, and Southern Telecom. Story also leads Southern Company's efforts to coordinate activities related to "smart" technology investment and deployment, including smart grid, smart meters, and emerging technologies involving energy efficiency and customer energy choices. From 2003-2010, Story served as president and CEO of Gulf Power. Under her leadership several environmental projects were completed, including the installation of a state-of-the-art scrubber system, construction of Southern Company's first landfill gas generation facility, and the launch of the Mercury Research Center at Plant Crist. Story joined Southern Company in 1982 as a nuclear power plant engineer. She has served as executive vice president, engineering and construction services, and vice president, supply chain management, at Southern Company, and vice president, real estate and corporate services at Alabama Power. Story serves on the Edison Foundation's Institute for Electric Efficiency Strategy Committee, the National Center for Energy Workforce Development board, Raymond James Financial, Inc. Board, and the H. Lee Moffitt Cancer Center Board of Advisors. Story has an industrial engineering degree from Auburn University, an MBA from the University of Alabama, and has completed executive education and leadership programs at Duke, Oxford, Cambridge and Harvard Universities.



Session 9: Building the Smart Grid: Best Practices for Success Moderator and Speaker Bios

Moderator:

Ethan Zindler

Head of Policy Analysis
Bloomberg NEF

Ethan Zindler is Head of Policy Analysis at Bloomberg New Energy Finance, the world's leading provider of data, research, and news on the clean and low-carbon energy sector. Zindler is charged with managing and expanding BNEF's coverage of key policy developments globally impacting renewables, biofuels, and energy efficiency. He oversees BNEF research in key developing markets around the world. From 2006 to May 2010, Zindler served as BNEF's Head of North American Research. In that role, he set the firm's research agenda for the US, Canada, and Mexico while overseeing a regional team of analysts, researchers, and news writers. Based in Washington, Zindler's particular area of expertise was US clean energy policy and he has written extensively on the Obama administration's moves on key regulations as well as about legislation before Congress. Zindler serves as New Energy Finance's main spokesperson in North America and has been quoted extensively in the media, including in the Wall Street Journal, the Associated Press, Fortune, and elsewhere. He has spoken at numerous conferences including those organized by the [United Nations](#), National Governors Association, Platts, and others. He has testified on clean energy issues before the Senate Energy & Natural Resources Committee as well as the US-China Economic and Security Review Commission.

Speakers:

Eric Dresselhuys

Founder and Chief Marketing Officer, Silver Spring Networks

Eric 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.

Livio Gallo

CEO, Enel Distribuzione
Chairman, EDSO Smart Grids Association

Livio Gallo is the Managing Director of the Networks and Infrastructures Division of Enel and Chief Executive Officer of Enel Distribuzione SpA. He is also the Chairman and founding member of the EDSO for Smart Grids Association, a group of 11 among major European Energy distributors, constituted in May 2010, part of the European Industrial Initiative on Smart Grids with the TSOs Association ENTSOE. In addition Livio Gallo is Vice Chairman of the Eurelectric DSO Director Gathering. The mission of the Networks and Infrastructures Division is to: provide transmission and distribution of electricity and gas achieving excellence in the quality of service and in the operational activities, optimizing the asset management; to assure the best efficiency in metering systems management (more than 31 million of electronic meters managed and read from the automatic "Telegestore" system). From 1999 to 2005, Mr.



Session 9: Building the Smart Grid: Best Practices for Success

Moderator and Speaker Bios

Gallo served Enel Distribuzione as Executive Vice President, Business Area Electric Network; Executive Vice President, Regulated Sales Area; and Enel's Gencos as Executive Vice President of Sales Area. Before 1999, he was Area Vice President West Europe and Africa for Eltag Bailey Process Automation, a Finmeccanica Group's company. He was also member of the Group Executive Committee and Board of Directors of several companies in Europe.

Robert Shapard

Chairman, GridWise Alliance

Robert S. Shapard is chairman and CEO of Oncor Electric Delivery. As CEO of Oncor, Shapard is focused on achieving the objectives of industry-leading reliability, customer service and cost productivity. He is also overseeing Oncor's infrastructure investment program, which is focused on transmission and distribution network expansion and upgrades, including one of the largest deployments of advanced meters in the country, leading a significant expansion of the state's transmission grid and other new digital technologies across the network. Shapard also serves as the Chairman of GridWise Alliance (GWA). Shapard has a wealth of operating, financial and leadership experience from past positions. He rejoined TXU in late 2005 as a strategic advisor, helping to implement and execute growth and development strategies. Previously, he served the company for 20 years in various financial and operating leadership roles, finishing as managing director of former subsidiary TXU Australia which owned and operated an electric generation business, a wholesale trading business, electric and gas retail, and electric and gas regulated utility businesses. Shapard also has held leadership positions at Tenet Healthcare Corp., Exelon Corp., Covanta Energy Corp. and Ultramar Diamond Shamrock, serving primarily as those businesses' chief financial officers. Shapard holds a bachelor's degree in accounting from Texas Tech University and is a certified public accountant.

Sander van 't Noordende

Group Chief Executive, Management Consulting, Accenture

Sander van 't Noordende is group chief executive of Accenture's Management Consulting growth platform, with responsibility for the company's capabilities and services across seven service lines: Customer Relationship Management; Finance & Performance Management; Process & Innovation Performance; Risk Management; Talent & Organization Performance; Strategy; and Supply Chain Management. Additionally, Mr. van 't Noordende is responsible for several company-wide initiatives, including Analytics, Sustainability Services, and Business Process Management. He is also a member of Accenture's Global Management Committee. From September 2006 until being appointed to his current role in March 2011, Mr. van 't Noordende was group chief executive of Accenture's Resources operating group, which serves clients in the utilities, chemicals, energy (oil and gas), forest products, and metals and mining industries. Previously, he led Accenture's Resources operating group in Southern Europe, Africa, the Middle East and Latin America, France, Belgium and the Netherlands. In addition, from 2001 until September 2006, Mr. van 't Noordende served as Accenture's country managing director for the Netherlands. Since joining Accenture in 1987 he has led both marketing-strategic projects and large-scale transformation and IT projects. Mr. van 't Noordende holds a degree in industrial engineering from the Eindhoven University of Technology in The Netherlands, with a specialty in finance and marketing.



Session 10: Investing in our Electrical Future: The Impact Globally and Locally

Moderator and Speaker Bios

Moderator:

Chuck McDermott

General Partner, RockPort Capital Partners

Chuck began his cleantech career over 20 years ago helping to launch in 1984 the nation's first independent bulk electric power trading company, the predecessor to Citizens Power. In 1986, having directed the successful campaign of Congressman Joseph Kennedy II, Chuck served two terms as his Chief of Staff. He then joined Waste Management, the world's largest environmental services company, as Vice President for Government Affairs. During his 12 years of senior level energy and environmental policy work in Washington, DC Chuck established strong administrative and strategic relationships that have put him at the forefront of cleantech policy deliberations today. He currently serves on the Boards of Directors of Advanced Electron Beams, Project FROG, Recurve, Soliant Energy, and Tioga Energy (Observer). He serves as President of the Smart Grid Policy Center, a member of the Executive Committee of the New England Energy Council, past Chairman of the GridWise Alliance, and member of both the National Renewable Energy Laboratory Venture Capital Advisory Committee and Energy Future Coalition Advisory Council.

Speakers:

Terry Effeney

Chief Executive Officer, ENERGEX

Terry Effeney was appointed CEO of ENERGEX in January 2007. Prior to joining ENERGEX, Terry held the role of COO (Chief Operating Officer) of Ergon Energy for three years and was an Executive Manager with Ergon Energy and its predecessor organisations for more than 10 years. Terry has more than 30 years' experience in the energy industry, combining an engineering and economics background with extensive operational management experience. Terry is Deputy Chair of Energy Networks Association (ENA) and Chair of ENA's Smart Networks Committee. Terry has an Honours Degree in Electrical Engineering, a Masters Degree in Engineering and a Degree in Economics. He has undertaken management studies at the Australian Graduate School of Management and most recently at the Michigan Business School in the USA. He is also a Graduate Member of the Australian Institute of Company Directors.

Ja-Kyun Koo

Vice Chairman and CEO, LSIS
Chairman, Smart Grid Korea Association

Dr. Koo is Vice Chairman and CEO of LSIS, a leading solution provider in Electric Power and Automation business in Korea. He has turned LSIS into green-business oriented company, which resulted in winning the Presidential Award in National Green Technology Award for smart-grid energy efficiency system in 2010. Dr. Koo played a major role in the foundation of the Korea Smart Grid Association, which now has over 130 members, and he has been KSGA Chairman since 2009. His collaboration with GridWise Alliance led to the establishment of the Global Smart Grid Federation, in which he was elected Vice Chairman since 2010. He participated in the 2nd Clean Energy Ministerial, in Abu Dhabi, United Arab Emirates, where he represented as Korean delegate in the private sector as well as Vice Chairman of GSGF. Prior to joining LSIS in 2005, he delivered a series of lectures in International Finance and Business Management as a professor at Korea University, Seoul, Korea since 1997. His focus is on achieving the growth of enterprise by combining management principles with the business practices in a long-term perspective. Dr. Koo has a B.A. degree from Korea University, Seoul, Korea, a M.A. from the



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Moderator and Speaker Bios

University of Texas at Dallas, and a Ph. D. from the University of Texas at Austin. He enjoys deep-ocean skin-scuba diving and has been Chair of Seoul division in Korea Underwater Association since 2006.

Karen Marshall

Chief, Connect VT, Vermont Agency of Administration

Karen L. Marshall is the Chief of ConnectVT, senior advisor to Governor Peter Shumlin and responsible for leading the State of Vermont's initiative to achieve universal availability of broadband and mobile service by 2013. She works within the Agency of Administration to provide strategic direction, policy and accountability for achieving goals with various stakeholders in the telecommunications and electrical utility sectors. These stakeholders include private sector telecommunications providers, Vermont's electrical transmission and distribution utilities, the Vermont Legislature, arms of state and federal government, regulatory bodies, and the Vermont Telecommunications Authority. She has a wealth of private sector experience having served in various roles to define and lead change in organizations. Those roles include: as the Chief Operating Officer at SecurShred, a Vermont owned and operated business providing confidential document shredding, imaging, storage and electronic waste services throughout the region; as the principal strategist at her own firm, cogent strategy, where she specializes in assisting organizations in developing talent, operationalizing strategic planning, and creating successful marketing and media strategies. Her early career spanned 25 years in media in various roles including: VP Northern New England for Comcast Spotlight, the advertising division of Comcast Cable and Vice President Vermont for Clear Channel Communications where she managed 15 radio stations.

Joseph M. Rigby

Chairman of the Board, President and Chief Executive Officer, Pepco Holdings, Inc.

Joseph M. Rigby is Chairman of the Board, President and Chief Executive Officer of Pepco Holdings, Inc. (PHI), a regional energy holding company that provides utility service to approximately 1.9 million customers. PHI is the parent company of Pepco, an electric utility serving Washington, D.C., and suburban Maryland; Delmarva Power, an electric and gas utility serving Delaware and the Delmarva Peninsula; and Atlantic City Electric, an electric utility serving southern New Jersey. Mr. Rigby joined Atlantic City Electric in 1979 and advanced through a number of management positions. Soon after the merger that formed Conectiv, he was elected President, Conectiv Power Delivery and then Senior Vice President and Chief Financial Officer; Executive Vice President and Chief Operating Officer; and President and Chief Operating Officer of PHI. Mr. Rigby was elected President and Chief Executive Officer effective March 1, 2009, and Chairman of the Board on May 15, 2009. Mr. Rigby earned a Bachelor of Science degree in Accounting from Rutgers University and an MBA from Monmouth University. He is also a licensed Certified Public Accountant in the state of New Jersey. Mr. Rigby is Chairman of the United Way of the National Capital Area and Secretary of the Greater Washington Board of Trade and serves on the boards of numerous business and nonprofit organizations.

Hiroshi Watanabe

Executive Director, New Energy and Industrial Technology Development Organization (NEDO)

Mr. Watanabe joined the Ministry of International Trade and Industry in 1984 and has primarily focused on technological developments. His duties have included assignments at The Japan Key Technology Center, The National Institute for Advanced Interdisciplinary Research (NAIR) and NEDO, as well as at METI's Industrial Science & Technology Policy unit in its Environment Bureau. Mr. Watanabe took up his present post in August 2010 and is in charge of international projects and "Smart Grids."