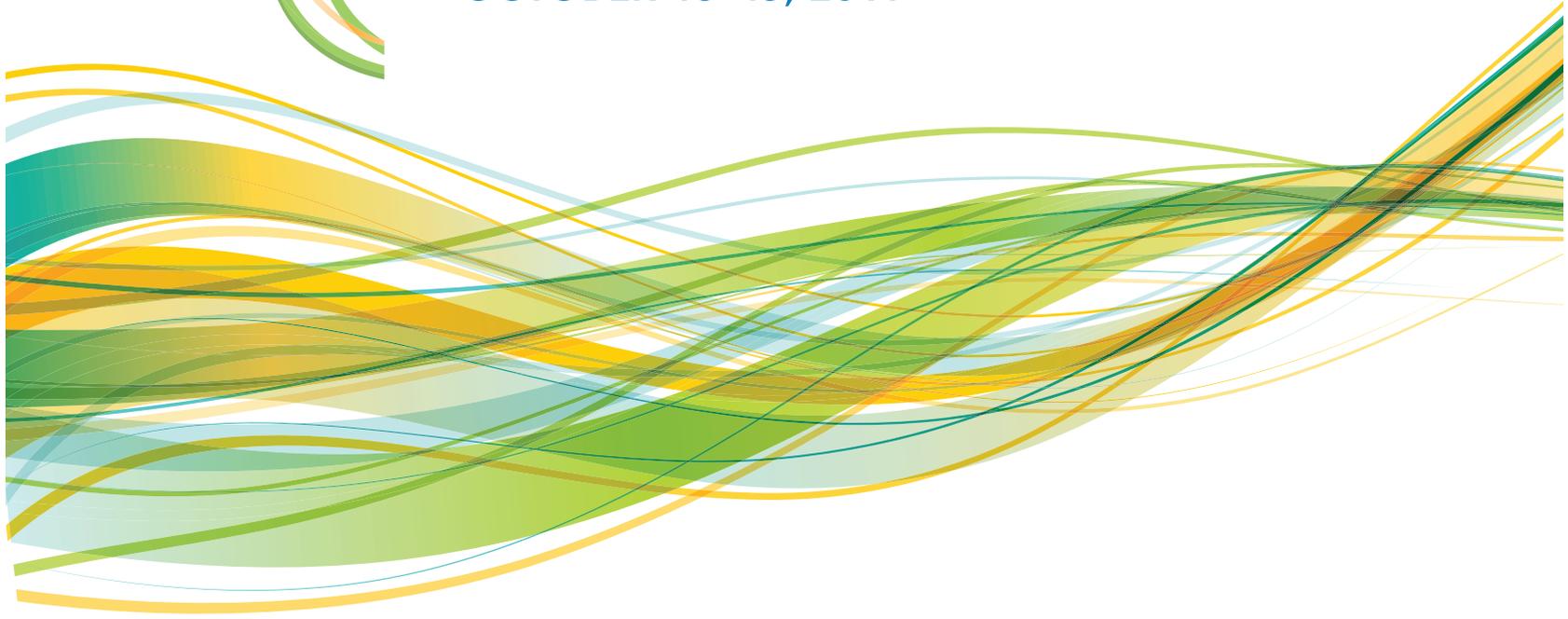




GREAT LAKES SYMPOSIUM
 ON **SMART GRID** AND THE
NEW ENERGY ECONOMY
 OCTOBER 18-19, 2011



PRESENTED BY:



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EVENT PROGRAM



WELCOME TO THE



We are honored to gather local, regional and national stakeholders who are breaking new ground in smart grid design and development. Policy reform is critical to ensuring that grid modernization spurs innovation, stimulates the economy, improves reliability, reduces emissions and empowers consumers to conserve and save. This is particularly true for the Midwest region.

With three distinct tracks, the Symposium provides an opportunity to engage thought leaders on policy and new smart grid projects and discuss new investment and job creation opportunities.

AGENDA

TUESDAY, OCTOBER 18, 2011

Master of Ceremonies: Dr. Mohammad Shahidehpour

Director of the Robert W. Galvin Center for Electricity Innovation, Illinois Institute of Technology

Welcome and Keynote — AUDITORIUM

- 8 – 8:50 a.m. **Registration in Lobby/Gallery**
- 9 – 9:10 a.m. **Welcome**
Hon. Rahm Emanuel, Mayor, City of Chicago
- 9:10 – 10 a.m. **Keynote: Smart Grid and the New Energy Economy**
Ellen Alberding, President, Joyce Foundation
Scott Lang, President and CEO, Silver Spring Networks
Luke Clemente, General Manager of Metering & Sensing Systems,
GE Energy's Digital Energy Services
- 10 – 10:15 a.m. **Leveraging the Convening Power of the PUC**
Doug Scott, Chairman, Illinois Commerce Commission

MORNING SESSION

	EXPO CENTER	AUDITORIUM
	Midwest Policy Summit	Consumer Track: Path to Perfect Power
10:30 a.m. – Noon	<p>How Can Smart Grid Technologies Increase the Efficiency between Transmission and Distribution?</p> <ul style="list-style-type: none">• Moderator: Mark Brownstein, Chief Counsel of the Energy Program, Environmental Defense Fund• Philip Moeller, Commissioner, Federal Energy Regulatory Commission• Vladimir Koritarov, Deputy Director of the Center for Energy, Environmental and Economic Systems Analysis, Argonne National Laboratory• Chantal Hendrzak, Director of Applied Solutions, PJM• Paul Centolella, Commissioner, Public Utilities Commission of Ohio	<p>Leading Practices for Ensuring Consumer Empowerment</p> <ul style="list-style-type: none">• Moderator: Brewster McCracken, Executive Director, Pecan Street Inc.• Eric Dresselhuys, Executive Vice President and Chief Marketing Officer, Silver Spring Networks• Dr. Kristin B. Zimmerman, Manager of Advanced Technology Infrastructure, General Motors Research and Development Center• Dr. Louay Eldada, Chief Science Officer, VP Global R&D, SunEdison

LUNCHEON EXECUTIVE PANEL: The Pursuit of Quality and Innovation — BALLROOM

- Noon – 1:30 p.m. Moderator: **Jim Buckman**, Quality Advisor, Galvin Electricity Initiative
Michael Niggli, President and CEO, San Diego Gas & Electric
Anne Pramaggiore, President and COO, ComEd
Teri Ivaniszyn, Senior Director of Corporate Excellence, Florida Power & Light

AFTERNOON SESSION

	EXPO CENTER	AUDITORIUM
	Innovation and Economic Opportunity Track	Consumer Track: Path to Perfect Power
1:30 – 3 p.m.	<p style="text-align: center;">Smart Grid and Energy Business Leadership Roundtable</p> <ul style="list-style-type: none"> • Session Kick-Off: A Futurist Point of View: Michael J. Meehan, Senior Principal Consultant, KEMA • Integration of Renewable Resources/Energy Storage: Jay Marhoefer, CEO, Intelligent Generation; Chris Walti, Power Originator, Acciona Energy • Smart Buildings: Chris Thomas, Policy Director, Citizens Utility Board; Peter Scarpelli, Vice President of Global Leader of Energy Services, CB Richard Ellis • Electrified Transportation: Paul H. Pebbles, Global Electrification Product Manager, OnStar®; Sam Ori, Director of Policy, The Electrification Coalition • Home/Community Adoption: Jonathan “JT” Thompson, Smart Appliance Utility Leader, GE Appliances – Home and Business Solutions; Rep. Daniel Biss, Illinois State Representative, 17th District 	<p style="text-align: center;">Leading Practices for Grid Safety, Reliability and Power Quality</p> <ul style="list-style-type: none"> • Moderator: Mike Edmonds, Vice President of Strategic Solutions, S&C Electric Company • David Wade, EVP and COO, Electric Power Board of Chattanooga, Tenn. • Mark Curran, Director of Public Utilities – Electric, City of Naperville, Ill. • Greg Blake, Global Smart Grid Sales Director, GE Energy’s Digital Energy Services • Terence Donnelly, Executive Vice President of Operations, ComEd
	Midwest Policy Summit	Innovation and Economic Opportunity Track
3:15 – 4:15 p.m.	<p style="text-align: center;">Articulating the Benefits of Smart Grid</p> <ul style="list-style-type: none"> • Suzanne Malec-McKenna, Former Commissioner, City of Chicago Department of Environment • David Kolata, Executive Director, Citizens Utility Board • Michael Gregerson, Energy Consultant, Great Plains Institute • Beth Soholt, Director, Wind on the Wires • Jacqueline Voiles, Director of Regulatory Affairs, Ameren Illinois • Wade Malcolm, Global Senior Director for Smart Grid Operations Technology, Accenture 	<p style="text-align: center;">Innovative Marketplace Quick Pitch Competition</p> <p>JUDGES:</p> <ul style="list-style-type: none"> • Doug Dillie, Director of Smart Grid Solutions, Eaton Corporation • Mark Zhu, Investment Professional, DTE Energy Ventures • Paul H. Pebbles, Global Electrification Product Manager, OnStar® • Chris Walti, Power Originator, Acciona Energy • Kerri Breen, Principal, Arsenal Venture Partners • Rob Schultz, Senior Director, IllinoisVENTURES • Teresa Esser, General Partner, Capital Midwest Fund • Sam Hogg, Director of Venture Development, NextEnergy • Kirk Colburn, Managing Director, SURGE • Rep. Robyn Gabel, Illinois State Representative, 18th District • Steve Moffitt, Account Executive, GE
4:15 – 4:30 p.m.	BREAK	
4:30 – 5:30 p.m.	<p style="text-align: center;">Midwest Smart Grid Pilots: Realizing the Economic Value of Smart Grid</p> <ul style="list-style-type: none"> • Moderator: Matthew Summy, President, Illinois Science and Technology Coalition • Nic Stover, Regional Sales Director, Northwest, EnerNOC 	

TUESDAY, OCTOBER 18, 2011 (Continued)

AFTERNOON SESSION

4:30 – 5:30 p.m. **Midwest Smart Grid Pilots: Realizing the Economic Value of Smart Grid** (Continued)

- **Shaun Summerville**, Marketing Program Manager, DTE Energy
- **Dan Francis**, Manager of gridSMART Policy, American Electric Power
- **DeWayne Todd**, Corporate Compliance and Regulatory Affairs, Warrick Primary Metals

NETWORKING RECEPTION: 5:30 – 7 p.m.

WEDNESDAY, OCTOBER 19, 2011

Keynote: Smart Grid and Climate Change

9 – 10 a.m. **Michael Brune**, Executive Director, Sierra Club

MORNING SESSION

	EXPO CENTER	AUDITORIUM	ARMOUR DINING ROOM
	Midwest Policy Summit	Consumer Track: Path to Perfect Power	Innovation and Economic Opportunity Track
10 – 11 a.m.	<p>Developing Good Smart Grid Policy</p> <ul style="list-style-type: none"> • Moderator: Lauren Navarro, Attorney, Environmental Defense Fund • Phyllis Reha, Vice Chair, Minnesota Public Utilities Commission 	<p>Leading Practices for Integrating Clean and Efficient Power</p> <ul style="list-style-type: none"> • Moderator: John Kelly, Executive Director, Galvin Electricity Initiative • Sue Tierney, Managing Principle, Analysis Group • Mike Bull, Manager of Environmental Policy, Xcel Energy 	<p>Growing the Smart Grid Regional Innovation Cluster Workshop</p> <ul style="list-style-type: none"> • Matthew Summy, President, Illinois Science and Technology Coalition • Dan Bowman, Principal, PricewaterhouseCoopers PRTM Management Consulting
11 a.m. – Noon	<p>Developing Great Midwest Smart Grid Strategies</p> <ul style="list-style-type: none"> • Moderator: Miriam Horn, Director, Smart Grid Initiatives, Environmental Defense Fund • Ed Miller, Environment Program Manager, Joyce Foundation • Tom Catania, Vice President of Government Relations, Whirlpool • Ade Dosunmu, Senior Director of Strategic Markets, Comverge 	<ul style="list-style-type: none"> • Shawn Marshall, Executive Director, Lean Energy • Tom Barwin, Village Manager, Oak Park 	<ul style="list-style-type: none"> • Oliver Hazimeh, Principal, PricewaterhouseCoopers PRTM Management Consulting • Jared Racine, Senior Associate, PricewaterhouseCoopers PRTM Management Consulting

LUNCHEON: Midwest Energy Leadership Awards

Noon – 1:30 p.m. Luncheon and Awards Presentation

1:30 – 3 p.m. **Tour of the Perfect Power Microgrid at Illinois Institute of Technology**

KEYNOTE SPEAKERS



ELLEN ALBERDING

Ellen Alberding is the president and a board member of the Joyce Foundation, which has assets of \$800 million and makes grants of \$40 million a year for projects to improve the quality of life in the Great Lakes region. The Foundation is a major funder of environmental groups in the Midwest, with a particular focus on water and air quality. Other Foundation priorities include improving educational outcomes for low-income children; employment and workforce issues; and other initiatives that promote democracy and a diverse and thriving culture.

In June 2011, Alberding was appointed Vice Chair of the City Colleges of Chicago, and she joined the board of Skills for America's Future, which works to improve community college training programs through business partnerships. Alberding is also a founder and board member of Advance Illinois, which advocates for public education reform in Illinois. She is a board member of Independent Sector, where she has worked to establish improved accountability and governance standards for nonprofits. She is also a board member of the Economic Club of Chicago, as well as a trustee of the National Park Foundation. She has served as president and chairman of the investment committee for the Chicago Park District pension fund (1993 – 2001); trustee of Aon Funds (2000 – 2003); trustee of the American University of Paris (2007 – 2008); treasurer of Grantmakers in the Arts (a national organization of arts funders); member of the Public Trust Task Force for the Donors Forum of Chicago; and member of the Cultural Advisory Board for the City of Chicago. She is a member of the Commercial Club and the Chicago Network, and serves on the advisory boards of several nonprofit organizations.



SCOTT LANG

Scott Lang — chairman, president and CEO of Silver Spring Networks — joined the company's founding chief executive in 2004. He brings more than 25 years of leadership, marketing, sales and management experience in the services and utility industries.

Prior to Silver Spring Networks, Lang first worked with Ross Perot at Electronic Data Systems and then joined Perot Systems in 1988, shortly after the company's founding. During his career at Perot Systems, Lang spent 10 years in Europe building the company's international business and went on to lead the Strategic Markets Group, which served the global energy, communications, media, travel and transportation industries.

Under Lang's leadership, Silver Spring Networks was named a 2008 World Economic Forum Technology Pioneer. In 2009, Lang was named Ernst & Young's 2009 Entrepreneur of the Year in Northern California in the clean tech category and Responsible CEO of the Year in the Private Company category by the editors of CRO Magazine.

Lang holds a bachelor's in business administration degree from the University of Mississippi and an executive MBA from The Kellogg School of Management at Northwestern University. He and his wife, Karen, have four daughters.



LUKE CLEMENTE

Luke Clemente is general manager of Metering & Sensing Systems for GE Energy's Digital Energy (DE) business. The DE business provides integrated smart grid solutions and reliable power delivery to electric utilities, as well as supporting the oil and gas and telecom sectors. The Metering & Sensing Systems business contains GE's meters, industrial communications, transformer monitoring and diagnostics product lines.

As DE's Metering & Sensing Systems General Manager, Clemente is playing a leading role in integrating GE's existing DE businesses into a seamless smart grid platform. Some of the businesses to be integrated include metering, substation automation, transmission and distribution control, substation monitoring and diagnostics and Geospatial Information Systems (GIS). As a member of the GE Smart Grid Advisory Board, Clemente works in concert with other senior leaders across GE businesses involved in the smart grid initiative. Some of those GE businesses include GE Appliances, GE Intelligent Platforms, GE Industrial Solutions and GE Transportation (battery storage). In addition to focusing on expanding GE's smart grid portfolio and enhancing its ability to deliver integrated solutions, Clemente and his team are focused on driving increase public awareness globally on the need for a smart grid.

Clemente was a practicing attorney for several years prior to joining Enron in 1993 as a director for business development. In 1998, he joined GE Energy as a business development manager, where he led a number of acquisitions in the areas of energy sensors and monitoring and diagnostic software. In 2001, Clemente moved to GE Rail (now GE Transportation) as the general manager of business development. In 2003, he was named president for GE Rail-China, based in Beijing. While there, he was instrumental in leading the team to establish and rapidly expand GE Rail's presence in China. In 2006, Clemente became product line general manager for GE Energy's control solutions business, where he executed a successful turnaround strategy focused on profitable growth.

He holds an MBA from Columbia University, a law degree from Syracuse University and a bachelor's degree in mechanical engineering from Manhattan College.



DOUG SCOTT

Doug Scott was appointed by Governor Pat Quinn as chairman of the Illinois Commerce Commission (ICC) effective March 3, 2011. His term expires January 20, 2014.

Prior to his appointment Scott served as director of the Illinois Environmental Protection Agency from 2005 to 2011. During those years he chaired the Illinois Governor's Climate Change and Advisory Committee and was a member of the Midwestern Governors' Association panel charged with developing a regional cap-and-trade system. He was a member of the Air Committee for Environmental Council of States (ECOS) and the USEPA Environmental Financial Advisory Board. He served as chairman of The Climate Registry Board of Directors and co-chair of the Keystone Foundation Energy Board.

Scott was elected a state representative from the 67th district in 1995 and served in the General Assembly until 2001 when he was elected mayor of Rockford, Ill. As mayor from 2001 to 2005, he held leadership positions in the Illinois Municipal League, United States Conference of Mayors and the national League of Cities. He also served as president of the Illinois Chapter of the National Brownfield Association.

Scott holds a bachelor's degree from the University of Tulsa and a law degree from Marquette University.



MICHAEL BRUNE

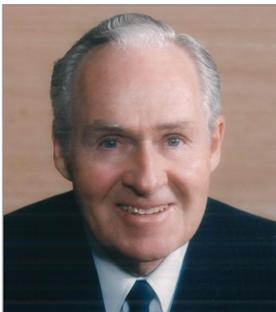
Michael Brune, Sierra Club executive director, came to the Sierra Club from the Rainforest Action Network, where he served seven years as executive director. Under Brune's leadership, Rainforest Action Network won more than a dozen key environmental commitments from America's largest corporations, including Home Depot, Citi, Goldman Sachs, Bank of America, Kinko's, Boise and Lowe's.

Brune's critically acclaimed book, *Coming Clean – Breaking America's Addiction to Oil and Coal*, published by Sierra Club Books in 2008, details a plan for a new green economy that will create well-paying jobs, promote environmental justice and bolster national security. He and his wife, Mary, attribute their ongoing passion for environmental activism in part to concern that their outdoors-loving children, Olivia, 5, and Sebastian, 1, inherit a healthy world. He is particularly interested in promoting programs that link the Club's traditional protection of wild places, including National Parks, to urgently needed climate change solutions.

Brune holds degrees in economics and finance from West Chester University.



IN MEMORIAM



ROBERT W. GALVIN (1922 – 2011), chairman and CEO of Motorola for more than 30 years, was an industry icon that propelled Motorola to a dominant position in the global marketplace. In his retirement, he worked tirelessly to transform our nation's obsolete electric power system into one that is reliable, efficient, secure and clean. A major benefactor of the Illinois Institute of Technology, he founded the Galvin Electricity Initiative in 2005.

Bob Galvin's visionary pursuit of perfect power serves as an inspiration for this Symposium and will continue to guide entrepreneurs for generations.