

Presenter Bios

Waste to Energy Workshop for the Illinois Electric Cooperatives
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Ryan Anderson is an Associate at the Delta Institute, a nonprofit organization that brings together environmental quality and community economic development to transform the Great Lakes region into a vital center of the emerging green economy. Through the Delta P2E2 Center, Ryan's primary role is to administer a national carbon aggregation program to incentivize soil and forest conservation practices. As an extension of this work, Ryan conducts research to adapt and create carbon credit protocol for urban projects, life cycle assessment, environmentally preferable products, and sustainable agriculture. Ryan also provides ongoing support to Delta's pollution prevention and energy efficiency initiatives in Great Lakes watersheds, and has contributed technical assistance to a waste oil biodiesel feasibility study, a green building certification project, a grass bioenergy procurement study, and a local food system market analysis. Ryan holds a Master of Arts degree in Ecological Economics from the University of Leeds and a Bachelor of Science degree in Finance from North Park University.

John Freitag, CAE and CCC

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John Freitag is Vice President of Operations for the Association of Illinois Electric Cooperatives, the statewide trade organization for the Illinois electric and telephone cooperatives. As VP of Operations, he is responsible for Safety, Training, Marketing, Communications, Illinois Country Living magazine, Member and Field Services and Youth Education for the Illinois electric co-ops. Freitag has a keen interest in renewable energy and energy efficiency, particularly residential weatherization and lighting and geothermal heating and cooling technology. He has been with the AIEC since 1985. A native of southern Wisconsin, he's a graduate of the University of Wisconsin and worked in newspaper publishing for 10 years prior to joining the Wisconsin electric co-op statewide organization in 1983.

He is a Certified Association Executive (CAE) and a Certified Cooperative Communicator (CCC) and has been recognized for his work in the cooperatives' International Foundation, the Illinois Electric Council and Safe Electricity.

Clifford P. Haefke

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Mr. Haefke has been with the Energy Resources Center (ERC) of the University of Illinois at Chicago (UIC) for over 9 years. Mr. Haefke's current research focuses on distributed generation (DG) and combined heat and power (CHP) for the regional US DOE Midwest Clean Energy Application Center, formerly known as the Midwest CHP Application Center (MAC). The MAC was established in 2001 for the U.S. Department of Energy (DOE) as the first of its kind regional application center with the mission to provide application assistance, technology information, and educational support relating to Integrated Systems for combined heat and power (CHP) for industrial, commercial and institutional facilities located in the Midwest. Mr. Haefke's main responsibilities within the MAC include technical and economic evaluations of potential CHP candidate sites, development of regional marketing material and information, support of the Midwest

state energy offices, and daily operations management of the MAC and its overall project management with the U.S. DOE. Mr. Haefke received a Bachelor of Science in 1999 from the University of Illinois at Chicago (UIC) and an MBA from the Liautaud School of Business (UIC) in 2006. Mr. Haefke is an active member of the U.S. Clean Heat and Power Association (USCHPA) and the Midwest Cogeneration Association (MCA).

Molly K. Hammond

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Molly Hammond is a Business Cooperative Specialist with USDA Rural Development. She works with businesses and lending institutions throughout the state on financing new and expanding business ventures. She is a technical resource for business specialists in the Rural Development field offices. Ms. Hammond coordinates the agency's renewable energy and energy efficiency efforts in Illinois and is also responsible for coordinating the Rural Economic Development Loan and Grant program with Illinois electric and telephone cooperatives. She is a graduate of the University of Illinois with a Bachelor of Science in Finance.

Wayne Hartel

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Wayne Hartel is an Energy Program Specialist for the Illinois Department of Commerce and Economic Opportunity. He manages the various renewable energy incentive programs offered by the Department, including programs under the Renewable Energy Resources Program and new offerings from the American Recovery & Reinvestment Act. Mr. Hartel other responsibilities include managing the Energy Performance Contracting Technical Assistance Program, developing and maintaining the project tracking system for the Energy Efficiency Portfolio Standard Programs, general program design and management, and energy policy research and analysis. Mr. Hartel has a Bachelors of Science degree in Finance from Millikin University and has a Masters of Science degree in Economics from Illinois State University.

Neil Kennebeck

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Neil Kennebeck is Dairyland Power Cooperative's Director of Planning Services. Neil oversees Dairyland's load forecasts, regulatory planning and integrated resource planning. A major focus of his is renewable energy generation planning. Neil joined Dairyland in January 1980 as a project engineer. Neil has also held the position of Manager of Power Engineering, and Environmental Engineer at Dairyland. Neil holds bachelor degrees in biology/chemistry and mechanical engineering from the University of Minnesota.

Henry C. Kurth

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Henry Kurth is an Associate Director of the UIC/ERC and has over 25 years of increasing responsibility within program development and management within the energy efficiency and renewable energy fields. Prior to being at UIC/ERC, Henry held the position of Director of the Energy Programs at the Illinois Department of Commerce and Community Affairs (the Illinois State Energy Office) until 2004. In that capacity, Henry was responsible for a large portfolio of energy efficiency and renewable energy projects, including a very strong and successful residential & commercial buildings program.

N. Duane Noland

President/CEO
Association of Illinois Electric Cooperatives

Duane Noland is the President and Chief Executive Officer for the Association of Illinois Electric Cooperatives based in Springfield. The AIEC represents 25 electric cooperatives, four generation and transmission cooperatives, and six telephone cooperatives.

Duane's family has been a member of Shelby Electric Cooperative since 1938 and he is the fourth president of the Association, since it was formed in 1942.

He previously represented the citizens of central Illinois serving four terms in the Illinois House of Representatives and two terms in the Senate, retiring as Assistant Majority Leader, and is a past recipient of our Illinois Electric Cooperative Public Service Award. An active civic and agricultural leader, Duane serves on the board of directors for Millikin University and Decatur Memorial Hospital.

Duane and his wife Tina are the parents of two sons and a daughter and are the seventh generation to reside on the centennial family farm in Macon and Christian counties.

Michael P. O'Neil

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Mike O'Neil is a senior environmental process engineer specializing in anaerobic systems, solids management, and biogas utilization. He has worked in the environmental engineering field for over thirteen years, ten of which he has spent with Applied Technologies. Mr. O'Neil possesses Bachelors and Masters of Science engineering degrees from the University of Illinois-Champaign and conducted research in feasibility pharmaceutical wastewater substrate for anaerobic systems while at the University. He has significant experience in the design and construction of anaerobic and aerobic wastewater treatment plant systems in both the industrial and municipal sectors. Mr. O'Neil has spoken on several occasions, including the annual "Anaerobic Treatment of High-Strength Industrial Wastes Conference" sponsored by Marquette University, the Iowa State University Technical Conference, and MBAA's National Conferences in 2007 and 2009.

Stanley (Jay) Solomon, Jr.

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Stanley (Jay) Solomon, Jr. is a University of Illinois Extension engineering technology educator based in the East Peoria Center. He received a BS and MS in Agricultural Engineering from Oklahoma State University. As a member of the natural resource management team and animal systems team, he provides engineering support to programming in many areas including: livestock facilities, manure management, energy conservation, indoor air quality/ health homes initiatives, and renewable energy.

For the past 10 years, Solomon has been a member and past chair of the American Society of Agricultural and Biological Engineers renewable power generation subcommittee.

Extraneous addition information:

- Grew up in the west Texas oilfields, with a grandfather and dad involved in the industry.
- Both grandfathers were involved in ranching.
- Raised show pigs in high school.