

February 9th Workshop Presenter Bios
Effingham, Illinois

Andrew J. Austin

Scenic View Dairy
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Andrew is currently employed at the Scenic View Dairy in Fennville, Michigan where he serves as the Biosystems Engineer. His responsibilities include negotiating co-feed agreements to produce higher financial yield, designed and installed waste heat utilization system, and all daily operation and maintenance of seven digesters and 2.4MW of electrical production. Prior to Scenic View Dairy, Andrew worked at Phase 3 Renewables where he was responsible for design, engineering, construction, management, monitoring and operational optimization of biomass plants, oversaw start-up of a 1.6 MW cogeneration system, was a team member of first compressed natural gas system in the United States in agricultural application, utilized co-feeds to produce higher financial yield to end users, identified opportunities to utilize waste energy within existing systems, was responsible for working independently and organizing the activities of multiple projects simultaneously, and provided presentations to the public, student groups, existing and potential customers.

Andrew has Bachelor of Science in Biosystems Engineering from the Michigan State University in East Lansing, Michigan specializing in Bio-Energy and Environmental Engineering. Andrew passed the Fundamentals of Engineering Exam from the National Council of Examiners for Engineering and Surveying in 2009.

Richard Breckenridge

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Mr. Breckenridge is Illinois EPA's Agricultural & Rural Affairs Advisor and has been with the agency eight years. In this capacity he works with the Illinois EPA Bureaus of Air, Land & Water, including the Department of Legal Counsel, assisting and advising on issues affecting agriculture and rural Illinois. In this position, he collaborates with statewide agricultural stakeholders, along with many of the state and federal agencies on issues affecting Illinois agriculture. His core program areas of work include livestock and crop production agriculture, along with interests in renewable energy, conservation, climate change and issues impacting rural communities.

He lives on the family farm in Christian County where for many years he sat on the local Soil & Water Conservation District and county Farm Bureau Boards.

Mr. Breckenridge received his B.S from Illinois State University.

John N. Dalton, PE

Vice President
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John Dalton is currently Vice President of Engineering, Operations and Planning for Prairie Power, Inc., an electric generation and transmission cooperative located in Jacksonville, IL. John has over 30 years of experience in electrical engineering with electric cooperatives, municipal utilities, investor owned electric utilities and a family owned engineering consulting company. Prior to joining PPI in May 2006, John has served as an Associate Engineer, Electric System Engineer, Principal Engineer for Power Delivery, Principle Engineer for Power Delivery and Rates and Principal Engineer for Rates and Forecasting with such firms as Potomac Electric Power Company (PECO), Allegheny Electric Cooperative and Continental Cooperative Services. He has served as an Engineer and President of Dalton Associates, a family owned engineering company providing engineering consulting services to rural electric cooperatives and municipal utilities throughout the United States. In these various positions John has been responsible for:

- large power customer system planning;
- project cost estimation;
- substation design;
- power system planning and design;
- company management and financing;

- forecasting power requirements and delivery;
- establishing rates and wholesale billing, and;
- supervision & management of electric engineering and operations personnel.

John has a Masters of Business Administration from the PA State University, a BS in Electrical Engineering from VA Polytechnic Institute and State University, and has attended the RUS Borrower Accounting/USDA Graduate School. He holds various professional registrations, association memberships and service positions, including: Alternate Director of the SERC Reliability Corporation, Member of the SERC Engineering Committee and Critical Infrastructure Protection Committee, Member of the Institute of Electrical and Electronics Engineers (IEEE) and Member of the National Society of Professional Engineers. John is a Registered Professional Engineer in 8 States.

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.

Thomas Gratz

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 Regional Sales Manager
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Thomas Gratz is a Regional Sales Manager for EISENMANN's Environmental Technology group, a global supplier of clean air and energy systems with US operations based in Crystal Lake, IL. With his international background and more than 20 years of experience in sales & marketing as well as application engineering, he is involved in the introduction of EISENMANN's global anaerobic digestion technologies to the emerging Organic Waste to Energy market in the US.

He holds a Bachelor of Science in Mechanical Engineering from Federal Technical College in Moedling, Austria.

Clifford P. Haefke

Senior Research Engineer
 U.S. DOE Midwest Clean Energy Application Center
 Energy Resources Center / University of Illinois at Chicago
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Mr. Haefke has been with the Energy Resources Center (ERC) of the University of Illinois at Chicago (UIC) for over 10 years. Mr. Haefke's current research focuses on distributed generation (DG) and combined heat and power (CHP) for the regional U.S. 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 in Washington D.C.

Mr. Haefke serves as the Vice President for the Midwest Cogeneration Association and is a member of the International District Energy Association.

Mark Moser

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Mr. Moser is the founder and President of the Company. He was trained as an agricultural engineer with special emphasis on livestock manure management. Over the past 26 years Mr. Moser has focused on methane production and recovery and nutrient management. He is responsible for development, design and completion of projects including: 55+ anaerobic digesters for methane and on-farm electricity and heat production; 30+ farm waste storage and nutrient management plans; consulting services to public and private clients for waste management and/or methane digesters in Armenia, Belize, Chile, Colombia, Costa Rica, Ecuador, Ireland, Japan, Korea, Mexico, the Philippines, Romania, the United States and Taiwan. He has performed consulting tasks for the USEPA, the AgSTAR program, and USDOE on pollution potential from farm waste, farm waste management and potential recovery of energy and fertilizer from farm waste. Other work has included environmental regulatory compliance consulting for farms and industries and expert witness services.

Mary Warren

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Mary Warren is a Business Program Specialist and the Rural Energy Coordinator for USDA Rural Development in Illinois. She oversees the Rural Energy for America Program and the Rural Economic Development Loan and Grant Program for the state. Ms. Warren has been with Rural Development for six years and has been in her current capacity for just under a year. She is a graduate of Eastern Illinois University with a Bachelor of Science degree in Finance.