



# WIndiana 2011

Indianapolis • July 20-21



Indiana Renewable  
Energy Conference



## Welcome to Windiana 2011 and the Indiana Renewable Energy Conference!

We are very pleased that you have been able to take some time to join our discussion concerning renewable energy in Indiana. Across our state the increase in solar, wind, biomass and alternative fuel initiatives gives testimony to the concept that Indiana is moving forward. The expansion of this conference, and your presence here shows that Hoosiers want to know more about this industry.

WIndiana was launched in 2008 by the Indiana Office of Energy Development and the Indiana Wind Working Group. The wind industry in Indiana was just getting up to speed at the time; there was one wind farm and very little wind industry manufacturing in the state. OED and the IWWG joined with Purdue University's Energy Center at Discovery Park to produce the first WIndiana. Our attendance goal for that first year was 150 people. After all was said and done, there were 300 attendees and 15 exhibitors that first year.

In 2008, the conference was supposed to be a one-time event. But with such great initial success, plans were quickly made to make it an annual conference. WIndiana continued to grow in 2009 and 2010 both in attendance and in the size of the exhibition floor. We expanded into the space you see today with over 50 exhibitors and attendance hovering around 600.

As we entered our fourth year, we wanted to begin exploring the larger world of renewable energy in Indiana. With feed-in tariffs, and a number of new manufacturing initiatives it was decided that we could no longer just focus on wind power. For that reason, WIndiana 2011 includes the Indiana Renewable Energy Conference (IREC), with a focus on a variety of renewable energy technologies, including wind, solar, bioenergy and alternative fuel vehicles.

WIndiana and IREC are not just about talk, either. This year we have included hands-on, how-to workshops on Solar PV, Solar Thermal, small wind, geothermal and a variety of other cutting edge renewable technologies. This year WIndiana is more accessible to all Hoosiers who are interested in including renewable and alternative energy technologies in their lives, at home and in business.

Once again, thank you for being a part of WIndiana 2011 and the Indiana Renewable Energy Conference.

# Indiana 2011 Indiana Renewable Energy Conference

Indiana Convention Center — Indianapolis, IN

Day One: Wednesday, July 20

8:00-9:00 a.m. Registration/breakfast/exhibition floor opens (Sponsored by American Wind Energy Association, Wind Capital Group, E.On, Indianapolis Power & Light and Invenergy)

## Room 123

9:00-10:30 a.m. *Welcome/State of the Industry*

Host: **Eric Burch**, Communications Director, Office of Energy Development

Keynote presentation: **Indiana Lt. Governor Becky Skillman**;

National perspective: **Seth Snyder**, Section Leader and Biochemical Engineer, Argonne National Laboratory

Manufacturer's perspective: **Ryan Stout**, Owner, CEO, Nusun Solar

Academic perspective/Purdue project update: **Victor L. Lechtenberg**, Vice Provost for Engagement, Purdue University

10:30-11:00 a.m. *Networking break/exhibition floor open*

11:00 a.m.-

12:30 p.m.

*Common Ground*  
There are common issues facing all aspects of renewable energy in Indiana. They include policy, legislation, economics, infrastructure and environment. This session brings experts together to discuss those things that are common to wind energy, solar energy and biomass energy.

Moderator: **Ron Keen**, Senior Analyst, Resource Planning & Communications Division, Indiana Office of Utility Consumer Counselor

Panel: **David Stippler**, Utility Consumer Counselor, Indiana Consumer Counselor

**Indiana Representative Eric Koch**

**Marc Lewis**, Vice President for External Relations, Indiana Michigan Power

**Joseph Sutherland**, Executive Director for Governmental Affairs, Indiana Utilities Regulatory Commission

12:30-1:45 p.m. *Lunch* — J. W. Marriott (Sponsored by enXco)

Keynote speakers: **Kate O'Hair**, Director, Midwest Region, enXco

**Ed Begley, Jr.**; Actor, *Living with Ed*

**Denise Bode**, President & CEO, American Wind Energy Association

**Robert Prantil**, Regional Executive, GE Energy

1:45-2:00 p.m. *Transitioning break*

2:00-3:30 p.m.

## ALTERNATIVE FUELS

Room 125

*Alternative Fuel and Electric Vehicles (EV) — discussion with industry experts on current and future trends in the alternative fuel vehicle market.*

**Moderator: Kellie Walsh**, Greater Indiana Clean Cities Coalition

**Vani Dantam**, Ener1  
**Mark Stoermann**, Fair Oaks Dairy  
**Rick Tempchin**, Edison Electric  
**ESN Representative**

## WIND

Room 126

*Get Me to the Grid — panel discussion regarding issues surrounding transmission and siting for wind development in Indiana.*

**Moderator: Eric Laverty**, MISO

**Kate O'Hair**, enXco  
**Stu Bayer**, NIPSCO  
**Connie Neinger**, White County Economic Development Organization

## SOLAR

Room 127

*Solar Supply Chain — discussion of initiatives underway now and in the future to strengthen the solar industry supply chain in Indiana.*

**Moderator: Eric Levenhagen**, Indiana Economic Development Corporation

**TJ Kanczuzewski**, Inovateus  
**Michael Lindley**, Flanders Electric  
**David Lowe**, Nuvison Renewables

## BIOMASS

Room 128

*Biomass Basics — panel discussion providing information and case histories regarding the implementation of biomass technologies in utility/large scale operations.*

**Moderator: Chad Martin**, Purdue University

**Klein Ileleji**, Purdue University  
**Peter Grills**, Bingham McHale  
**Jiqin Ni**, Purdue University

3:30-4:00 p.m. *Networking break*

Note cards are available at the door. Feel free to use these to write down questions you would like to have the speakers answer.

Exhibits will be open 8 a.m.-9 p.m. July 20 and 8 a.m.-3 p.m. July 21.

4:00–5:30 p.m. *Concurrent sessions*

**ALTERNATIVE FUELS: 2**  
Room 125

*Electric Vehicles — Discussion continues regarding EV use in Indiana, including the status of charging infrastructure in the state.*

**Moderator: Kellie Walsh**, Greater Indiana Clean Cities Coalition

**Bob Spatz**, Plug-in Vehicle Solutions

**WIND: 2**  
Room 126

*Saving the Supply Chain — Indiana has made a great effort to bring the wind industry supply chain to the state. Is that effort in jeopardy?*

**Presenter: Frank Hoffman**, Krieg Devault

**SOLAR: 2**  
Room 127

*Project Funding — Panelists discuss the status of funding for large scale projects in In Indiana*

**Moderator: Eric Cotton**, ECI Wind and Solar

**Sarah Beth Aubrey**, Prosperity Ag and Energy Resources  
**Kurt Schneider**, Energy Solutions by JMS

**BIOMASS: 2**  
Room 128

*Show Me the Funding — Discussion of initiatives and ideas regarding funding of large-scale biomass projects.*

**Moderator: Brandon Seitz**, Office of Energy Development

**Peter Hatton**, Indiana Energy Association  
**Ken Perkins**, First Farmers Bank and Trust  
**Eric Rund**, Rund Farms and International AGtivities

5:30–7:00 p.m. *Networking Reception (Sponsored by IceMiller LLP)*

— Notes —

Biomass track sponsored by:



Wind track sponsored by:



Networking reception sponsored by:



Lunches sponsored by:



Registration sponsored by:



Breakfasts sponsored by:



# WIndiana 2011

## Indiana Renewable Energy Conference

Indiana Convention Center — Indianapolis, IN

Day Two: Thursday, July 21

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8:00-9:00 Registration/breakfast/exhibition floor opens (*Sponsored by E.On, Indianapolis Power & Light and Invenergy*)

8:30-12:30

**WIND: 3**  
**Room 126**

*Make it Here — Indiana Supply Chain Workshop*

*Presented by Purdue TAP. Any manufacturer, supplier, vendor interested in servicing the wind industry should attend. This is a four-hour no holds barred workshop where participants walk away with hard facts and information they can use to get their companies involved in this growth industry.*

Purdue, GLWN

**Patrick Fullenkamp**, GLWN

**Dale Reckman**, GLWN

**Linda Nelson**, Clean Energy Manufacturing Center

9:00-10:30

**SOLAR: 3**  
**Room 127**

*Bring Us Jobs — discussion of initiatives and tactics for expanding the solar workforce in Indiana.*

**Moderator: Kyle Cline**,  
Lugar Center for Renewable Energy

**David Goodman**, IUPUI

**Andy Grocox**, ERMCO

**Chris Striebeck**, Integrated Development Services

**BIOMASS: 3**  
**Room 128**

*Get Me to the Grid — discussion about what biomass developers are doing in the realm of siting and transmission.*

**Moderator: Brandon Seitz**,  
Office of Energy Development

**Mike Zdyb**, NIPSCO

10:30-11:00 Networking break

11:00-12:30

**SOLAR: 4**  
**Room 127**

*Making a Case for the Future of Solar — Will innovations in solar technology make it a better fit in Indiana? This session takes on that question, looking at newer solar technologies and some of the challenges facing the small companies that are bringing about change in the solar industry.*

**Moderator: Travis Murphy**,  
Energy Solutions by JMS

**Pankaj Sharma**, Purdue University

**Dan Schmidt**, Energy Solutions  
by JMS

**BIOMASS: 4**  
**Room 128**

*Development and case studies of the biomass supply chain in Indiana.*

**Moderator: Dr. John Timler**,  
SAIC

**Brent Gloy**, Purdue University  
**Lori Hamburg Edwards**, SCS  
Engineers

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— Notes —

Note cards are available at the door. Feel free to use these to write down questions you would like to have the speakers answer.

Exhibits will be open 8 a.m.-9 p.m. July 20 and 8 a.m.-3 p.m. July 21.

9:00-Noon

**Indiana's New Energy Law**  
Room 123-124

*This spring, Indiana's General Assembly passed new Clean Energy (SEA 251). Governor Daniels signed it into law. Now the next phase begins: interpretation.*

*The new law is broad as well as complex. This "nuts and bolts" session is designed to answer questions about the law's implementation.*

**Moderator: James Atterholt**, Chairman, Indiana Utility Regulator Commission

**Indiana Representative Eric Koch**  
**David McGimpsey**, Bingham McHale  
**Peter Hatton**, Indiana Energy Association  
**Beth Roads**, Indiana Utility Regulatory Commission (IURC)

**IREC Extra - Teach the Teacher**  
Room 125

*Bringing renewable energy education to the next generation — this session is a continuing education session for K-12 teachers and school administrators on renewable energy.*

**Moderator: KidWind**

12:30 p.m. Box lunches available in Conference Area (*Sponsored by enXco*)

12:45 p.m. Approximate departure time for each tour. *Space is extremely limited on wind and biomass tour buses; please check with WIndiana Registration personnel in the morning to ensure you have a seat. Those driving to the Wind and Solar tours may pick up directions at the registration desk.*

**WIND TOUR**

*Guided bus tour of the Horizon Wind Meadow Lake wind farm in White County, Indiana including the company's new operation center.*

*Take the bus from the Convention Center or drive your vehicle to White County and board the tour bus there. The bus will return to Indianapolis at approximately 5:30 p.m.*

**SOLAR TOUR**

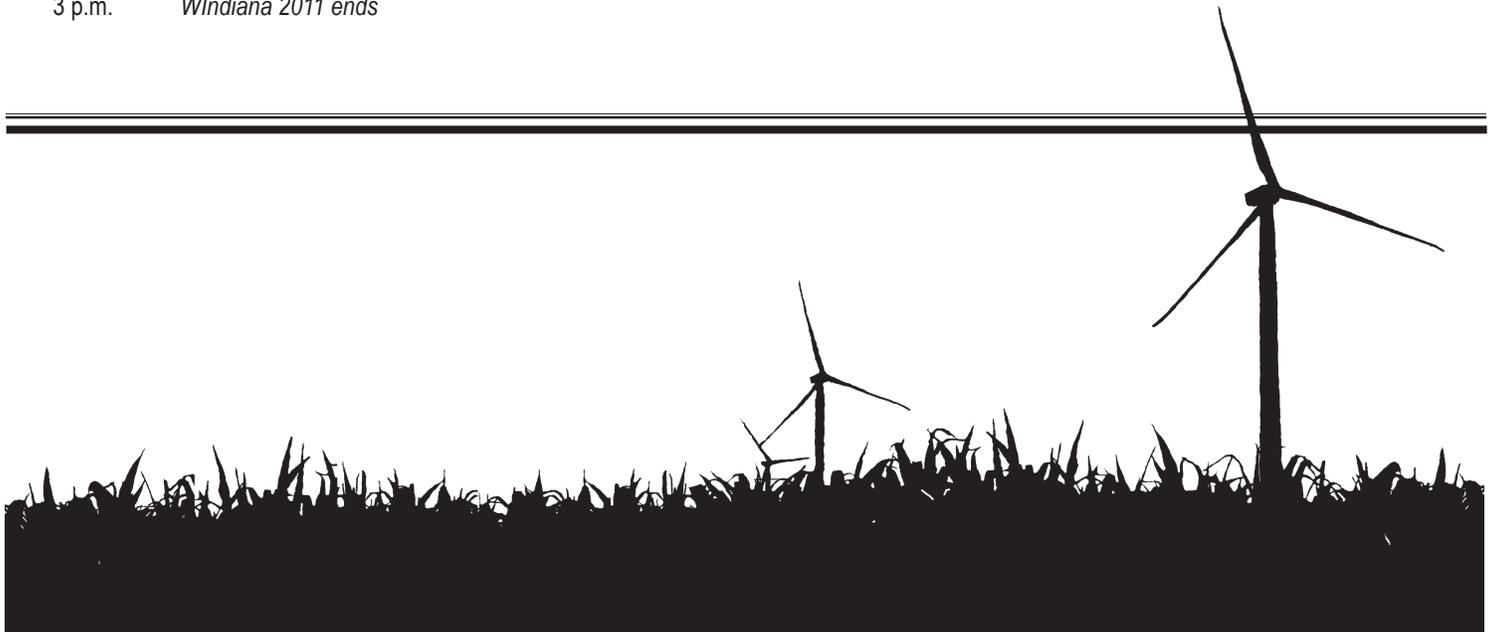
*Guided tour of a brand new 100kW solar array at the Johnson Melloh Company on Indianapolis west side. This tour will end at approximately 3:45.*

**BIOMASS TOUR**

*Guided tour of the Indianapolis South Side Landfill and its Landfill Methane Recovery. This tour will return to the Convention Center at approximately 3:45 p.m.*

*Due to space restrictions at the facility, participants MUST ride the bus from the Convention center.*

3 p.m. *WIndiana 2011 ends*



# Indiana 2011 Speaker Biographies

## **James D. Atterholt**

**Chairman  
Indiana Utility Regulatory  
Commission**

Chairman Jim Atterholt was appointed by Governor Mitch Daniels on June 22, 2009 to the Indiana Utility Regulatory Commission. Prior to joining the commission, he was the state insurance commissioner for more than four years where he also served as a member of the Governor's cabinet. Atterholt worked as director of government affairs for AT&T from 2003 – 2004. He was elected and served two terms as a member of the Indiana General Assembly from 1998 – 2002. Atterholt has also worked as chief of staff in Washington D.C. and later as district director in Indiana for a member of the United States Congress where his responsibilities included energy issues. A native of Fort Wayne, Indiana, Atterholt received his bachelor's degree from the University of Wisconsin in 1986.

## **Sarah Beth Aubrey**

**Principal, Prosperity Ag  
and Energy Resources**

Sarah Beth Aubrey is the owner of Prosperity Ag & Energy Resources. She focuses on securing funds for clients through the use of government programs such as grants, loan guarantees, direct loans and tax credits. Aubrey aids clients in networking with state and federal agencies and trade groups to foster all areas of project development. Since 2007 she has written over 400 successful grants dispersed among clients in 29 states; funding for these awards has yielded nearly \$50 million. Aubrey graduated from the University of Illinois. A full time entrepreneur since 2004, she created and sold a direct marketing business and is the author of two non-fiction books with over 50,000 copies sold worldwide.

## **Stu Bayer**

**Northern Indiana Public  
Service Company (NIPSCO)**

Stewart Bayer is the RTO Policy Manager at NIPSCO. His responsibilities address a wide range of electric transmission issues such as federal transmission policy, tariff revisions, business practices, transmission planning, regional cost allocation, and generator interconnections. Bayer represents NIPSCO on the MISO Transmission Owners Committee as well as a number of MISO technical committees and working groups. Bayer has been with NIPSCO for over 34 years and his career has encompassed field engineering, generation plant operations, generation and transmission planning and electric system operations. He has represented NIPSCO on various regional and national reliability committees. He has a BSEE from Rose Hulman Institute of Technology and a MBA from Purdue University. He is a registered Professional Engineer in the State of Indiana and a NERC certified electric system operator.

## **Ed Begley, Jr.**

**Actor and Activist**

Ed Begley Jr. was inspired by his Academy Award-winning father to become an actor. His big break came along when he was cast as Dr. Victor Ehrlich on the long-running, hit television series, "St. Elsewhere," for which he received six Emmy nominations and a Golden Globe nomination. Begley's feature film credits include "Pineapple Express," "A Mighty Wind," "Best In Show," "For Your Consideration," "Batman Forever," "The Accidental Tourist," "The In-Laws" and many others. On television, Begley had recurring roles on "The New Adventures of Old Christine" and "CSI: Miami" for the Network. Additional television credits include "Six Feet Under," "Veronica Mars," "7th Heaven," "Arrested Development" and "Boston Legal." He has also starred on stage in the West Coast premiere of David Mamet's "Cryptogram" at the Geffen Playhouse. In addition to acting, Begley has also spent some time behind the camera, directing several episodes of "NYPD Blue."

In 2007, the television reality show "Living With Ed" debuted and followed the activities of Begley Jr. as he worked towards making his home more energy efficient. Begley Jr. received the Thomas Alva Edison award that same year for ecological advocacy, and he is affiliated with several environmental organizations, including The American Oceans Campaign, Friends of the Earth, and the League of Conservation voters. Well known for his environmental affairs, he produces and sells an all-natural household cleaning product called "Begley's Best." His home in Hollywood is solar powered and his bicycle is his primary mode of transportation.

## **Denise Bode**

**Chief Executive Officer  
American Wind Energy Association**

Denise Bode is the chief executive officer of the American Wind Energy Association, the national trade association of the U.S. wind energy industry. Bode is a nationally recognized energy policy expert and served for nine years on the Oklahoma Corporation Commission. Her experience in the energy field is extensive and includes one and a half years as the CEO of the American Clean Skies Foundation, seven years as president of the Independent Petroleum Association of America and nine years on the staff of then-U.S. Senator David Boren as his legal counsel, focusing on the areas of energy and taxation.

Eric Burch joined the Indiana Office of Energy Development (OED) in 2006 as the Office's first Communications Director. He has been involved in all aspects of the communications, outreach, marketing and branding of the Office, and has been involved in WIndiana since the first meeting in January, 2008. In 2009, Burch was named Director for Policy and Outreach for OED. Prior to his position at OED, Burch spent 25 years as a broadcast journalist at the local, regional and national level.

**Eric Burch**  
**Communications Director**  
**Indiana Office of Energy**  
**Development**

As general manager for the Richard G. Lugar Center for Renewable Energy at IUPUI, Kyle Cline works to build strategic research and educational partnerships with industry and government stakeholders, and coordinates the public outreach and educational activities of the Center, such as the annual Lugar Center Renewable Energy Forums. Working closely with IUPUI faculty members and external partners, Cline also serves the mission of the Lugar Center by overseeing and assisting in the development of energy related research grant proposals, and serves as project manager for lithium-ion battery, fuel cell, and electric vehicle research and education projects, including the Indiana Advanced Electric Vehicle Technical Education Consortium (IAEVtec). A founding member of the Lugar Center Policy, Economics, and Law Working Group, and staff mentor to the IUPUI Energy Club, Cline holds a master's degree in public affairs and a BA in political science, both from Indiana University.

**Kyle P. Cline**  
**General Manager**  
**Richard G. Lugar Center**  
**for Renewable Energy**  
**Indiana University Purdue**  
**University-Indianapolis**

Eric Cotton is an energy consultant and business owner specializing in renewable energy. Through his business ECI Wind and Solar, Cotton designs and consults on technical aspects of renewable energy design, financial modeling and performance modeling. Most recently he served as the PV technical consultant for Indianapolis Airport Authorities' 10MW proposed solar farm. He has been a principle at ECI Wind and Solar since 2005 and is currently a PhD candidate at Purdue University. Cotton holds an MS in chemistry and a BS (cum laude) in chemistry from Ball State University.

**Eric Cotton**  
**Owner**  
**ECI Wind and Solar**

Vani Dantam is vice president of business development and sales at energy storage technology company Ener1, Inc. He has nearly 30 years of business development, sales and marketing, program management, and product and systems engineering experience. Prior to joining Ener1, he was the global director of business development and sales of hybrid and EV motors at Remy Intl. Before that role, he managed Remy's sales to heavy-duty customers, such as Daimler & Paccar, as well as international customers in Central and South America and throughout Asia. Earlier in his career, he was a product engineer designing starter motors, alternators and batteries.

**Vani Dantam**  
**Vice President of Business**  
**Development**  
**Ener1, Inc.**

Lori Hamburg Edwards is a senior project professional with SCS Engineers. She has over 12 years of experience in environmental consulting; specializing in the beneficial use of landfill gas, air emissions, and soil and groundwater contamination and remediation. Hamburg has provided technical and outreach support for the US EPA Landfill Methane Outreach Program and Global Methane Initiative for the past three years. She received a B.S. in environmental sciences from the University of Illinois and lives in the Chicago area.

**Lori Hamburg Edwards**  
**Senior Project Professional**  
**SCS Engineers**

Patrick Fullenkamp has more than 30 years of experience in operations, engineering, product development, project management, quality management and global supply chain management at Delphi AHG. Fullenkamp holds a B.S. in mechanical engineering from the General Motors Institute and Master of Science in Manufacturing Management from Kettering University.

**Patrick Fullenkamp**  
**Director, Technical Services,**  
**Great Lakes Wind Network (GLWN)**

As Director of Technical Services, Fullenkamp provides technical support to manufacturing and wind-energy related firms in the GLWN. He works with wind turbine OEM's and first tier manufacturers, including those already here as well as others coming to North America, to identify opportunities for GLWN member manufacturers and service providers.

## **Brent Gloy**

**Associate Professor of  
Agricultural Economics  
Purdue University**

Brent Gloy is an associate professor in the Department of Agricultural Economics at Purdue University. He teaches and conducts research and extension programs in the areas of agricultural finance and agribusiness management. The majority of his research has focused on issues related to the supply and demand for credit. Gloy currently serves as the director of the Center for Commercial Agriculture and as the associate director of research for the Center for Food and Agricultural Business. He also teaches an undergraduate course in agricultural and food business strategy. Prior to arriving at Purdue, Gloy was an associate professor in the Department of Applied Economics and Management at Cornell University. He received his master's degree and doctorate in agricultural economics from Purdue University.

## **David Goodman**

**Assistant Professor of Electrical  
and Mechanical Engineering  
Technology, Indiana University  
Purdue University Indianapolis**

David Goodman is an assistant professor and teaches courses in both electrical and mechanical engineering technology at IUPUI. His areas of expertise include electrical power systems, relay protection, computer control systems, solar thermal systems, and informal energy education. He has eight years of electrical and energy engineering experience at General Electric and Owens-Illinois. He has also worked for PSI Energy and Purdue TAP conducting energy audits and doing renewable energy feasibility studies. He is a chapter advisor for Engineers Without Borders and he is a member of: ASES, AEE, ASHRAE, and ASEE. He is a life member of the American Solar Energy Society and is a founding member of the Midwest Solar Training Network.

## **Peter Grills**

**Energy Consultant  
Bingham McHale**

Peter Grills has provided legal counsel and consulting services for more than thirty years to clients across the U.S. regarding energy, environmental and public utility law matters. He has assisted government, institutional and industrial clients in navigating the complexities of restructured electric and natural gas markets. His clients have included state, regional, county and municipal governments; large manufacturing concerns; institutional clients, including some of the country's largest university systems; and environmental interests.

## **Andre Grocox**

**Business Development Manager  
ERMCO**

Andre Grocox has been at ERMCO for 12 years and in the electric industry for 14. A Ball State University Graduate (BFA '98), Grocox completed both the IBEW/NECA sponsored Journeyman Installer Technician (Telecommunications) and Journeyman Wireman (Electrician) apprenticeships at The Electrical Training Institute (IEJATC), where he now serves as Low Voltage/Telecommunications Instructor. Besides being a BICSI Technician and LEED GA, he has also completed multiple training courses including the NJATC Solar/ Photovoltaic "Train the Trainer", OSHA 10 Hour & 30 Hour, Leviton Integrated Networking/SMART Home Certification and is currently enrolled in the third year of the four-year NJATC National Training Institute at University of Michigan in Ann Arbor, MI. Grocox's industry affiliations and certifications include: IBEW Local #481, IEJATC Instructor, BICSI Member, Indiana Energy Code Steering Committee Member, Electric League of Indiana Board Member, ICA Leadership Development Committee Member, former INREA Board Member and USGBC Member.

## **Peter Hatton**

**Outside Counsel  
Indiana Energy Association**

Peter Hatton focuses his practice on regulatory and litigation matters involving public utilities. He advises and counsels clients on energy policy, regulatory policy, and electric and natural gas contracts on behalf of industrial customers. Hatton represents clients before the Indiana Utility Regulatory Commission (IURC) in electric and natural gas rate proceedings, certificate of need proceedings, special rate investigations, financing proceedings, acquisition and merger proceedings, declination proceedings, and rule makings. Hatton currently serves as General Counsel of the Indiana Energy Association, a trade organization of investor-owned natural gas and electric industrial utilities. He also represents wind farms utilities, biomass energy utilities, gas methane producers and industrial consumers. Before joining Baker & Daniels, Hatton practiced energy law in northwest Indiana.

## **Frank Hoffman**

**Partner  
Krieg DeVault LLP**

A graduate of DePauw University and the Indiana University School of Law, Frank Hoffman concentrates his practice in real estate, health care and emerging businesses. As a former officer and in-house counsel for a NASD-SEC broker/dealer for five years and a tax consultant with an international 'Big Six' accounting firm for four years, Hoffman has extensive experience in security regulatory matters, corporate finance and general tax planning. His transaction experience includes multiple real estate and business acquisitions, numerous private placement offerings including an expertise in the syndication of low-income housing tax credit projects, residential land developments, and nursing homes, and the formation of various integrated health care provider organizations. Hoffman also provides general business counsel to residential builders, various health care related businesses and other emerging businesses.

Klein E. Ileleji is an associate professor and extension engineer in agricultural and biological engineering and also holds a courtesy appointment as an Associate professor of mechanical engineering at Purdue University. He holds a Ph.D. in agricultural engineering from the Slovak Agricultural University in Nitra, Slovakia. Prior to joining the faculty at Purdue in August 2004, he was a post-doc at Purdue and the University of Minnesota in 2001-2004 and 1999-2001, respectively. Ileleji's research focus and interest at Purdue University are in the areas of biomass feedstock systems engineering, powder technology and post-harvest engineering/stored-products protection of grain and oilseeds. He teaches Biomass Feedstock Systems Engineering (ABE591K) and Electric Power and Controls (ASM420) at Purdue and led in the development of distance education course for GEAPS on fundamentals of fuel ethanol production (GEAPS590). Ileleji also leads the renewable energy extension effort at Purdue. He is a 17 year member of the American Society of Agricultural and Biological Engineers (ASABE) and a 6 year member of the Grain Elevators and Processing Society (GEAPS). He has been engaged in collaborative research with Zhejiang University State Key Lab for Clean Energy Utilization since 2007

**Klein Ileleji**  
**Associate Professor**  
**Agricultural & Biological Engineering**  
**Extension Engineer**  
**Purdue University**

T.J. Kanczuzewski is currently the President of Inovateus Solar LLC, a national solar energy distributor, developer and system integrator based in South Bend, Indiana. T.J. has been working with Inovateus Solar LLC since 2007 and oversees the company operations and sales. In 2010, the company successfully implemented many large scale solar energy rooftop and ground mount installations across the U.S. including New Jersey, Pennsylvania, Connecticut, Ohio, Michigan and Tennessee and was named one of the Indiana Companies to Watch. Prior to his career at Inovateus Solar LLC, T.J. worked for General Growth Properties of Chicago, Illinois where he focused on strategic partnerships and helped the company to form its first sustainability committee. T.J. graduated from Columbia College in 2004 with a B.A. in business management.

**TJ Kanczuzewski**  
**President, Inovateus**

Ronald Keen has worked at the Indiana Office of Utility Consumer Counselor since 2001. Prior to joining the agency, Ron retired after a distinguished and highly decorated 20-year career as an officer in the United States Air Force. After retiring, Ron briefly worked as a project manager developing space-based communications management systems and teaching communications concepts to U.S. Government agencies before accepting a position at the OUCC. He is an acknowledged subject matter expert in a number of areas, including telecommunications, emergency/contingency operations, and space systems operations and has an extensive background in cutting-edge technologies, including energy production. Keen holds a Masters degree in Aeronautical Science from Embry Riddle University as well as a Bachelor degree from Texas State University at San Marcos.

**Ron Keen**  
**Senior Analyst, Resource Planning**  
**& Communications Division**  
**Indiana Office of Utility**  
**Consumer Counselor**

Eric Koch (R-Bedford) has represented the 65th District in the Indiana House of Representatives since 2002. He earned his B.S. from Georgetown University and his J.D. from Indiana University. In the House, he serves as chairman of the Elections & Apportionment Committee and also serves on the Select Committee on Government Reduction, the Utilities & Energy Committee, and on the Statutory Committee on Ethics. He also serves in House leadership as Assistant Republican Caucus Chairman. He is a member of the Midwestern Legislative Conference Energy Committee of The Council of State Governments where he works with leaders from eleven states and 4 Canadian provinces on issues such as energy transmission, the safety and security of nuclear power, and Canada-U.S. energy trade. He is also a member of the National Conference of State Legislatures Nuclear Legislative Workgroup. The Workgroup is made up of state legislators from select states that play a role in the cleaning up of the nation's nuclear sites, host nuclear facilities, or are affected by the transportation of nuclear materials. The Workgroup provides the opportunity to meet regularly with federal Department of Energy officials, discuss safe practices and policy options, and share information with legislative colleagues from other states.

**Eric Koch**  
**State Representative**  
**State of Indiana**

## **Eric Laverty**

**Director of  
Transmission Access Planning,  
Transmission Asset Management  
Midwest ISO (MISO)**

Eric Laverty, director of transmission access planning, is responsible for the transmission service and generator interconnection queues. Holding bachelors and masters degrees in electrical engineering from Michigan Technological University, Laverty has spent his whole career on power systems work, and is a licensed engineer in Michigan and Indiana. Laverty first joined the Midwest ISO as a senior engineer in the transmission expansion planning department in November, 2001. After devoting his efforts full-time on the generator interconnection processes in 2002, he was promoted to the technical lead. Laverty later became the manager of the transmission service planning group, responsible for the transmission service request queue. At the end of 2006, the Interconnection and Transmission Service groups merged to create the Transmission Access Planning group. Laverty came to the Midwest ISO from Detroit Edison, where he served as an engineer for nearly four and half years prior to joining the Midwest ISO, the majority of this time spent in Detroit Edison's transmission planning department.

## **Victor Lechtenberg**

**Vice Provost for Engagement  
Purdue University**

Victor (Vic) L. Lechtenberg is vice provost for engagement at Purdue University. He served as interim provost at Purdue from 2007 to 2008 and interim vice president for Governmental Relations from 2008 to 2009. Lechtenberg joined the Purdue faculty as a professor of agronomy in 1971 where he taught crop science and conducted research on forage and biomass crops until 1982. He served as associate director of Agricultural Research Programs, executive associate dean of agriculture from 1983 to 1993 and dean of agriculture from 1993 to 2004. Since 2004, as vice provost for engagement, he has been leading Purdue's engagement and outreach efforts to governmental agencies, corporate leaders, schools and community leaders across Indiana and beyond.

## **Eric Levenhagen**

**Senior Project Manager  
Indiana Economic  
Development Corporation**

Eric Levenhagen is a senior project manager for the Indiana Economic Development Corporation (IEDC), the state of Indiana's lead economic development agency. For the past five years, Levenhagen has helped businesses relocate and expand in a 30-county central Indiana region, which extends from Terre Haute to Richmond and includes Indianapolis, Muncie, Anderson, Lafayette, Bloomington, and fast-growing Hamilton and Hendricks counties. Prior to joining IEDC in 2006, Levenhagen served as a business liaison for the Indiana Department of Environmental Management (IDEM) where he concentrated on assisting with IEDC economic development that involved securing environmental permits. As a representative of IDEM, Levenhagen also helped develop the IEDC Shovel Ready Program, in which local development sites are pre-selected, inspected and certified as "ready for development" prior to business inquiries. The program provides local communities with the ability to respond quickly to business relocation or expansion opportunities. Levenhagen is a native of Zionsville, Indiana and a graduate of the Indiana University Kelley School of Business with a B.S. in marketing.

## **Marc Lewis**

**Vice President of External Relations  
Indiana Michigan Power**

Marc E. Lewis, Indiana Michigan Power (I&M) Vice President of External Relations, has responsibility for state government relations, environmental relations, and renewable resources in both Indiana and Michigan. Previously, he was AEP's assistant general counsel for Legal - Regulatory Services, based in Fort Wayne. Currently, Lewis serves as a member of the Boards of Directors for the Indiana Energy Association, the Indiana Manufacturers Association, the Indiana Legal Foundation, the Indiana-Kentucky Electric Corporation, and the Indiana Fiscal Policy Institute. He has also twice chaired the Utility Law Section of the Indiana State Bar Association. Lewis earned a law degree from Ohio State University in 1981. Previously he had earned his economics degree from the University of Kentucky in 1977 and did graduate studies in economics at Ohio State University in 1980. Before joining AEP in 1986, Lewis was a staff attorney with the West Virginia Public Service Commission.

## **Michael Lindley**

**Engineering Specialist  
Flanders Electric**

In March 2010, Michael Lindley joined Flanders Electric in the Evansville headquarters to specialize in electric motor design, build and repair along with custom motor control and automation solutions for industrial customers. Lindley also focuses on power conversion solutions for renewable energy technologies such as wind, solar, and hydro. Before joining Flanders Electric, he was a Sales Engineer for General Electric for 13 years with expertise in power distribution, motor control, and channel marketing. Graduating from Ball State in 1985, Lindley received a B.S. in Marketing.

## **David Lowe**

**Owner  
NuVision Renewables**

David Lowe is the proprietor of Fort Recovery Construction & Equipment, LLC and NuVision Renewables in Portland, Indiana with responsibility for the research and development of new product lines and actively overseeing worldwide operations. In his current role, Lowe leads a team of 30 staff in the creation and marketing of the company's solar thermal collector. In January of 2010 Lowe was honored with the Indiana Green Business Award for Cultural Heritage. He has been actively engaged in farming for over 30 years and currently serves on the boards for the Indiana Pork and Indiana Soybean Alliance.

Chad Martin began working in renewable energy at the Illinois Institute for Rural Affairs (IIRA) at Western Illinois University, where he supported IIRA's Illinois Wind project and worked with the Agriculture Community Action Program on biofuels production operations. In his current position with Purdue University, Martin works with producers, small businesses, Purdue faculty and extension educators, and state and federal government agencies to deliver programs on wind energy development, agricultural energy efficiency, and biomass energy resources. Martin has a BS in agriculture from Western Illinois University and an MS in agricultural and extension education from Purdue University.

**Chad Martin**  
Renewable Energy Extension  
Specialist in Agricultural and  
Biological Engineering  
Purdue University

David McGimpsey is a Bingham McHale partner practicing in the fields of utility, energy and real estate law. His practice focuses on sewer, storm sewer and water utilities and the energy sector. He represents public utilities, municipal utilities, and other entities in utility and energy. He handles formation, initial certification, rate, financing, service territory acquisitions and disputes, complaint, appeals and investigation proceedings. McGimpsey is a frequent speaker on the topic of utility law and regularly practices before the Indiana Utility Regulatory Commission. He also practiced before Indiana trial and appellate courts and the Natural Resources Commission. As a registered lobbyist, McGimpsey advocates before the Indiana General Assembly on behalf of the Firm's utility clients.

**David McGimpsey**  
Partner  
Bingham McHale

Travis Murphy is business development manager for Energy Solutions by JMS. Energy Solutions provides cradle to grave development and service for renewable energy systems for all customer classes with a focus on solar photovoltaics, solar thermal, geothermal, biomass thermal systems, and wind. Prior to his current position, he spent 7 years with the state of Indiana in various roles including program manager of Renewable Energy Development at the Indiana Office of Energy Development (OED). With OED he was charged with moving the renewable energy sector forward in Indiana through education, outreach, and economic development on behalf of the Lieutenant Governor. His work largely involved meeting with prospective businesses looking to invest money in our state in the RE sector and advising to the traditional benefits of doing business in Indiana. Previous to OED, he worked in various positions within the Indiana Department of Natural Resources, the Indiana Department of Environmental Management, and the Tennessee Valley Authority.

**Travis Murphy**  
Business Development Manager  
Energy Solutions by JMS

A long-time resident of Monticello, Connie Neining is economic development director for White County and executive director of the White County Economic Development Organization, where she seeks to foster economic growth through collaboration between White County's cities and towns. She also has served as an advisor and treasurer of the BioTown USA Development Authority since its inception in 2006. A member of the Monticello Kiwanis Club, the Greater Monticello Chamber of Commerce, the Monon Chamber of Commerce, and the White County Economic Action Team, Neining also coordinates the Western Indiana Sustainable Energy region.

**Connie M. Neining**  
Economic Development Director  
White County Economic  
Development Organization

Jiqin Ni is assistant professor in the agricultural and biological engineering department at Purdue University. He received his Ph.D. at the Catholic University of Leuven (KUL), Belgium in 1998. Before studying in Europe, he worked on research and extension on biogas and other renewable energy resources in China. He joined Purdue in 1997 and worked as research associate, research assistant professor, and research associate professor on agricultural air quality. Ni's current research and extension program focuses on livestock waste systems engineering, including anaerobic livestock waste treatment, bioenergy from agricultural wastes and best management practices.

**Jiqin Ni**  
Assistant Professor  
Agricultural & Biological  
Engineering  
Purdue University

Linda Nielsen is the program manager for the Clean Energy Manufacturing Center within the BlueGreen Alliance Foundation. In this role she manages the Wind Energy Supply Chain Project, which partners with labor, business and trade organizations to help U.S. manufacturers create components for wind energy. Nielsen brings over 20 years experience working in economic development with manufacturers, including working with the NIST Manufacturing Extension Partnership (MEP) through the U.S. Department of Commerce. Her expertise runs from industry, services, and partners assisting manufacturers within the NIST MEP system and state of Minnesota. She holds degrees from both St Cloud State University and Southwest Minnesota State University.

**Linda Nielson**  
Program Manager  
Clean Energy Manufacturing Center

## **Kate O'Hair**

**Director, Midwest Region  
enXco**

Kate O'Hair joined enXco in 2003 and currently serves as the Director of enXco's Midwest Region responsible for origination and development of renewable energy projects in the Midwest. In her tenure at enXco, Kate has been directly involved in development of over 1.5GW of operating wind projects in MN, IA, IN, and KS, and has participated in and managed a wide variety of development activities, including project origination and development, project finance, project due diligence, customer market analysis, and contract negotiations. Kate holds a Business Administration degree from North Dakota State University.

## **Ken Perkins**

**Vice President and  
Senior Commercial Lender  
First Farmers Bank & Trust**

Ken Perkins, Vice President/Sr Commercial Lender, joined First Farmers Bank & Trust in 2004 after spending 24 years with ADM/Moorman Mfg Co. in multiple capacities. His responsibilities ranged from managing sales personnel to his last position as swine specialist for the Midwest and Northeastern States. After graduating from Indiana University in 1974, Perkins worked at Irving Materials Inc, as a manager of a concrete plant in Marion County. Perkins also is active in mission trips to South East Asia where he helps local villages improve their agricultural production. He has served on the Certified Livestock Advisory Board and spoken on behalf of Pork Producers and Dairymen at various local Board of Zoning Appeal hearings. Perkins was honored as a Beyond the Gate recipient at the Indiana Livestock Forum held at Lucas Oil Stadium in December of 2008 for his support of Indiana Livestock Producers.

## **Bob Prantil**

**Region Executive  
GE Energy**

Since January 2007, Bob Prantil has served as region executive for GE Energy, a leading supplier of power generation technology, energy services and energy management systems. Prantil has been with GE for 26 years serving customers in the energy market. He has led global sales organizations in services, repairs and equipment. As region executive, Prantil is responsible for over 500 commercial resources in the Northeast US, Mid-Atlantic US, North Central US and Canada. Prantil holds a Bachelor of Engineering degree in Electrical Engineering from the State University of New York Maritime College.

## **Dale Reckman**

**Director  
Field Services, GLWN**

In his position of Director of Field Services for GLWN, Dale Reckman is responsible for developing the manufacturing capabilities of emerging wind-energy supply chain companies through onsite profiles, coaching, and referrals. He continues to refine the network's assessment process and capabilities instruments and leads account managers' efforts to evaluate the wind energy-related manufacturing capabilities of firms across North America. Reckman brings to GLWN over 25 years experience in operations, engineering and product development, estimating, sales and project management, procurement, and supply chain management. Prior to joining GLWN, he was vice president of the commercial products group for Magna Machine Company, a supplier to major wind power OEMs, and an owner of AR Industries, a large fabricating firm that was sold to ALSTOM Power in 2000.

## **Beth Roads**

**Assistant General Counsel  
Indiana Utility Regulatory  
Commission (IURC)**

Beth Krogel Roads has been with the Indiana Utility Regulatory Commission since December 2005, first as an assistant general counsel and then for the last 2 ½ years as legal counsel for RTO/FERC Issues, focusing on regional and federal energy issues, in addition to handling the Indiana Commission's appellate work. With recent changes at the Commission, Roads has resumed some of her duties as an Assistant General Counsel, particularly with regards to rulemakings on energy issues, including the establishment of the Indiana Voluntary Clean Energy Portfolio Standards program and the revision of the Integrated Resource Planning rules.

A graduate of Western Michigan University in 2002 with a B.A., Roads graduated summa cum laude (3rd in her class) from Valparaiso University School of Law in June 2005. She passed the Indiana Bar Exam and was admitted as an attorney in Indiana in October 2005.

## **Eric Rund**

**Owner  
Rund Farms and  
International AGtivities**

Eric Rund is a producer of food grade corn, seed beans and miscanthus on 750 acres in East Central Illinois. He has been actively researching and promoting biomass energy for the last four years. Drawing from work done at the University of Illinois, a study trip to Europe, and experiences on his own farm, Rund concluded that the most promising biomass crop is miscanthus. To secure seedstock and technical assistance, he became affiliated with New Energy Farms of Ontario, Canada. Last spring he planted seedstock acres for himself and seven others. In December he formed Green Flame Energy to accommodate his farm's evolving "field to flame" biomass energy enterprise, providing seedstock, custom planting, and biomass usage and marketing advice. He is now working to form a BCAP project area so that he and his fellow producers can take advantage of this vital USDA program to establish biomass crops. He was recently designated a "Champion of Change" for Rural Development by the White House for work he is doing with biomass.

Dan Schmidt is the Director of Market Development and General Counsel for Energy Solutions by JMS, LLC. Schmidt leads research and development, advocates legislative agenda, and develops regulatory strategy. He also serves as Energy Solutions' in-house legal counsel. A lawyer for the last ten years with licensure in Indiana and Colorado, Schmidt holds a law degree from Indiana University and is a LEED Accredited Professional. Currently, Schmidt is completing his M.B.A. and his M.S. in Global Energy Management at the University of Colorado. Schmidt has previously presented at the Indiana Chamber of Commerce's Annual Power Management Conference regarding distributed generation in Indiana.

**Dan Schmidt**  
Director, Market Development  
and General Counsel  
for Energy Solutions  
by JMS, LLC

Kurt Schneider, one of the founders of Energy Solutions by JMS, serves as vice president of the firm. With 24 years of experience with K-12 projects and 16 years with guaranteed energy savings contracting, Schneider understands the need for energy conservation, whether that be through savings or production. He has spent a great deal of time finding ways for public entities to realize some of the benefits from the variety of incentives geared toward the private sector. He has also become well-versed in the realities of the current economic climate regarding private lending for large-scale solar development.

**Kurt Schneider**  
Vice President  
Energy Solutions by JMS

Brandon Seitz attended Purdue University where he majored in history and political science. He received his Bachelors of Arts from the School of Liberal Arts in 1999. In the summer of 2000 Seitz was hired by the Indiana House of Representatives, Republican Caucus. During his time as a Legislative Assistant for the House, he worked for nine different state representatives.

**Brandon Seitz**  
Director  
Office of Energy Development

After serving in a variety of roles for Indiana Lieutenant Governor Becky Skillman, Seitz became the energy division manager at Office of Energy Development (OED) when it was created in December 2005. Seitz left OED for a brief period, beginning in 2007, to work as the Lieutenant Governor's deputy Chief of Staff. Seitz was later named director at OED in June 2008.

Pankaj Sharma holds a Ph.D. in physics and a master's degree in solid-state physics. He has an MBA from Purdue University and an Advanced Certificate in Applied Computer and Information Technology, Rochester Institute of Technology. Dr. Sharma is associate director for Operations and International Affairs at Discovery Park, Purdue's \$500 million home to the university's large-scale interdisciplinary research efforts. He is a managing director for the Energy Center and Center for the Environment, Global Sustainability Initiative at Purdue's Office of the Vice President for Research. He also currently holds a courtesy associate professor appointment in Industrial Technology. Recently, Sharma was selected 'Fulbright New Century Scholar.' His focus for Fulbright research has been on studying innovation capacity in India and university based economic development in Indiana.

**Pankaj Sharma**  
Associate Director  
Operations and  
International Affairs  
Purdue University

Becky Skillman is serving her second term as the 49th Lieutenant Governor of Indiana. Since 2005 she has served as the state's second in command with a clear vision of Indiana's complete economic comeback. Before serving as the first elected female Lieutenant Governor in Indiana, Skillman held elected offices in Lawrence County for sixteen years. She also served as the President of the Association of Indiana Counties. In 1992 Hoosiers in five southern Indiana counties elected Skillman to represent them in the Indiana Senate. She was quickly recognized for her ability to lead and was the first woman elected to senate majority leadership. As Lieutenant Governor, Skillman oversees the Office of Energy Development, The Office of Community and Rural Affairs, The Indiana Housing and Community Development Authority, the state Tourism Office and the Indiana State Department of Agriculture.

**Becky Skillman**  
Lieutenant Governor  
State of Indiana

After a postdoctoral fellowship at Argonne in photosynthesis, Seth Snyder worked at Abbott Laboratories in Alzheimer's and pharmaceutical discovery research. In 1998 he rejoined Argonne as the associate director of the chemistry division where he developed new programs in nanoscience and applied biotechnology. In 2001 he joined the energy systems division as the section leader of chemical and biological technology and now process technology research. His team develops new process technologies ranging from tree growth through fermentation and product separations with a focus on energy efficiency biofuels, biobased products, CO2 capture, and water technologies. Among many tasks, he serves as Argonne's lab relationship manager for the DOE Office of Biomass, on the DOE Industrial Technologies Program. He has published approximately 40 papers, has eight patents and has received two R&D 100 awards. He is a co-founder of Clean-Stream Technologies.

**Seth Snyder**  
Section Leader and Biochemical  
Engineer  
Argonne National Labs

## **Bob Spatz**

**Sales Manager  
Plug-in Vehicle Solutions**

Bob Spatz is sales manager with Plug-In Vehicle Solutions with over 15 years experience directing sales personnel. Spatz has the product knowledge to solve customers concern and create a program to fit a clients needs. As a speaker Bob has given presentations at IPI, Windiana, ECO360 and Walker Parking Consultants. His speeches have assisted in the growth of electric vehicle chargers in the US.

Plug- In Vehicle Solutions is a national representative for 5 manufacturers of electric vehicle chargers. This breadth of product allows Plug-In Vehicle Solutions to offer the correct product for your needs.

## **David Stippler**

**Utility Consumer Counselor  
Indiana Office of Utility  
Consumer Counselor**

David Stippler became the 23rd utility consumer counselor for the State of Indiana on March 10, 2008. Having specialized in public utility law throughout most of his career, Stippler brings 35 years of experience as a practicing Indiana attorney to his role as the State's Utility Consumer Counselor. Before joining the Indiana Office of Utility Consumer Counselor, Stippler spent six years with the Indianapolis law firm of Bingham McHale, LLP where he represented utilities and municipalities on a wide range of legal and regulatory issues affecting their business activities. He also served for 17 years as in-house corporate counsel with Ameritech Corporation and SBC Communications. An Evansville native, Stippler is a 1973 cum laude graduate of the Indiana University School of Law, Indianapolis. He is also an alumnus of Saint Meinrad College and the University of Evansville.

## **Mark Stoermann**

**Project Manager  
Fair Oaks Dairy**

Mark Stoermann is the Project Manager for Fair Oaks Dairy Farm and was responsible for the construction and content development of the Fair Oaks Farms, Dairy Adventure, construction and startup of The Fair Oaks Farms Cheese Plant and three Anaerobic Digesters using sand laden dairy manure; two at Fair Oaks Dairy Farms, for 3,500 cows and 10,500 cows respectively and one for 3,500 cows in the Central Sands Region of Wisconsin. These projects included electrical generation as well as gas cleaning projects. Mark is now primarily tasked with the sustainability efforts at Fair Oaks as well as Select Milk Producers, Continental Dairy Products, Pecos Valley Biomass Cooperative and the Innovation Center for US Dairy, a part of Dairy Management Inc. Mark has a bachelor's degree in Biology from St. Cloud State University where his course emphasis was in microbiology and also a certificate in Total Quality Management from Penn State.

## **Ryan Stout**

**Owner, CEO  
Nusun Solar**

Realizing both the need and opportunity to further develop the solar industry in Indiana, Ryan Stout formed Nusun Solar in 2010. Nusun Solar is the first US-based solar C-Si PV manufacturing facility utilizing new nano-technology. In addition to the Nusun Solar manufacturing facility, Stout also serves as the president of Xfinergy, LLC. Understanding the weak links of renewable energy systems as a base load energy provider, Stout partnered with a R&D company to bring next generation lithium battery manufacturing to Indiana. Stout is a member of IDEA (Indiana Distributed Energy Advocates), INREA (Indiana Renewable Energy Association), American Solar Energy Society, Battery Electrical Specialists Association, Delaware County and The Greater Indianapolis Chamber of Commerce, and Better Business Bureau.

## **Chris Striebeck**

**Principal  
Integrated Development  
Services, Inc.**

Chris Striebeck is an Indiana native and graduate of Wabash College and Indiana University Schools of Law and Business. He is a practicing attorney, a LEED accredited professional and principal of Integrated Development Services (IDS) which is a sustainable energy services and consulting firm.

## **Jim Straeter**

**Owner  
New Holland Rochester, Inc.**

Jim Straeter owns and operates a five-store farm equipment business that includes major lines of equipment including New Holland, Apache, Kinze, Krause and Woods. Straeter is a 1973 graduate of Southern Illinois University and he has spent his entire career in farm equipment sales and product development. He holds three patents, including one for an innovative method of collection of corn stover for biomass use and agricultural application. He will make a presentation on this system at the American Society of Agricultural and Biological Engineers in Louisville in Aug. 2011. Straeter had held numerous offices involving community service including being President of the Rochester Community School board, Fulton Co. Development Corporation and Chamber of Commerce. He is heavily involved in 4H and FFA programs in his community.

In 2009 Straeter installed a Bergrey 10Kw wind turbine as part of the Indiana Dept. of Energy Defense grant program to promote renewable energy. An innovative method of construction was devised to reduce costs and construction time for this home-sized wind turbine. Eight of these units have been installed, including one at Ancilla College in Donalds, Indiana. Straeter is actively developing a solar hot water system and testing bio-diesel plant use in Indiana utilizing Pennycress and Camelina plants.

Joseph M. Sutherland is the Executive Director for Governmental Affairs for the Indiana Utility Regulatory Commission (IURC). He joined the Commission in 1995 as a Rate Analyst in the Accounting Division. In 1998, Sutherland became Director of Operations and Executive Secretary to the Commission. In 2001, Sutherland's duties were significantly expanded and he became the Commission's Chief Operating Officer and CFO with responsibilities including the supervision of all commission technical staff.

**Joseph M. Sutherland**  
Executive Director for Governmental  
Affairs for the Indiana Utility  
Regulatory Commission

Since 2006 Sutherland has been in charge of all external functions, including liaison responsibilities for the Indiana General Assembly, the Governor's Office, and Indiana's Congressional delegation. Sutherland also oversees IURC internal operations, including all budgetary matters, media relations, consumer affairs, and information technology. Sutherland is the prior Chairman of the National Association of Regulatory Utility Commissioners (NARUC) Staff Subcommittee on Executive Management, as well as a member of NARUC Staff Subcommittees on Telecommunications, International Relations, and Education. Sutherland holds a B.S. from the Indiana University School of Business with concentrations in both Accounting and Finance.

John Timler is currently a senior engineer at Science Applications International Corporation. Long term goals include participating in the development process of next-generation power and energy technologies for both terrestrial and space-based applications. Timler's research efforts have focused on energy conversion and storage technologies including radiation-hard solar cells, capacitors, batteries and thermo chemical conversion processes. Current duties include serving as technical lead for renewable and alternative energy technology development team and evaluating novel power distribution and generation technologies for military applications. Timler previously served as Chief Scientist and Principal Member of Glacier Semiconductor, LLC, Research Engineer at System Creations, Inc., and Department of Central Intelligence postdoctoral fellow at the University of Notre Dame. Timler holds a PhD and M.S. in Electrical Engineering from the University of Notre Dame, and a B.S. in Electrical Engineering from the Indiana Institute of Technology.

**John P. Timler**  
Senior Engineer  
Science Applications International  
Corporation (SAIC)

Kellie Walsh has been the executive director for the Greater Indiana Clean Cities Coalition since 2002. In that time, she has assisted coalition stakeholders in securing over \$14 million in federal and state funds to implement alternative fuel projects in both the public and private sectors. Walsh has been recognized by Senator Richard G. Lugar and Indiana's Lt. Governor Becky Skillman for her work in alternative fuels, especially biofuels. She is also a 2007 AFVi Conference Clean Cities Peer Award Recipient. Walsh was named the U.S. Department of Energy Clean Cities Coordinator of the Year in 2006 and Mentor of the Year in 2009.

**Kellie L. Walsh**  
Director  
Greater Indiana Clean  
Cities Coalition

Michael Zdyb has worked for NIPSCO and its affiliate companies continuously since 1976. He started in field engineering and customer service, rose through the company ranks to district manager, operations manager and in 1995 was named Director of Customer Service. In 2001, Zdyb was named Vice President of Business Development for NiSource Energy Technologies. In 2008 he coordinated the existing interconnection and net metering process for NIPSCO. During this time, he had responsibility for working with customers who were either evaluating or installing renewable energy systems. He is currently the Director of Regulatory Strategic Analysis. ♦

**Michael Zdyb**  
Director of Regulatory  
Strategic Analysis  
NIPSCO

# *WIndiana/IREC 2011 Conference*

## *— Notes —*

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About OED: The Office of Energy Development (OED) was created in December 2005 as an extension of the Indiana energy office. Under the leadership of Lt. Governor Becky Skillman, OED is responsible for the state's energy policy. As Indiana's State Energy Office, OED administers grant and other energy related funding that comes to Indiana as part of the American Recovery and Reinvestment Act OED has established partnerships on a state level in order to promote the use of local resources such as clean coal and agricultural products. These local resources are used to create energy in the form of electric generation, synthetic natural gas and alternative transportation fuels. Under the leadership of Lt. Governor Becky Skillman, OED works with stakeholders in a variety of industries to maximize jobs and economic vitality by being a hub for energy development. Visit the OED Web site at [www.in.gov/](http://www.in.gov/).

About the Energy Center: Purdue University's Energy Center is located within Discovery Park, a \$400 million research and learning complex of 11 dynamic centers where more than 1,000 faculty members and 3,000 students engage in interdisciplinary projects addressing the world's grand challenges. The Energy Center is specifically focused on efficient use of petroleum and natural gas resources, the invention of clean coal technologies, and the transition from fossil fuels to a mix of solar, wind, bio, and nuclear energies. Since its inception in 2005, researchers have been advancing technologies and policies related to energy research while helping to educate the next generation of energy specialists.

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## Acknowledgements

This conference is no simple undertaking and is not accomplished by one or two people. The Indiana Office of Energy Development (OED) would like to thank Purdue University's Energy Center at Discovery Park for its unfailing support of this conference. Members of the Indiana Wind Working Group, the Indiana Solar Energy Working Group and the Indiana Biomass Working Group also play a significant role in this undertaking. The IREC workshops were programmed by the Indiana Renewable Energy Association.

Logistically speaking, OED would like to thank The Office of the Vice President for Research at Purdue University and Purdue Conferences for the extremely difficult work they do in "herding cats."

Finally, we would like to thank our boss, Lt. Governor Becky Skillman for her vision and her tireless efforts to make Indiana a great place to live.