



June 24-25, 2011 Presenters



Cindy Buckley, Kalamazoo Valley Community College, is Executive Director of Training and leads a variety of economic and workforce development programs. Her responsibilities include workplace learning programs and customized industry training. In 2007, she launched a successful effort to develop fast track, non-credit occupational training programs at Kalamazoo Valley Community College. Career Academies offer educational alternatives to the credentials needed to compete for jobs. With more than 25 years of public sector program administration she joined Kalamazoo Valley in 2000 to help launch the Michigan Technical Education Center (MTEC). Her experience and passion for creating programs which solve problems employers while creating opportunities for potential employees has led to the successful launch of career academies: Automotive Technician Academy, Patient Care Technician Academy, Welding Academy, Hospitality Academy and the Wind Turbine Technician Academy.



Lisa M. Daniels, Executive Director and founder of Windustry, has been providing wind energy information and technical assistance to farmers, ranchers, elected officials, rural utilities and other interested groups since 1995. Currently, Lisa leads Windustry in contracts with the US Dept. of Energy and National Renewable Energy Laboratory and as an active partner on the Wind Powering America initiative. Nationally, Lisa serves on the American Wind Energy Association Community Wind Work Group Steering Committee, and the National Wind Coordinating Committee's Steering Committee. Lisa is also a founding member and on the Board of Directors for Women of Wind Energy (WoWE). She was recognized in 2004 by the US Dept of Energy Wind Powering America program, with the Chicago Regional Office Wind Advocacy Award for regional leadership, creativity, and commitment to wind energy development, and honored again in 2005 for her work with Wind Powering America's Agriculture Outreach Team. Lisa received a B.S. in Business Management from Bentley College in Waltham, Massachusetts. She loves to canoe and kayak, and enjoys horseback riding and Nordic skiing with her family.



Larry Flowers, American Wind Energy Association (AWEA), has been AWEA's Deputy Director of Distributed and Community Wind since January 2011. Prior to AWEA he held various management positions at the National Renewable Energy Laboratory since 1980, including more than 20 years as a team leader and principal project manager at NREL's National Wind Technology Center in Boulder, Colorado. His major contributions included National Technical Director of Wind Powering America, founder of the Wind for Schools program, leader of the Wind-Water Nexus project, and team leader of NREL's international Village Power program and the NWTC's hybrid systems technology project. Prior to the NWTC, he led programs and projects in NREL's business development, buildings sciences, utility systems, solar thermal, and industrial applications. He has an MBA from the University of Denver and a BS in metallurgical engineering and materials sciences from Lehigh University. He enjoys fly-fishing and whitewater rafting in the Rockies.



Trudy Forsyth, National Renewable Energy Laboratory, has worked in the wind technology field since 1994 as a leader of NREL's distributed wind turbine projects. Since 1995, she coordinated efforts between the NWTC technical staff and U.S. manufacturers for designing new small wind turbines and testing new prototypes. Her work at NREL is also focused on midsize wind turbines. Trudy serves on a number of US Boards and Committees in support of distributed wind including the Small Wind Certification Council, the American Solar Energy Society and the ASES Small Wind Division, the North American Board of Certified Energy Practitioners and on the steering committee for Women of Wind Energy. She is also the secretary for an international group of small turbine experts who revised the IEC Small Wind Turbine Safety standard (61400-2). Trudy has authored and co-authored technical conference papers on small wind turbines, their design features, economics, and commonalities in the U.S. marketplace between PV and small wind. She has given numerous presentations to both international audiences and the general public on distributed wind technology, economics, and applications.



Tom Gallery, North Wind Measurement, is an engineer (University of Detroit) with over 40 years experience, 33 of which were in the automotive industry. His main field was three-dimensional modeling of non-linear systems – a fancy way to describe mathematical modeling of complex automotive systems (suspensions, aerodynamics, ride, handling, noise, etc) Tom is on the board of directors of Northport Energy, a non-profit (501c3) that promotes energy efficiency and renewable energy in northern Michigan. He is also a partner in Leelanau Community Energy LLC which designs and finances community wind systems. He left the automotive industry in 2002 and has concentrated on wind energy systems, primarily the analysis of wind resources. His company, North Wind Measurement (NWM), has conducted over 25 measured wind assessments in Michigan and Pennsylvania. The focus has been on cost effective methods to determine wind resources in three to six months using correlation to nearby certified meteorological sites. North Wind Measurement owns and operates five meteorological towers in Michigan and maintains five met towers for commercial developers and municipalities. NWM also provides ancillary services for wind site assessment including shadow flicker studies, noise analysis, and turbine tower foundation loading.



John Sarver, Chair, Michigan Wind Working Group, started with the Michigan Energy Office in 1976 and has been involved in a variety of energy efficiency and renewable energy programs and issues. John recently retired from state government where he was responsible for residential and commercial energy programs and efforts to promote solar and wind energy. John chairs the Michigan Wind Working Group and serves on the Great Lakes Wind Collaborative Steering Committee. John prepares the monthly newsletter Great Lakes Energy News for the Great Lakes Renewable Energy Assoc. He has a Masters in Public Policy from the University of Michigan.



Tammy Stoner, Wind Power Services LLC, is a leading expert in wind energy for home & business on site use. Tammy's passion for windmills as a child has been the driving force to becoming one of only two certified wind site assessors in the state of Michigan. As a certified instructor she is able to combine her passion for wind energy with a fascination for steel structures into performing a job that she truly enjoys. As the founder of Wind Power Services LLC Tammy has been charitable with her knowledge and experience by hosting numerous educational seminars through out the Midwest. Service and maintenance contracts are fulfilled with numerous wind systems owners through out Michigan. Tammy resides in LeRoy, Michigan with her Husband and daughter. She holds accreditation for wind turbine design considerations, service & maintenance, site assessor training from Midwest Renewable Energy Association. When not working on towers or wind energy projects she enjoys spending time in the woods bonding with nature.



Art Toy, Four Elements Energy, Inc., possesses a BS and an MS from UCLA and has over 26 years of experience in research, development, production, manufacturing and project management as well as having assisted with Pfizer Inc's Climate Change, Energy Conservation and Energy Efficiency initiatives. Mr. Toy also has 13 years of military leadership experience with his most recent assignment as an artillery officer with the Michigan Army National Guard. He is NABCEP knowledge certified in Solar Photovoltaic Systems as well as factory trained to service XZERES and Bergey wind turbines.



Dan Turner, Windustry, is an experienced renewable energy consultant who has worked with Wind Utility Consulting providing preliminary and full feasibility studies for a variety of organizations considering distributed wind energy usually involving one or more utility-scale wind turbines. He has a wide range of skills and expertise including complex problem solving; strategic planning, small project planning and management, financial modeling in the wind industry, grant writing, technical report development, research, teaching, presentation and public speaking.