



# Building the Wind Turbine Supply Chain Workshop

October 22, 2009, 8:30 AM to 5:00 PM  
Spoon River College Community Outreach Center  
MidAmerica National Bank Conference Hall  
2500 East Jackson Street, Macomb, Illinois

## The Workshop:

Renewable energy has grown rapidly in the last several years. In 2008, the United States added 8,558 MW of new wind generation representing \$16.4 billion of new investment.

This workshop will enable manufacturers to evaluate their capabilities relative to customer requirements, and begin to develop their plan for penetrating the market.

Experts in the field of renewable energy will highlight market opportunities in the wind sector for attending manufacturers. The goal of the workshop is to help build a new industry of wind turbine components that will create new jobs and investments throughout Illinois.

The workshop will also feature information on growing trends in wind power, major supply chain needs in the wind energy systems industry, retooling investments, and process upgrades that suppliers must address in order to comply with wind industry standards.

## Speakers Include:

**Wigberto (Will) Narvaez** joined Nordex USA in October 2008 as a Purchasing Officer with the goal of establishing a US sourcing strategy and supply chain for wind turbine components. Will brings to Nordex USA experience in global sourcing, Lean manufacturing, supplier development and qualification. Prior to joining Nordex USA, Will's career spanned many industries and disciplines, from program and project manager of Fortune 500 companies to design engineer of spaceflight hardware for the International Space Station. He holds an MBA from the Nance College of Business at Cleveland State University and a B.S. in Mechanical Engineering from Penn State University.

**Edward G. Weston** is director of WIRE-Net's Great Lakes Wind Network™, a Cleveland-based, industry-led organization of manufacturers and suppliers whose mission is to increase the domestic content of North America's wind turbines. Ed joined WIRE-Net with experience as a senior manufacturing executive in both multi-national corporations and closely-held operations. He graduated from the University of Illinois with a B.A. in Economics and holds an M.S. from the Krannert School of Business at Purdue University. Ed is also a retired naval officer.

**Jack Weatherford** is overseeing the ARRA Green Industry Business Development Program for the Illinois Department of Commerce and Economic Opportunity (DCEO) Energy and Recycling Division. He has been with the agency since 1996, first serving in the Fiscal Management Division processing grants for not-for-profit agencies for 5 years. Before joining the Energy Division he served as a Loan Officer and later the Assistant Manager for the Bureau of Business Development for the agency for 8 years. Prior to working for DCEO he worked for Meyer & VanMeter, CPAs for twelve years, in the private sector for twelve years, and the Illinois Attorney General's Office for six years.

**Daniel Voorhis** has been director of the Illinois Small Business Development Center at Western Illinois University since 1992. The ISBDC provides confidential business counseling and training to help entrepreneurs start, grow, and sustain their businesses. Voorhis is a graduate of Western Illinois University and worked for International Harvester Corporation before becoming an entrepreneur and business owner. He was director of the Technology Commercialization Center at WIU from 1986 to 1992.

For a full list of speakers, please visit [www.RenewableEnergy.ilstu.edu/Events/SupplyChainOct2009.shtml](http://www.RenewableEnergy.ilstu.edu/Events/SupplyChainOct2009.shtml).

## Sponsored By:



The Western Illinois Corridor Council Presents:

# Building the Wind Turbine Supply Chain Workshop

Spoon River College Community Outreach Center, MidAmerica National Bank Conference Hall, 2500 E. Jackson Street, Macomb, IL



## Agenda - Thursday, October 22, 2009 \*

- 8:30 a.m. - Registration & Continental Breakfast
- 9:00 a.m. - Welcome - David Loomis, Center for Renewable Energy, Illinois State University
- 9:10 a.m. - Overview of Today's Workshop - Ed Weston, Great Lakes Wind Network
- 9:15 a.m. - Options Available for Manufacturers to Diversify Their Customer Base  
- John Price, Chicago Industrial Fasteners  
- Bob Weinstein, IMEC
- 9:35 a.m. - Supply Chain Opportunities for Manufacturers - Ed Weston, Great Lakes Wind Network
- 10:20 a.m. - Networking Break
- 10:40 a.m. - Structure of Wind Turbines and the Supply Chain - Dale Reckman, Great Lakes Wind Network
- 11:50 a.m. - Lunch - Wind Turbine OEM Presentation - Will Narvaez, Nordex USA, Inc.
- 1:15 p.m. - Evaluating the Opportunity and Taking the Next Steps - Dee Holody, Great Lakes Wind Network
- 2:00 p.m. - Panel Discussion: Developing your Wind Energy Market Penetration Plan  
- Moderator - Bob Weinstein  
- Developing your market diversification strategy -- Steve Barnhart, IMEC  
- How to get to be a supplier of a Tier 1 company -- Will Narvaez, Nordex USA, Inc.  
- Technical requirements for Tier 2 and 3 -- Rahul Gangulee and Jason Holliman, Winergy Drive Systems
- 3:00 p.m. - Networking Break
- 3:15 p.m. - Panel Discussion: Funding Your Expansion – Grant Applications and Options for Other Funding  
- Bob Weinstein, IMEC  
- Bill Haas, Shaw Group  
- Jack Weatherford, IL DCEO  
- Dan Voorhis, SBDC - Western Illinois University
- 4:30 p.m. - Next Steps and Available Support Resources - Bob Weinstein, IMEC
- 5:00 p.m. - Adjourn

*\*Agenda Subject to Change*

## REGISTRATION - ONLINE by CREDIT CARD

Register ONLINE at [www.RenewableEnergy.ilstu.edu/Events/SupplyChainOct2009.shtml](http://www.RenewableEnergy.ilstu.edu/Events/SupplyChainOct2009.shtml)

## REGISTRATION - by CHECK or MONEY ORDER

Building the Wind Turbine Supply Chain Workshop, October 22, 2009, Macomb, IL

\$125 per person. Includes lunch.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Return your completed form with your check made payable to **Illinois State University** to: Center for Renewable Energy, Illinois State University, Campus Box 5020, Normal, IL 61790-5020. No cancellations or refunds after October 19, 2009.

**Questions?** Contact the Center for Renewable Energy at 309-438-7919 or email [renewableenergy@ilstu.edu](mailto:renewableenergy@ilstu.edu).

FEIN# 37-6014070

Workshop Organized by:

