

# WIND ENERGY WEEKLY

THE LEADING E-NEWSLETTER FOR THE WIND ENERGY INDUSTRY



WWW.AWEA.ORG

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## Wind Industry News

Bill introduced with no RES, but industry keeps fighting  
Wind industry puts in sluggish six months  
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Wind Energy Weekly is a publication of the American Wind Energy Association and a service to its Members.



## Upcoming AWEA Events:

**AWEA Wind Resource & Project Energy Assessment Workshop**  
Oklahoma City, OK  
September 14 - 15, 2010

**AWEA North American Offshore Wind Conference & Exhibition**  
Atlantic City, NJ  
October 5 - 7, 2010

**AWEA Wind Power Health & Safety Workshop**  
Austin, TX  
October 26 - 27, 2010

**AWEA Wind Energy Fall Symposium**  
Phoenix, AZ  
November 17 - 19, 2010

**AWEA Small and Community Wind Conference & Exhibition**  
Portland, OR  
December 7 - 9, 2010

[www.awea.org/events](http://www.awea.org/events)

## AWEA News & Advertisements

LAST CHANCE to Submit: Awards Nominations due Saturday July 31

Deadline extended: submit an Abstract for Small and Community Wind Conference

Advertising, Sponsorship, and Exhibition Opportunities Available for North American Offshore Wind Conference

Shop the new AWEA Store

Save the date!

Careers in Wind - special summer offer

AWEA Outreach: The Weeks Ahead

AWEA Co-Sponsors Wind Integration Short Course

Advertisement: DMI, now offering transport services

## Executive Leadership

Denise Bode  
Chief Executive Officer

Britt Theismann  
Chief Operating Officer

Pam Poisson  
Chief Financial Officer

Rob Gramlich  
Sr. Vice President for Public Policy

Stephen Miner

## Top Story

### Wind Industry Continues Fight for RES Inclusion

The wind industry continued to turn up the heat and push for a national renewable electricity standard (RES) this week after Senate leadership unveiled a high-profile energy bill lacking an RES.

The early part of the week brought the news that Senate Majority Leader Harry Reid (D-Nev.) continues to pursue energy legislation dubbed a “spill bill”—referring to measures drafted as a result of the Gulf oil spill—that is relatively limited in scope and does not include an RES. Reid asserted that he does not have the necessary 60 votes for an RES to avoid a filibuster.

But renewable energy advocates insist that, in fact, an RES, which surveys have shown has broad public support across party lines, would win the votes of over 60 Senators. Buoyed by that information, the industry continues to push for an RES amendment to be added to the legislation. Senate leadership would like to get an energy bill out of the Senate before Congress’s August recess, giving wind power advocates an extremely short timeframe to get the legislation corrected. Debate on the bill began Thursday and a key procedural vote is expected on Monday evening or Tuesday.

One of the 60 votes for the RES would come from Senator Sam Brownback, the Kansas Republican who has publicly endorsed a 15% RES. “As we begin consideration of comprehensive energy legislation, it’s essential we include ideas that will help drive our national energy production in the direction of more clean, renewable energy,” he said.

In response to the week’s turn of events, AWEA issued the following statement from CEO Denise Bode: “We have the votes for an RES amendment and will continue to push for its consideration in this bill. Senator Brownback’s statements about the RES demonstrate the bipartisan support that exists for such an amendment. Democrats, Republicans, environmental groups, labor unions, and companies across the country all strongly support the RES because it is essential for creating hundreds of thousands of American jobs, reducing carbon emissions, and increasing American independence from foreign oil.

“The U.S. wind industry is in distress. Today we announced that with only 700 MW added in the second quarter [see related story], wind power installations to date this year have dropped by 57% and 71% from 2008 and 2009 levels, respectively, and manufacturing investment also continues to lag below 2008 and 2009 levels. An RES is a critical component to ensure the US wind industry thrives.”

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### Studies & Reports

## Wind Power Installations Drop to 2007 Levels for First Six Months of Year

Faced with uncertainty in the policy arena, the U.S. wind industry added only 700 MW in the second quarter for a 2010 six-month total of 1,239 MW, representing a 71% drop from 2009 levels, AWEA announced this week in its second quarter market report.

The number of installations through the first half of the year, which resembles 2007 levels, is 57% less than the first six months in 2008. AWEA and a broad coalition of renewable energy, labor, utility, and environmental organizations

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are calling on Congress with an [urgent appeal](#) to put in place a strong national renewable electricity standard (RES) to spur demand for renewable energy, attract manufacturing investment, and save and create jobs. Manufacturing investment in the industry also continues to lag below 2008 and 2009 levels.

Particularly worrisome is the news that during the first six months of the year, the U.S. installed more coal and natural gas power plants than wind and other clean, renewable energy sources. By contrast, during the previous two years, wind roughly matched new natural gas, and together the two sources accounted for about 90% of all new annual generating capacity installed over the past five years.

New wind turbine manufacturing facility openings dropped from 2008 and 2009 levels, with only two new manufacturing facilities coming online in the first half of 2010, compared to seven in 2008 and five in 2009. While wind turbine orders saw a slight uptick in the second quarter, mostly for 2010 delivery, the order level continues to be below what is needed to drive more manufacturing, AWEA said.

“Strong federal policy supporting the U.S. wind energy industry has never been more important,” said AWEA CEO Denise Bode. “We have an historic opportunity to build a major new manufacturing industry. Without strong, supportive policy like an RES to spur demand, investment, and jobs, manufacturing facilities will go idle and lay off workers if Congress doesn’t act now—before time runs out this session.

In effect, the U.S. is losing the clean energy manufacturing race to Europe and China, which have firm, long-term renewable energy targets and policy commitments in place, AWEA noted.

Even with over 5,500 MW under construction and a more active second half of the year in store, AWEA projects that 2010 installations will likely be 25-45% below 2009 installations, depending on policy developments. Of greater concern is that there is a dramatic drop in the project development pipeline after the 5,500 MW under construction—that is, there is no demand beyond the present “coasting momentum.” Without stable policy, without demand and new power purchase agreements and without new turbine orders, the industry is sputtering, according to AWEA, and passage of a strong national RES is needed to boost demand and fire up the industry’s economic engines.

According to a national [poll](#) conducted by Public Opinion Strategies and Bennett, Petts & Normington, an RES has strong voter support that crosses party lines, with 65% of Republican voters, 69% of Independents and 92% of Democrats favoring the legislation.

Other second quarter highlights include:

**Recovery act funding.** American Recovery & Reinvestment Act funding is key to bringing projects that are already in the pipeline to the finish line, AWEA said. But now, power purchase agreements, the locomotive that drives the project pipeline, have become difficult for developers to obtain, given the drop in overall electricity demand, lower natural gas prices, and the absence of a clear national renewable energy policy. An RES would spur utilities to buy wind power and enter power purchase agreements, thereby working in tandem with Recovery Act funding to produce strong results as seen in 2009, AWEA said.

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[About AWEA](#)



**No. 1 state.** Texas, already the leader in wind power capacity, is the state that installed the most new wind power in the second quarter. However, near-term activity is now concentrated in the Midwest, Northwest, and Intermountain regions.

The Q2 report is available on the AWEA Web site at <http://www.awea.org/publications/reports/2Q10.pdf>.

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### Project News

#### Settlement Paves Way for Another OG&E Wind Power Project

The Oklahoma Corporation Commission (OCC) has approved a settlement agreement reached on Oklahoma Gas & Electric's (OG&E) application to build and operate the Crossroads wind farm, which is expected to come online in northwestern Oklahoma in the second half of 2011.

Crossroads, to be built in Dewey County near Canton, will add at least 198 MW of renewable generation, although the OCC order allows for up to 227 MW. The actual capacity will be determined based at least in part on a pending Southwest Power Pool regional transmission study.

"This is a good outcome resulting from collaboration of the various parties interested in the expansion of renewable energy in Oklahoma," said Jesse Langston, vice president of utility commercial operations for OG&E. "We reached unanimous agreement with customer and shareholder groups, state agencies, and regulatory officials, which culminated in today's 3-0 Commission vote to approve the Crossroads project."

Average residential customers could see an increase in their monthly bills of somewhere between 59 and 65 cents per month when Crossroads is in full production in 2012; however, beginning in 2013 or 2014, the lower-cost energy produced by Crossroads is expected to result in a net decrease in average monthly residential electric bills and to reduce customer bills each year the wind farm is in operation.

The wind farm, to be constructed by [Renewable Energy Systems Americas, Inc.](#) (RES Americas), will have at least 86 Siemens 2.3-MW turbines and will connect with OG&E's new Windspeed transmission line to Oklahoma City, which was energized earlier this year.

In 2007, when OG&E had 170 MW of wind energy on its system, the company set a goal to quadruple that amount by 2012. Today, OG&E has 270 MW of wind power capacity, with projects under construction that will bring the total to 550 MW this year. With the addition of the Crossroads project, the company will have at least 750 MW of wind—approximately 10% of OG&E's total generation capacity from all sources, including natural gas, and coal.



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## OEMs

### Wind Turbine Solicitation: Detroit Edison Seeks Supplier

Detroit Edison issued a request for prequalification to purchase wind turbine equipment (minimum capacity of 1.5 MW) to be installed at one or more wind farms the electric utility is planning to develop.

The wind farms will be located in Michigan and have a total generating capacity of 100-200 MW. Qualified suppliers will be invited to submit proposals during the next 6-12 months, but only companies that submit a response to the prequalification request will be considered. (The deadline is September 3.) Detroit Edison has focused its wind farm development interest primarily in Huron County.

To meet the state's 10% renewable energy standard, the utility will need about 1,200 MW of renewable energy, of which half can be owned by the electric utility. Detroit Edison also is reviewing other opportunities including power purchase agreements and joint development projects.

Detailed bid documents for the prequalification are available at [www.dteenergy.com/renewsuppliers](http://www.dteenergy.com/renewsuppliers). Interested companies must register with PowerAdvocate at [www.poweradvocate.com](http://www.poweradvocate.com) to view and respond to the prequalification request. Fellow Michigan utility Consumers Energy, meanwhile, just secured some wind turbines (see story below).

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## Project News

### Treasury Grant Goes to Iberdrola, Loan Guarantee for First Wind

Two developers recently received major awards under the American Recovery and Reinvestment Act (ARRA).

[Iberdrola Renewables](#) received \$170 million in federal economic stimulus funds for the startup of its Cayuga Ridge wind facility in Illinois, while the U.S. Department of Energy (DOE) finalized a \$117 million loan guarantee for the Kahuku Wind Power project in Oahu, Hawaii. [First Wind](#) celebrated the project's groundbreaking earlier this month.

Iberdrola's funds came under ARRA's U.S. Treasury grant program allowing companies to monetize production tax credits, which lost their value as a result of the recession. Grants are awarded following completion of projects, so the funds will be used to allow the company to invest in more wind facilities, Iberdrola said. The company, which received \$867 million in such funds, said the grant underscores its commitment to the U.S., which it views as a key market. More than 300 people worked on the 300-MW project prior to commissioning, according to Iberdrola.

The 30-MW Kahuku project will create over 200 jobs on the island of Oahu, according to DOE. "Through the Recovery Act, we are supporting innovative projects that are adding to our workforce in the short term while laying the foundation for additional job creation in the long term," said Energy Secretary Stephen Chu.

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### Project News

## Consumers Energy Buys 56 Vestas Turbines for Mason County Wind Farm

Consumers Energy said it has signed a contract with [Vestas-American Wind Technology, Inc.](#), to purchase 56 1.8-MW wind turbines for the utility's Lake Winds Energy Park in Mason County, Mich. The wind farm is scheduled to begin operation in late 2012.

The contract for the 100.8 MW of Vestas's V100 turbines, which was competitively bid, is contingent on approval by the Michigan Public Service Commission (MPSC) as well as the utility obtaining a special use permit from Mason County. Consumers Energy plans to file the contract with the MPSC later this year.

"Securing this agreement is a major milestone in the development of our first wind energy park and continues our commitment to environmental stewardship," said John Russell, president and CEO of Consumers Energy.

In a further step in its wind farm development plans, Consumers Energy recently issued a request for proposal to eight bidders for an engineering, procurement, and construction contract for the balance of the work needed to construct the Lake Winds facility.

Russell said that 4% of the power Consumers Energy supplies to customers currently comes from renewable sources in Michigan and that by the end of 2012, that number will increase to 8%.

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### Project News

## Ground Broken on Terra-Gen's 1,550-MW Wind Farm in California

Celebrating a project with head-turning economic impact numbers, public and business officials this week joined [Terra-Gen Power](#) for the groundbreaking of what would be the world's largest wind power facility, the 1,550-MW Alta Wind Energy Center (AWEC).

AWEC's capacity will be nearly double that of the largest existing wind energy project, E.ON Climate and Renewables' 781.5-MW wind farm in Roscoe, Texas. (Other wind farms that would top the Roscoe facility are also under development.) AWEC's capacity is enough to supply power to the equivalent of 275,000 homes, Terra-Gen said.

The Alta projects will create more than 3,000 domestic manufacturing, construction and operation, and maintenance jobs, and contribute more than \$1.2 billion to the local economy in Kern County, according to Terra-Gen. Last week turbine maker Vestas announced that it had [received an order](#) for 190 of its 3.0-MW turbines for the project. Those turbines will come from the manufacturer's plants in Colorado, which employ over 1,000 people and counting. Vestas said the contract represents its largest single-site order.

According to Terra-Gen, AWECA will increase wind industry jobs in California by 20% and increase the installed wind power capacity in California by 25%. The giant wind farm will reduce carbon dioxide emissions by more than 52 million metric tons, which is equivalent to taking 446,000 cars off the road, and save more than 888 million gallons of water annually, Terra-Gen said.

"All of us at Terra-Gen are proud of the immense contribution that the Alta Wind Energy Center project will make to America's clean energy economy," said Terra-Gen Power CEO Jim Pagano. "AWECA will create a record-breaking amount of domestic wind energy, securing America's energy independence while protecting our natural resources for future generations."

"California's bold and innovative policies have made us a world leader in renewable energy, green jobs and environmental protection," Governor Arnold Schwarzenegger (R) said in a statement. "Having the world's largest wind project break ground in our state is tangible evidence that our pioneering policies are drawing investment, improving the economy and creating jobs now when we need them most. I look forward to seeing many more record-breaking projects like this one being built in California that will provide clean electricity and many more jobs."

AWECA CEO Denise Bode also took notice of the project, suggesting that its economic benefits are indicative of what wind power can do for all of America. "We hope our friends in the U.S. Congress will take notice of the clear demonstration that Terra-Gen Power's Alta projects provide of the power of strong renewable portfolio standards to create jobs and grow the economy," she said in a statement.

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### Project News

## Hair-Care Manufacturer Zotos to Build 3-MW Wind Project at Plant Site

A hair-care manufacturer has just won approval for the largest on-site wind energy project to power a manufacturing facility.

Darien, Conn.-based hair-care manufacturer Zotos International, Inc., a wholly owned subsidiary of Japanese cosmetics giant Shiseido Co. Ltd., got the green light for the \$7 million project, which will be located at its manufacturing plant in Geneva, N.Y. The company is investing in wind power as part of a sustainability initiative aimed at powering the 670,000-square-foot plant with 100% renewable energy by the end of 2011. The project was unanimously approved by city officials on July 27.

“We appreciate the city of Geneva, its leaders, community residents, Ontario County, the state of New York and numerous others who worked so hard on this project over the past year-and-a-half for their support and faith in Zotos’ future,” said Anthony Perdigao, vice president of plant operations at Zotos. “It’s incredibly exciting and gratifying to see our wind energy project move forward, and we are thrilled to showcase a success story for the new, green global economy.”

Perdigao credited last year’s federal stimulus bill, the American Recovery and Reinvestment Act, for covering 30% of the project’s costs. Zotos expects to see a return on investment in less than five years.

The Zotos project, which consists of two, 1,650-kW wind turbines, will provide the city with a donation equivalent to 5% of the wind power generated on site.

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### **Around the Industry**

#### **Branded Retail Energy Partners with Texas Universities to Bring Renewable Energy to Alumni**

Under two arrangements uniquely branded with each schools’ storied athletic programs, Dallas-based Branded Retail Energy Co. (BRE) will work with a pair of major Texas universities to provide renewable energy.

The University of Texas (UT) Men’s & Women’s Athletics programs announced a sponsorship program with BRE to create Texas Longhorns Energy (TLE), which will provide 100% renewable energy to alumni and fans in deregulated regions of Texas through retail electricity provider Champion Energy Services. Each new customer account will generate funds for sustainability initiatives for UT and UT Athletics. The new service will be officially launched in mid-August.

“This truly is a revolutionary approach to energy marketing,” said UT men’s athletics director DeLoss Dodds. “Not only will Texas Longhorns Energy be powered through renewable green energy, but the university will receive credit and funding for each customer who joins. This revenue will help continue UT Athletics and University efforts and programs in sustainability, recycling, and energy conservation.”

TLE supports the mission of the University of Texas to educate the campus at large on conservation and sustainability initiatives. TLE plans to use web portals and event-based activities to educate consumers on energy conservation and green power options and to assist with fundraising in support of specific initiatives.

Meanwhile, at Texas A&M, Aggie Athletics’ multimedia rights holder Learfield Sports and the Collegiate Licensing Co., the licensing agency for Texas A&M, signed an agreement with BRE to create Texas A&M Aggie Energy, which will also provide 100% renewable energy to fans and former students through Champion Energy Services.

“We want Texas A&M former students and fans to save their energy up for Saturdays at Kyle Field this fall,” said director of athletics Bill Byrne. “But like

every university, partnerships and philanthropic giving are critical to maintaining our academic and athletic excellence as we continue our mission of 'Building Champions.' Signing up for Aggie Energy is an easy way to support Texas A&M, as well as tap into a renewable energy source."

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## Supply Chain

### Supply Chain Connections

#### Turner Brothers expands crane fleet

**Turner Bros., LLC**, has taken delivery of the new **Liebherr** LTR 11200, the world's largest telescopic crawler crane. Designed primarily for wind turbine erection and industrial heavy lifting, the crane is the first LTR 11200 to arrive in North America, according to Turner Brothers, which called it "another flagship addition" to its crane fleet.

#### Timken wins \$26 Million contract to supplying Goldwind

**The Timken Co.** entered a \$26 million contract to supply wind turbine products and services to China's **Xinjiang Goldwind Science & Technology Co.** In 2009 Goldwind received new wind power capacity orders for about 2,722 MW, accounting for approximately 19.7% of the wind generation added in China last year, according to Timken.

Goldwind's contract with Timken will support more than 1,500 MW of new wind power capacity. Timken will provide advanced bearings, condition-monitoring systems, and engineering support and other services for Goldwind's 1.5-MW and 2.5-MW platforms.

#### First Wind selects RMT for Hawaii project

**RMT, Inc.**, has been selected by **First Wind** for engineering and construction of its 30-MW Kahuku Wind energy facility located on the island of Oahu in Hawaii. Construction has commenced on the project and is expected to be complete by the end of the year. RMT will be providing engineering, procurement, and construction to support the installation of 12 **Clipper** Liberty 2.5-MW wind turbines. The civil infrastructure will include roads, crane walks and pads, and turbine foundations. RMT will also design and construct the electrical infrastructure, including a 23-kV underground collector system and a 23/46-kV step-up substation. RMT is also responsible for tower erection and construction of a 7,000-square-foot operations and maintenance building.

#### Nordex increases power converter order

**Woodward Governor Co.** signed a multi-year agreement with **Nordex SE**, that Woodward says “will substantially increase” its deliveries of wind power converters to the turbine producer. As a result of the agreement, Woodward will become a key supplier for Nordex’s 2.5-MW wind turbines built for the European and North American markets. Woodward will manufacture the power converters for Nordex at its facilities in Kempen, Germany, and Fort Collins, Colo.

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## Around the Industry

### People

**Vestas-American Wind Technology, Inc.**, has promoted **Christian Venderby** from CFO to COO and has hired two new executives: **Henrik Kanstrup Jørgensen** as vice president of technology and **Steen Møller** as CFO. Jørgensen and Møller will join Vestas’ management team, based in the company’s North American headquarters in Portland, Ore., in August.

In his new role as COO, Venderby leads the construction, service, technology and supply-chain management operations for Vestas in the U.S. and Canada. Venderby joined Vestas in 2006 as CFO after spending more than 15 years with FLSmidth, a global supplier of equipment and services to the cement and minerals industries.

Jørgensen joined Vestas in 1991 in its Technology Research & Development group at the company’s global headquarters in Randers, Denmark. Most recently, he was vice president of global research for Vestas. In North America., Jørgensen will increase Vestas’ technology competences through state-of-the-art power-plant solutions, including supervising monitoring and remote troubleshooting for wind power plants along with surveillance, performance and diagnostics. Møller assumes responsibilities for financial planning and reporting as well as treasury, accounts receivable/payable and business-performance management.

**AllEarth Renewables** (formerly **Earth Turbines**) announced that **Regina Farrell** joined the company as director of sales and marketing. Farrell was most recently the marketing director at Native Energy; she holds an MBA with a focus on marketing from Boston University. At AllEarth Renewables, Farrell will develop and implement marketing strategies, monitor sales results, and develop and implement a reseller recruitment program.

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## AWEA News

### LAST CHANCE: Submit a Nomination for the AWEA Awards Program by Saturday, July 31

Each year we take the opportunity to recognize industry leaders for their outstanding accomplishments and honor some of the many achievements in the wind industry with the AWEA Awards Program.

Please help us by nominating companies, organizations or individuals that deserve such recognition and provide a few words about their

accomplishments. Award categories include:

- Outstanding Commercial Achievement Award
- Technical Achievement Award
- Excellence in Operations
- Andrew Linehan Award for Environmental Excellence
- Wind Energy Person of the Year

Nominations can also be submitted for special awards outside these categories.

All nominations must be submitted by July 31, 2010. [Click here](#) to submit your nomination.

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#### **AWEA News**

### **DEADLINE EXTENDED: Submit an Abstract for AWEA's Small and Community Wind Conference & Exhibition by Friday, August 6**

December 7 - 9, 2010 > Portland, OR

Introduce your expertise to the growing small and community wind industries, and share your knowledge by submitting an abstract to become an official conference speaker. AWEA has extended the deadline and will be accepting abstracts until Friday, August 6, 2010.

Possible topic areas include:

- Policy & Incentives
- Finance & Ownership Structures
- Public Acceptance
- Turbine Technology, Construction & Operations
- Development Process
- Roles of Cooperatives & Utilities
- Other

[Submit your abstract now!](#) Or visit the [event website](#) for more information.

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#### **AWEA News**

### **Advertising, Sponsorship, and Exhibition Opportunities Available for North American Offshore Wind Conference & Exhibition**

October 5 - 7 > Atlantic City, NJ

Exhibit at the [North American Offshore Wind Conference & Exhibition](#) and take advantage of current industry momentum to move your company to the head of the pack. If you are looking to gain visibility in this market, and want to promote your company's products and services, then exhibiting is for you.

[Click here](#) to view the floorplan and see who is exhibiting.

[Click here](#) for more information on sponsorship.

If you have questions, please contact [exhibition@awea.org](mailto:exhibition@awea.org) or call Ed du Moulin at 202-383-2500 x570 for more information.

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#### **AWEA News**

### **SHOP THE NEW AWEA STORE!**

Shop the **NEW** AWEA Store online! The AWEA Store is the official store of the wind industry. AWEA business members always get 10% off the list price, and only the AWEA Store supports and promotes the wind energy industry with the sales of its merchandise. Shop [www.AWEAstore.com](http://www.AWEAstore.com) today!

The WINDPOWER 2010 Recorded Conference Materials DVD is also available in the AWEA Store. The DVD contains all session presentations AWEA has permission to publish synched with the voices of the speakers. AWEA Business Members get 10% off the sale price! Order now and receive a link to the materials via email, followed by a DVD via mail in the coming weeks.

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#### **AWEA News**

### **Save the Date!**

#### **[AWEA Wind Resource & Project Energy Assessment Workshop](#) September 14 - 15 > Oklahoma City, OK**

Dive into technical aspects, challenges, opportunities, and best practices of accurately measuring and assessing wind speeds in the U.S. by attending this unique event. All sessions and discussion are kept at the technical level so attendees working in this sector are able to walk away with tools they can readily apply on the job.

The complete [program agenda](#) is now available online!

This event also offers limited [exhibit](#) and [sponsorship](#) opportunities.

#### **[North American Offshore Wind Conference & Exhibition](#) October 5 - 7 > Atlantic City, NJ**

Network with exhibitors and attendees from all over world! Become a player in the new and burgeoning U.S. offshore wind market during this unique event hosted by the American Wind Energy Association in collaboration with the Canadian Wind Energy Association (CanWEA). Learn the latest on North American permitting, installation vessels, wildlife monitoring, and project development in our multiple tracks, poster presentations, and enjoy a mobile session to tour the 7.5-megawatt (MW) Jersey-Atlantic Wind Farm.

Take advantage of this unique opportunity to get your company's name in front of the right audience by [exhibiting](#) or [sponsoring](#) this event. With 38 exhibitors in 2009 and over 70 exhibitors already signed up for 2010, this is an exhibition opportunity not to be missed!

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#### AWEA News

### Careers in Wind - Special Summer Offer

Dive into our **Summer Solstice Special!** Receive 3 posting credits (each good for one 30-day job posting) and unlimited FREE resume views/contacts, through the end of the summer, for only \$600 (non-AWEA members: \$800). That's a savings of 20% off the regular package price! This offer is only valid through August 31, 2010, so don't delay! Log onto [www.CareersInWind.com](http://www.CareersInWind.com) and post your jobs today!

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#### AWEA News

### AWEA Outreach: The Weeks Ahead

AWEA staff members participate in high-level industry events to ensure that the newest and most accurate information about the wind energy industry gains maximum visibility. In the next two weeks, AWEA will have a presence at the following events:

- **Event:** [The Johnson Foundation Special Event at Wingspread](#)
- **Details:** August 4, 2010; Racine, WI
- **AWEA Participation:** Jeff Anthony, Director of Business Development, will speak on the outlook for wind power in Wisconsin and the United States.
  
- **Event:** [Texas Supply Chain Conference 2010](#)
- **Details:** August 10-11, 2010; Fort Worth, TX
- **AWEA Participation:** Susan Sloan, Director of State Policy, will present on supply chain objectives and opportunities on the 10th

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#### AWEA News

### AWEA Co-Sponsors Wind Integration Short Course

AWEA, along with the consulting firm Energynautics, is co-sponsoring the 2010 presentation of the Utility Wind Integration Group (UWIG) short course, *Wind Generation in Power Systems: A Short Course on the Integration and Interconnection of Wind Power Plants into Electric Power Systems*, September 21-24 in Austin, Texas.

This course addresses issues related to interconnecting wind generation to electric utility power systems. Covered topics include wind turbine generator technology, modeling for power system analysis, and conducting planning and operating studies.

Specific highlights include:

- Costs and benefits of large scale integration of wind power
- Wind turbine design concepts
- Capacity value and cost of ancillary services
- US and European experiences with wind power integration
- Evaluation and management of the uncertainty of short-term power variations
- Wind forecasting
- Voltage control, power quality and protection issues
- Grid codes and recent US and European experiences
- High penetration issues
- Introduction to wind turbine modeling and simulation
- Wind turbine control issues
- Dynamic simulation studies related to wind power

For more information, including details on registration and accommodations, visit the UWIG web site at <http://www.uwig.org/shortcourse2010.html> or contact Sandy Smith, 865-218-4600, extension 6141 or e-mail [sandy@uwig.org](mailto:sandy@uwig.org). Registration is limited to the first 35 attendees.

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#### **AWEA News**

### **DMI, Now Offering Transport Services for Wind Components**

When you use DMI transport services powered by E.W. Wylie Corporation, you know your wind components will arrive at your project site safe and on time. That's because, as a leading wind tower manufacturer for more than ten years, we understand the importance of on-time deliveries and it shows in our performance.

DMI delivers every time and almost everywhere in North America. Our wide reach extends across 48 states and the Canadian provinces. Our specialized wind component transportation services:

- Transport DMI wind towers, as well as blades, tower sections and other wind turbine components from other manufacturers
- Support loads up to 120 tons and 185 feet long
- Include a modern fleet of tractor trailers designed specifically for transporting wind components
- Meet the rigorous demands of varying terrain and route requirements

And, because one size doesn't fit all, our fleet features schnables, blade trailers, and more. Whether you need to transport tower sections, blades, nacelles, or other large components to the project site, we have the equipment to meet your needs.

When you need specialized transport services, choose a company that's as passionate about your wind project as you are. Choose DMI. To learn more, visit [www.dmiindustries.com](http://www.dmiindustries.com).

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