

DIRECTION

Policy • Advocacy • Business • Finance • Legal • Environment • International

INDUSTRY AT LARGE

ANOTHER HOLIDAY RUSH FOR THE INDUSTRY...ONLY DIFFERENT

A late-year push is nothing new to the wind energy industry—in fact, companies are used to it. Through the years, the federal Production Tax Credit (PTC), wind's primary policy driver, has typically been extended in one- and two-year increments, and the extension often hasn't come until the 11th hour or even after a December 31 expiration has passed.

That sort of history has meant plenty of long days for construction crews around the time of the winter solstice, and the flipping of switches on newly christened projects even on New Year's Eve. Historically, of course, to qualify for the PTC, projects had to be online by the deadline.

In a sense, the final stretch of 2013—we'll call it wind's holiday season—was no different. Project activity was hot, and announcements were plentiful. Yet, while the industry turned a little frenetic at the end of the year, the nature of the activity was quite different from the usual holiday rush. Rather than reports streaming in about new projects going online, this year's holiday news was filled with construction starts, turbine orders, and power purchase agreements.

The reason: the all-important tweak to the most recent PTC extension, which required that projects start construction, rather than be completed, by the end of 2013. The new start-construction language was crucial for the industry during 2013 and beyond because the latest extension did not come until Jan. 1 of last year. As a result, the industry operated for months during 2012 with the uncertainty of a scheduled Dec. 31 expiration.

As previously mentioned, the industry has had to deal with such late extensions before. But things were different this time. Wind energy had grown into a \$25 billion industry, and the turbine supply chain infrastructure had planted roots here, creating an overall industry workforce of around 80,000. So as a result of the huge policy question mark, the entire supply chain and development pipeline virtually grinded to a halt, and so it took months for the now-sizeable industry to ramp back up again in 2013. A one-year extension requiring that projects be completed by the end of 2013, therefore, would have had little impact on an entire industry that needed to start up again from a stationary position.

If you want to get a glimpse of what's happening in the industry, look no further than the turbine manufacturers, which in a sense represent the heart of the business. Sure enough, original equipment manufacturers (OEMs) were announcing turbine orders at year's end that will keep them and developers busy not only in 2014 but into 2015 as well. That's the power of the start-construction language in the latest PTC extension.

Following are just a few news items highlighting the activity as most industries were quieting down and having holiday parties. The items are by no means comprehensive both in terms of the manufacturers that made announcements or orders placed, but they provide a sense of the activity that took place at year-end.



*By Carl Levesque
American Wind Energy Association*

VESTAS FINISHES STRONG

Vestas kicked off the holiday week of Dec. 23 with the announcement that it received a 150-MW order from First Wind for multiple U.S. projects. That's a solid order, but it gets better: The company could ultimately supply First Wind with up to 568 MW of additional turbines for multiple projects, the turbine manufacturer said. As part of the master supply agreement, Vestas will supply 75 V110-2.0 MW turbines to the 150 MW Route 66 project near Amarillo, Texas. Deliveries are expected to occur for Route 66 in early 2015 with commissioning in mid-2015.

The next day, on Dec. 24, Vestas announced an order that it said made 2013 its second-best year ever for the region. The company received a 110-MW order for 55 V100-2.0 MW wind turbines for a new project in the U.S. That order put Vestas over the 1,700-MW threshold for the year in the North American market (including Canada)—second only to the 1,883 MW in sales the company recorded in 2010.

GAMESA SECURES TURBINE ORDER WITH EDP

Vestas wasn't the only OEM to add some late-year orders to its 2013 books. On Dec. 26, Gamesa said it has signed a framework agreement with EDP Renovaveis (EDPR) for the supply of up to 450 MW for EDPR U.S. projects that could go into 2016.

Under terms of the agreement, the OEM will supply up to 225 of Gamesa G114-2.0 MW wind turbines. The agreement represents the largest contract for Gamesa's G114-2.0 MW turbines to date.

SIEMENS CELEBRATES RECORD

Perhaps Siemens Energy made the

biggest splash of the year. The deal had already been announced, but nevertheless on Dec. 16 Siemens confirmed that the 1,050-MW wind turbine order it recently received from MidAmerican Energy Company is the largest land-based wind turbine order in the world. The news was announced at a commemoration event at Siemens'

blade manufacturing facility in Fort Madison, Iowa. Leading the Dec. 16 celebration were Iowa Gov. Terry Branstad, Mark Albenze, CEO of wind power Americas for Siemens Energy Inc., and AWEA CEO Tom Kiernan.

As with the other orders mentioned above, the order will keep Siemens busy for some time. ↘

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OTHER NORTH AMERICAN TURBINE ORDERS

TRI GLOBAL ENERGY SELECTS ALSTOM FOR TEXAS PROJECT

On December 30, Alstom Power, Inc. and Tri Global Energy, LLC entered into a turbine supply agreement under which Alstom will supply four ECO110 and 25 ECO122 wind turbines and provide 10 years of service and maintenance for the 80 MW Fiber Winds Energy project near Lorenzo and Ralls, Texas. This agreement, achieved prior to December 31, 2013 secures a "safe harbor" position on the Production Tax Credit (PTC) for Fiber Winds Energy.

Following a financial closing, construction of the project is expected to begin the middle of this year, with commercial operations scheduled to commence in 2015. Tri Global Energy recently acquired 100 percent ownership of Fiber Winds Energy and intends to be the plant operator, providing local employment and services, expanding upon the original Tri Global Energy business model as a community developer for local land-owners and investors.

ACCIONA RECEIVES 102 MW ORDER FOR NOVA SCOTIA PROJECT

Acciona has signed a contract to supply 34 turbines for a 102 MW wind farm in Nova Scotia. It will carry out the construction, internal electrical infrastructures and assembly and will also undertake the operation and maintenance of the facility.

The South Canoe wind farm—which will be the largest in the province—has been developed by three local companies: Oxford Frozen Foods, Minas Basin Pulp and Power, and the utility company Nova Scotia Power, to which the power generated will be sold. It will incorporate AW3000/116 turbines of Acciona Windpower technology, each with a capacity of 3 MW, hub height of 92m, and a rotor diameter of 116 metres.

The facility will supply electricity equivalent to the consumption of 32,000 homes and will help the province of Nova Scotia, on the eastern seaboard of Canada, to reach its renewable energy targets.

INTERNATIONAL ORDERS

VESTAS SIGNS TWO ORDERS FOR POWERICA PROJECTS IN INDIA

Vestas has secured two orders in India from Powerica Ltd., totalling 51.8 MW. Both orders include delivery, installation, and commissioning of 25 V100-2.0 MW and one V100-1.8 MW turbines. The orders will supply wind turbines for Powerica's Jangi and Charbara projects, both of which are located in Gujarat. Commissioning is expected in July for 21.8 MW and in March 2015 for 30 MW.

VESTAS RECEIVES 36 MW ORDER FROM JUWI WIND FOR GERMAN PROJECTS

Vestas will supply German wind developer juwi Wind with 12 turbines totaling 36 MW for three different projects in Germany. The contract comprises supply, installation and commissioning of the turbines, along with a SCADA solution and 15-year full-scope service agreement.

Vestas and juwi signed a framework agreement for 52 turbines in 2012 and today's order thus continues the positive cooperation between the two partners.

The 12 turbines will be deployed at three different projects in Germany in Göllheim, Niederhausen an der Appel and Alsenz this summer.

URUGUAYAN PROJECT CHOOSES VESTAS FOR 39 MW EXTENSION

Vengano S.A. has signed an agreement

for the extension of the Carape wind power plant in Uruguay using 13 Vestas V112-3.0 MW wind turbines. The wind turbines are scheduled to be delivered in the third quarter of this year, with commissioning set for the first quarter of 2015.

In September 2013, Fingano S.A. signed a contract for the first 50 MW order for the Carape wind power plant; and now Vengano S.A., owned by the same shareholders as Fingano S.A., has signed the contract for the extension of Carape wind power plant. Once installed, the complete Carape wind power plant will have an estimated annual production of more than 440,000 MWh, generating green electricity for 400,000 people in Uruguay, equal to about one third of the population of the city of Montevideo.

The 39 MW contract comprises delivery, installation and commissioning of the turbines, SCADA system, and 17-year service agreement.

VESTAS' V110-2.0 MW TO MAKE EUROPEAN DEBUT IN POLAND

SPV – Nowotna Farma Wiatrowa and its parent company Taiga Mistral have placed a 40 MW order with Vestas for the manufacturer's V110-2.0 MW model wind turbines, marking the first European order for that model. The order will supply the Ostazewo wind project—located in the Gdansk region of northern Poland. The contract includes delivery, installation, and commissioning of the turbines, which is expected to occur during the fourth quarter of 2014. The project also includes a 15-year comprehensive service package.

Vestas has received a total of 950 MW of orders for the V110-2.0 MW in the U.S. since introducing the turbine on the market last April.

VESTAS TO SUPPLY 117 MW FOR JORDAN'S FIRST UTILITY-SCALE WIND FARM

Vestas has received a 117 MW order for Jordan. The project consists of 38 V112-3.0 MW turbines which will be installed about 180 km south of Amman, in the Tafila region, Jordan. Delivery of the turbines will start in the second quarter of this year, and the plant is expected to be commissioned in the second quarter of 2015.

The order has been placed by Jordan Wind Project Company (JWPC), a company set up by InfraMed Infrastructure, Masdar and EP Global Energy (EPGE).

The contract for the Al Tafila wind power plant includes supply, installation and commissioning of the wind turbines, civil and electrical works, a VestasOn-line® Business SCADA solution as well as a 10-year custom-designed energy based service agreement for the entire wind power plant.

NORDEX EXTENDS DELTA OFFERING INTO TURKEY

In the fourth quarter of 2013, the Nordex Group has

HEADLINES

POLICY & ADVOCACY

American announces board and executive personnel changes

American Council On Renewable Energy (ACORE) has announced that Michael R. Brower has been appointed the new President and CEO of the organization. Brower served as the Interim President and CEO since July 29th, 2013.

Brower has been an ACORE member since 2002, a member of the Board of Directors, and is a long time Leadership Council member. Most recently, he served as Senior Federal Policy Director at Mosaic Federal Affairs, a wholly owned subsidiary of Hiscock and Barclay LLP, a New York law firm. Brower is a retired career Naval Officer and Aviator.

Throughout his career, Brower has been directly engaged in a wide-variety of renewable energy projects, including work in development, funding and finance, and operational deployments.

Additionally, ACORE recently announced four new Board of Directors members as a result of the annual election of Director. Dan Adler, (managing director, California Clean Energy Fund); Matt Cheney (CEO, CleanPath Ventures LLC); Michael Ware (founder, Advance Capital Markets, Inc.); and Kathleen Weiss (vice president of federal government affairs with First Solar) now fill the vacancies.

Shermco renews top-tier AWEA sponsorship

Shermco Industries, an industry leader in electrical power system maintenance, repair, testing and training, announced it will provide a 2014 Megawatt-Sponsorship of AWEA.

"Shermco has been a committed AWEA sponsor for many years, and views its sponsorship as a commitment to the advancement of the wind energy industry especially as the water supply crisis worsens in the heartland of America," said Kevin Alewine, director of renewable energy services for Shermco Industries.

As a Megawatt Sponsor, Shermco supports AWEA workshops, conferences and exhibitions across North America that educate corporations and professionals associated with wind energy generation about significant operational, economic and energy issues.

"We support AWEA because it is the premier organization for the expansion of wind energy, a crucial lynchpin to economical, independent and sustainable energy in North America and around the world," said Alewine. "We are proud to support this fine organization again this year."

PROJECT NEWS

NORTH AMERICA

EDF RE acquires 300 MW Roosevelt Wind Project

EDF Renewable Energy has acquired Roosevelt Wind Project, LLC from Infinity Wind Power. The up to 300 MW project is expected to achieve commercial operation in December 2015.

The project encompasses approximately 62,000 acres of farmland within Roosevelt County, New Mexico—roughly 18 miles southwest of Portales. Southwestern Public Service Company (SPS), a subsidiary of Xcel Energy, will purchase the electricity generated by the 250 MW first phase of the project, pursuant to a 20-year, fixed-price power purchase agreement.

Marubeni Corporation, EDF RE partner for California project

EDF Renewable Energy and Marubeni Corporation recently announced that a subsidiary of Marubeni acquired a 90 percent economic interest in the 102.5 MW Shiloh IV Wind Project.

The Shiloh IV Wind Project, located in Solano County California, commenced operations in December 2012 and supplies carbon-free electricity into the CAISO transmission system under a 25-year power purchase agreement with Pacific Gas and Electric. Consisting of 50 REpower MM92 turbines, Shiloh IV generates clean electricity sufficient to supply approximately 40,000 average homes.

EDF Renewable Energy will retain a 10 percent stake in the project. Its affiliate EDF Renewable Services will continue to provide operations and maintenance services. Marubeni will participate in asset management roles working with EDF Renewable Energy in the administration of the project.

been awarded three new contracts for a combined capacity of 37.6 MW in Turkey. Included in these are the first six N117/3000 generation Delta turbines for this growth market. The second contract also marks a new development as it is the first time that a customer from Turkey has ordered four N117/2400 light wind turbines.

This summer, Nordex will be supplying six of its N117/3000 turbines for the 18-MW Cesme RES project, which is located on a peninsular close to Izmir. Nordex only launched the N117/3000 in spring 2013. This turbine is specifically designed for medium-strong wind conditions and will achieve an above-average capacity factor of over 38% at Cesme RES. The customer and future owner of the wind farm is ABK Cesme Enerji Üretim A.S., which is already active in renewable energies.

Named Aliaga RES, the second project is also located in the Izmir region and comprises four N117/2400 turbines. Construction is scheduled for summer 2014.

In addition, returning customer Karesi Enerji has placed an order with Nordex for four N100/2500 turbines to extend the 45-MW Akres wind farm. Installed by Nordex in 2011, the farm currently has 18 N90/2500 turbines.

NORDEX RECEIVES ORDER FOR COASTAL WIND FARM IN FINLAND

Nordex SE received a contract from wpd europe GmbH for the delivery and installation of eleven turbines for the Mäkikangas wind farm.

The Mäkikangas wind farm is being built on the west coast of Finland close to the town of Pyhäjoki at a site with an annual average wind speed of approx. 8 meters per second. For this reason, N117/3000 Generation Delta turbines will be used and installed by Nordex during this year. The wind turbines have a hub height of 141 meters in order to generate

the greatest possible electricity yield. The eleven turbines at the Mäkikangas wind farm will generate an annual yield sufficient to supply 24,000 homes.

In another order from Finland, Nordex has signed supply and maintenance contracts for a 27-MW wind farm with specialist investor Impax Asset Management. The “Joukhaiselkä” project will comprise nine N117/3000 turbines from the Delta series. Launched at the beginning of 2013, this series is specifically designed for locations with medium wind speeds.

Nordex will be installing the turbines at the “Joukhaiselkä” wind farm in Lapland near the town of Sodankylä in 2014. Given the cold weather conditions, Impax has also opted to have the turbines fitted with the Nordex anti-icing system, which prevents ice from forming on the rotor blades, thus ensuring optimum energy production during the winter months.

ACCIONA AWARDED 57 MW CONTRACT IN TURKEY

Acciona Windpower has been awarded the supply and assembly of the 57 MW Çerçikaya wind farm in Turkey, owned by the company ZT Enerji Elektrik Üretim Sanayi ve Ticaret A.Ş. (Zafer Group). The contract includes the operation and maintenance of the installation for 10 years.

The wind farm, located in Hatay province in the south of the country, will be equipped with nineteen AW125/3000 turbines. These machines have a rotor diameter of 125 meters and will be mounted on 87.5-meter-high steel towers. This wind turbine is specially designed for sites with low wind speeds.

Supplies will be made in 2014 and 2015, and the entry into service of the wind farm is planned for the end of February 2015.

It is the first contract awarded to ACCIONA Windpower in Turkey.

EDF RE acquires two Texas projects totaling 394 MW

EDF Renewable Energy has announced the acquisition of the 194 MW Spinning Spur 3 Wind Project from Cielo Wind Power LP (Cielo).

Spinning Spur 3 is located on approximately 18,000 acres in Oldham County, Texas, roughly 50 miles west of Amarillo. The project expects commercial operation by the end of 2015.

Electricity generated from the Spinning Spur 3 Wind Project will be provided to two municipal utilities, Georgetown Utility Systems and Garland Power & Light, under long-term power purchase agreements.

Additionally, EDF RE has acquired the Longhorn North Wind Project, located in Floyd and Briscoe counties, 60 miles north-east of Lubbock, Texas, from RES Americas. RES Americas will construct Longhorn, its 18th renewable energy project in Texas, under a Balance of Plant (BOP) agreement. Construction on the 200 MW project commenced in time to qualify it for the production tax credit, with an expected completion date at the end of 2015.

Both projects will utilize the CREZ (Competitive Renewable Energy Zone) transmission lines to connect the wind generating capacity of the Texas Panhandle to high electricity demand areas in the state.

BayWa r.e. acquires its second New Mexico wind project

BayWa r.e. Wind, LLC has announced that it has signed a purchase and sale agreement with Compass Energies to acquire the Anderson Wind Project located in Chaves County, New Mexico. The Anderson Wind Project is BayWa r.e.'s second New Mexico wind acquisition in 2013. The 15 MW project is located approximately 100 miles southwest of BayWa r.e.'s 19.8 MW Brahms Wind Project in Curry County, acquired in July 2013.

Construction of the Brahms Wind Project began at the end of September, with commercial operation expected early this year. The Anderson project is expected to begin construction in Spring 2014 with a targeted late summer completion date.

Element Power to sell 200 MW to KCP&L Greater Missouri Operations

Element Power US, LLC, owner and developer of the Mill Creek Wind Farm, and KCP&L Greater Missouri Operations have entered into a power purchase agreement for a 200 MW wind energy facility to be built in Holt County, Missouri. The 200 MW project, once operational, will be the largest in the state of Missouri.

Element Power continues to work with local, state, and federal entities on regulatory and environmental reviews. The project currently has approximately 25,000 acres under lease with over 100 landowner partners. Element Power anticipates commencement of construction in Q3 2014, with expected commercial operation achieved by the end of December 2015.

ACCIONA TO SUPPLY 93 MW OF WIND POWER FOR BRAZIL

Acciona has secured a turbine supply agreement for Brazilian wind farms. The agreement, signed with a joint venture between Voltalia, CHESF and Encalso, covers 31 wind turbines of 3 MW each - the AW 116/3000 and AW 125/3000 models - for wind farms located in North East Brazil.

In addition to the turbine supply contracts, the operation and maintenance of the wind farms has been contracted for a period of 15 years. To date Acciona Windpower has supplied, or has orders for 423 MW in Brazil.

QUEIROZ GALVÃO TAPS ALSTOM TO SUPPLY 400 MW FOR TWO BRAZILIAN WIND FARMS

Alstom has signed two contracts totaling around €400 million with Queiroz Galvão, one of the main infrastructure groups in Brazil, to deliver, erect and commission ECO 122 wind turbines at two large wind farms—Caldeirão Grande I and II, both located in the state of Piauí State, Northeast of Brazil.

The wind farms Caldeirão Grande I and II will generate 400MW; this amount of energy can bring electricity to around 600,000 people. The ECO 122 wind turbines will be produced at Alstom manufacturing unit in Camaçari (Bahia State) and will be delivered between 2015 and 2017.

Alstom has already signed contracts to install over 1,700 MW of wind power capacity in Brazil, making it one of the leaders in the Brazilian wind power market.

OFFSHORE

VESTAS RECEIVES 50 MW ORDER FOR UK OFFSHORE WIND PROJECT

Vestas will supply 15 V112-3.3 MW offshore turbines for the Kentish Flats Extension off the coast of the UK. Kentish Flats, owned by Vattenfall, was installed by Vestas in 2005. It currently consists of 30 V90-3.0 MW turbines, which Vestas services.

The order—with a total capacity of 50 MW—includes supply, installation, and commissioning of the wind turbines as well as a five-year AOM 5000 service agreement.

The Kentish Flats Extension is located approximately 10 km north off Herne Bay and Whitstable in Kent. The construction of the project will begin mid-2015. The existing wind farm and the extension will combined be capable of generating between 350,000 MWh and just over 430,000 MWh of clean electricity every year, which is equivalent to the total annual electricity needs of between 82,000 to 96,000 UK households. ↵

SITE-BASED TURBINES TO SUPPLY HONDA PLANT WITH 10 PERCENT OF ITS POWER

Ohio transmission plant sets wind power standard among major U.S. auto facilities

Honda Transmission Mfg. of America, Inc. has finalized installation of a site-based wind power project at its plant in Russells Point, Ohio, through an agreement with a subsidiary of ConEdison Solutions of Valhalla, NY.

The installation of the turbines means that the plant will be the first major automotive manufacturing facility in the United States to obtain a substantial amount of its electricity directly from wind turbines located on its property. Honda Transmission will also reduce CO2 emissions through the use of this renewable energy source.

Studies commissioned by Honda Transmission indicate that wind-generated power is a cost-effective source of electricity for the plant and that the project will not adversely impact local wildlife or the environment. The two wind turbines will supply approximately 10 percent of the plant's electricity. Based on their location and actual wind speeds, combined output from the two wind turbines is estimated at 10,000 MWh per year.

The decision to go forward with the project followed completion of a thorough evaluation of renewable energy sources for the plant, which Honda announced in February 2012. The turbines, with blades approximately 160 feet long, have been installed on 260-foot towers on Honda Transmission property.

"We appreciate the support we have received from the township and our neighbors throughout all phases of the

project that will help Honda work toward our goal of reducing CO2 emissions," said Gary Hand, vice president of Honda Transmission. "This is just one of many ways that Honda is seeking to reduce our environmental footprint."

"We are proud to be helping Honda strengthen its status as a national leader in sustainability," said Jorge Lopez, CEO of ConEdison Solutions. "Through the example set by Honda, the American manufacturing sector will see more ways it can incorporate renewable power into its facilities."

ConEdison Solutions, one of America's largest energy services companies, will own and operate the two turbines, through its subsidiary, RP Wind, LLC. The company is working in collaboration with Juhl Energy of Pipestone, Minnesota, which served as the primary developer of the project. Through agreements with Honda Transmission, ConEdison Solutions will generate electricity for the plant, and be responsible for an interconnect agreement with the Logan County Electric Cooperative and an additional agreement with Buckeye Power, Inc., an Ohio electric cooperative.

"We are honored to work with Honda and ConEdison Solutions to provide wind energy at the Russells Point facility," said Corey Juhl, vice president of project development for Juhl Energy. "By assisting in the installation of these two wind turbines next to their manufacturing facility, Honda is making tangible and immediate progress towards reducing CO2 emissions."

Invenergy completes project financing for Texas project

Invenergy Wind LLC has announced that it has arranged project debt and tax equity financing for its 288.6 MW Miami Wind Energy Center—currently under construction in northern Texas.

Morgan Stanley & Co. arranged the project debt, including a construction loan and a term loan commitment. Tax equity commitments also were secured from several financial institutions. Financial details were not disclosed.

Miami is located in the Texas Panhandle, approximately eighty miles northeast of Amarillo in Roberts, Hemphill, Gray, and Wheeler Counties. Commercial operations are scheduled to begin in the third quarter of this year.

Additionally, Invenergy announced the successful refinancing of its 100.5 MW Beech Ridge Energy wind project in Greenbrier County, West Virginia. CoBank, ACB acted as the Mandated Lead Arranger and Administrative Agent for the transaction.

Beech Ridge, which began commercial operations in 2010, is located approximately sixty miles southeast of the City of Charleston. The facility features 67 GE 1.5 MW SLE wind turbines, and is operated and maintained by Invenergy Services LLC, an affiliate of Invenergy. The project's output is sold to Appalachian Power Co., a subsidiary of American Electric Power, under a long-term power purchase agreement.

Iberdrola expands capacity at wind farm in Mexico

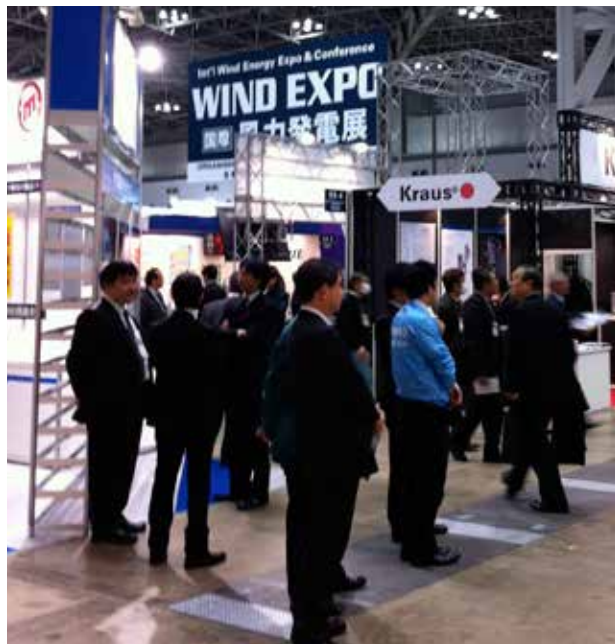
Iberdrola has extended by 22 MW the capacity of its La Ventosa wind power complex, one of its most emblematic renewable facilities in the Americas, taking it up to 102 MW.

To this end, it has installed on the site 11 state-of-the-art Gamesa G80 wind turbines, each with 2 MW unit capacity and standing 78 meters tall.

This extension means that La Ventosa can now supply electricity to over 190,000 Mexican households each year. The project, executed by Iberdrola's engineering and construction subsidiary, has also entailed the upgrade of the wind farm's grid connection and the 230 kV transmission line owned by the Federal Commission for Electricity (CFE).

An average of 250 construction jobs was created by the extension works. La Ventosa also provides a steady income for over 150 local families and land owners.

JAPANESE WIND ENERGY SEEKS TO CAPITALIZE ON FAVORABLE MARKET CONDITIONS LEADING INTO SECOND ANNUAL WIND EXPO 2014



Fostering growth of the Japanese wind energy industry is the ultimate drive behind the second annual WIND EXPO—Japan's only trade show dedicated to wind energy. The three-day event is being presented in conjunction with seven other smart/renewable energy exhibitions as part of World Smart Energy Week on February 26-28 at Tokyo Big Sight in Tokyo, Japan.

The newly implemented feed-in tariff has made Japan one of the most attractive markets for renewable energy. As an organizer of World Smart Energy Week (A group of eight smart/renewable energy trade shows, Reed Exhibitions Japan had received requests from numerous industry leaders, organizations, associations, governmental bodies and show participants to launch an exhibition specialized in wind energy.

To live up to the expectation of the industry, Reed Exhibitions Japan launched WIND EXPO in February 2013 as a new business platform in Japan with the support of Japan Wind Power Association (JWPA). The first edition was held with 157 exhibitors and 76,328 professional delegates (including concurrent event attendance) and following up to the success of 2013, WIND EXPO 2014 will be a show not to be missed for those who are looking to invest in the market.

As Izumi Ushiyama, president of Ashikaga Institute of Technology mentioned at the previous show, hopes are high for the future of wind energy in Japan, as well as for WIND EXPO.

“Energy policy has been changed, and the importance of wind power as well as other renewables has been increasing in Japan after the earthquake,” Ushiyama said. “From its huge potential and low cost of power generation, Japanese government regards wind power as a leader in the future renewables, and rapid growth is expected in near future. With this circumstance, I believe WIND EXPO will continue to draw attention worldwide.”

As though to reflect Ushiyama's predictions, WIND EXPO 2014 will be held with more players from both the local and international market making it an even richer venue to find business connections in Japan.

For instance, as well as continual participation of major wind turbine components and equipment manufacturers, in 2014 more offshore related exhibitors such as floating foundation manufacturers, marine cable manufacturers etc. will be showcasing their latest products and technologies.

The show will also see increase in the involvement of firms from overseas. In addition to the Denmark pavilion from the 2013 show, there will be new international pavilions from the UK and Canada, among others.

Major wind turbine manufacturers such as Mitsubishi Heavy Industries, Hitachi, ENERCON, TECO, Eurus Energy, Zephyr have already confirmed their participation.

As many as 170 exhibitors and 80,000 visitors (including concurrent events) are expected at WIND EXPO 2014, including visitors from Japan and all over the world.

In addition to finding the latest high-quality Japanese products/technologies and new business leads in Japan, WIND EXPO will also be a venue to make connections with top experts in the front line of the business.

Wind energy experts from major industry companies are serving as technical conference advisory committee members to create a world class conference. Experts will be sharing the latest, cutting-edge information at the technical conference.

Conference topics range from industry outlook, to policy hurdles, to global markets.

Full conference details are available online at www.windexpo.jp/en/seminar/. (Conference details subject to change)

WIND EXPO 2014 – 2nd Int'l Wind Energy Expo & Conference

Dates: February 26 – 28, 2014

Time: 10 a.m.–6 p.m. local time (10 a.m.–5 p.m. on February 28)

Venue: Tokyo Big Sight (Tokyo International Exhibition Center)

Website: www.windexpo.jp/en/

Exhibiting inquires: wind@reedexpo.co.jp

Visiting inquiries: visitor-eng.wind@reedexpo.co.jp

EWEA EVENT TO FOCUS ON LONG-TERM STRATEGY, EDUCATION, AND NETWORKING



Wind energy personnel from across the globe will descend on Barcelona next month for Europe's premier wind energy event. Organized and hosted annually by the European Wind Energy Association, the event provides a periodic opportunity for the wind energy sector to meet with decision-makers and define the strategic direction for wind energy activities in Europe.

During the four-day event—to be held March 10-13 at Fira de Barcelona Gran Via, in Barcelona, Spain—participants will have numerous opportunities to learn about and discuss the current state of wind power in the European Union; to view and gather information about the industry's most advanced products and services; and to share and expand their own knowledge about the industry—on both regional and global scales. On a vocational level, the Annual Event fosters unity and collaboration through vast business networking opportunities.

The event's comprehensive conference program not only delivers cutting-edge technological knowledge, but also lively debates on European policy, markets, and financial issues.

Although the event is geographically aligned with the European region, event organizers are determined not to ignore the global nature of the wind energy industry. The global marketplace is becoming increasingly crowded with new players. To that end, each year EWEA brings together over 60 nationalities from across the world, making the event truly international and a great place to find new suppliers, check out new developments, and build partnerships.

While the majority of business networking is likely to occur in the context of the conference and exhibition themselves, the Association purposefully selects a different host city for each year's event, with the intent of providing a relaxed environment conducive to building business relationships. With a long-standing reputation for producing fruitful networking events in amazing surroundings, Barcelona will not disappoint.

The conference segment of the Annual Event will open with plenary sessions in which decision makers—from national governments as well as from European and international institutions—will describe how they see the present situation of the energy sector and the solutions they are putting in place to ensure that targets are met.

The conference program is subdivided into four academic tracks: "Business and Policy in Europe and Beyond," "Hardware Technology," "Resource Assessment," and "Science & Research." Each track consists of six to eight narrowly focused sessions which cover a specific topic related to the track discipline.

More details about the EWEA 2014 Annual Event, including online registration, exhibition floor plan, full conference program, exhibition guidelines, sponsorship opportunities, and much more can be found online at the EWEA 2014 Annual Event website at www.ewea.org/annual2014.

INTERNATIONAL

Gamesa sells a 25.5 MW wind farm in Greece to Eren

Gamesa has closed the sale of its 86 percent stake of a 25.5 MW wind farm in Greece to EMV, a Greek subsidiary of Eren. The Kithaironas wind farm—developed and promoted by Gamesa—is located in Thivas, in the region of Viotia, and comprises 30 Gamesa G52-850 kW wind turbines. Through this operation, Eren is further developing its presence in Greece where it owns 35 MW of solar and wind farms, as well as several hundred megawatts of wind projects currently under development.

ACCIONA sells 150 MW German wind portfolio to Swisspower Renewables

Acciona Energía has signed a sale agreement with Swisspower Renewables AG over the totality of 18 operating wind farms located in Lower Saxony and Brandenburg in Germany, with a total attributable capacity of 150.3 MW.

The transaction's consideration amounts to 157 million euros with a net financial debt of 85 million euros. The terms of the transaction imply a valuation of 1.04 million euros per MW, an EBITDA 2013E multiple of 10.2 times and an energy index of 0.67. The 18 wind farms located in Germany, 100 percent property of Acciona, have been grid connected progressively since 2002 until 2009 and they have a weighted average life of 8 years. Out of the total, 19.8 MW are located in Lower Saxony and the other 130.5 MW in Brandenburg. The portfolio consists of 85 installed wind turbines.

This transaction constitutes the second divestment of the Energía division this year since the Acciona group announced last March an action plan rotating its non-core assets, together with other corrective actions aimed to obtain cost reduction and efficiency improvements.