

CONSTRUCTION

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GAMESA CONCLUDES TURNKEY CONSTRUCTION OF ITS FIRST WIND FARM IN CHILE

Gamesa has concluded turnkey construction of its first wind farm in Chile — the 36 MW San Pedro Chiloé wind farm — for the local company Transantartic. The project is located on Chiloé Island, in the southern part of the country.

The successful commissioning of its first project in Chile marks the establishment of Gamesa's commercial presence in a wind market with great potential; according to

the most recent wind report by Navigant's BTM Consult, Chile had 413 MW cumulative installed by the end of 2013 and, supported by high energy demand, is expected to reach 1.5 gigawatts cumulative installed by 2018.

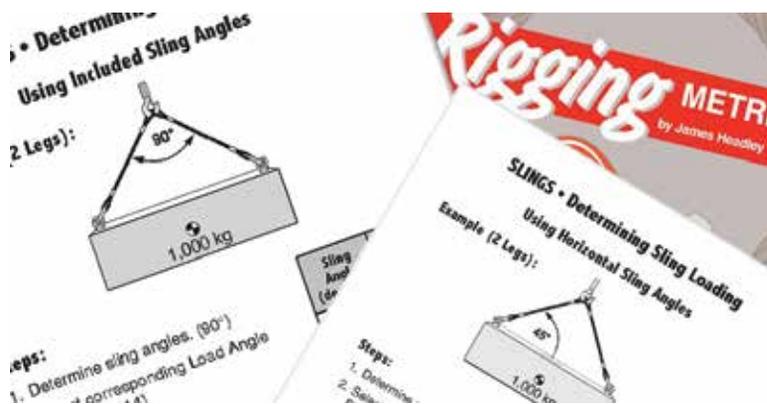
The wind farm features 18 Gamesa G90-2.0 MW wind turbines. Construction for the project began in January 2013 and included the development of all necessary civil

works and infrastructure for the project, including more than 20 kilometers of roadway, an electrical substation, a 25-kilometer high-voltage transmission line and a bridge. As part of the project, Gamesa will provide comprehensive Operations and Maintenance (O&M) services for the wind farm for a period of 12 years.

— Source: Gamesa

PRODUCTS

RIGGING HANDBOOK NOW WITH METRIC REFERENCES



Crane Institute of America announces the availability of the newest edition of the industry's favorite rigging handbook. *Rigging*, by James Headley, has been converted from imperial to metric. Providing practical information and great illustrations,

the *Rigging Metric* handbook contains the latest information on wire rope, rigging hardware, and slings, including capacity tables and charts.

"For years, the handbook *Rigging* has been popular outside the United States for use in training,"

said Jim Headley, President of Crane Institute of America. "Customers in Canada, South America, Europe, Australia, and the Middle East have been asking for a metric version of the book."

Along with the rated capacity tables of slings and rigging hardware, the book covers how to calculate load weight, how to calculate sling loading, and proper load handling techniques. The information is applicable to rigging operations no matter where you are in the world. By offering two versions of the books, trainers and students now have a resource that improves communication, understanding, and safety.

For more information, or to order the handbook, visit Crane Institute's Online Store at www.craneinstitute.com.

NORDEX TO BUILD 37.5 MW ORLA WIND FARM IN POLAND

Contract awarded for first phase of construction with operation slated for 2015

Wind turbine manufacturer Nordex has been awarded a contract for the delivery and installation of nine turbines from its N100/2500 series. This constitutes the first construction phase of the 37.5 MW “Orla” wind farm, which will comprise a total of 15 N100/2500 wind turbines as cold climate version. The turbines which have now been ordered are to go into operation as early as in December 2014, with the other six to follow by mid next year.

The Orla project was initiated in 2008 and developed since by the project development

arm of Nordex. “This is going to be the first realization from our pipeline of own developed projects in Poland. It is a good illustration of how Nordex can provide more value to the market with quality projects,” said Lars Bondo Krogsgaard, a member of Nordex SE’s Management Board.

The client is the project company “C&C Wind” owned by international private-equity investors and an independent power producer. The project finance has largely been provided by the European Bank for Reconstruction and Development (EBRD).

Located in the eastern part

of Poland, the wind farm is to generate an annual energy yield of up to 100 GWh, resulting in a capacity factor of an above-average 33 percent. At the same time, it will avoid emissions of around 57,000 tons of carbon dioxide, which would otherwise arise from thermal power stations. Under the targets set by the European Union, Poland has undertaken to roughly double the proportion of renewable energies in its national energy balance to 20 percent by 2021.

— Source: Nordex

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