Weather Central to Unveil Wind Power Yield Forecast Solution at EWEA 2012

*Takes Aim at $500 Million Cost to Wind Industry of Poor Forecasts; New Prediction Models, Advanced Neural Networks and Sophisticated Machine Learning Help Maximize Returns from Wind Parks*

Copenhagen, Denmark and Madison, Wisconsin (PRWEB) April 15, 2012 -- Weather Central, LP, today announced that it will reveal the company’s next generation Wind Power Yield Forecast (YIELD FORECAST) at EWEA 2012 in Copenhagen, Booth C3-C58. In addition to the system’s first public showing, Weather Central has announced that the YIELD FORECAST system has begun testing at the Madison Gas and Electric “Top of Iowa” wind park, as well as at parks in Europe. Testing at sites in Asia will begin soon.

Weather Central YIELD FORECAST will provide wind park operators and utilities with more accurate, actionable predictions for the power output from a wind park for the following 24-48 hours to help them extract the maximum value from the wind-generated power. YIELD FORECAST specifically addresses the need for operators to predict their output on a day-ahead basis and to prepare responses to real-time fluctuations in output. Globally, poor forecasts are estimated to cost wind operators in excess $500 million (U.S.) due to: having to sell excess power at low or negative prices, being forced by shortfalls to buy energy from other sources in the real-time market in order to meet commitments, and having to pay penalties and tariffs imposed on them for inaccurate yield forecasting.

“Accurate forecasting and planning is essential to the financial success of wind parks,” said Steve Smedberg, Weather Central senior vice president for enterprise. “Weather Central Wind Power Yield Forecast brings to bear the most sophisticated combination of proprietary forecasting experience, precise high resolution data, customized prediction models and computing technology ever assembled to address this requirement and provide greater return to wind park owners and operators.”

YIELD FORECAST is unique because it is the only solution for the wind energy industry where a single company controls the entire forecast chain. This provides Weather Central with unmatched flexibility to optimize the forecast not just for each wind park, but actually at the level of individual turbines for peak precision. The Weather Central YIELD FORECAST solution combines on-site data feedback and input from the customer with proprietary Weather Central technologies including:
- MicroCast™ numerical weather prediction model
- Advanced neural network and other statistical analysis
- DataCloud™ data serving technology
- Interactive map-based visualization tools

For a complete look at Weather Central’s solutions visit [http://www.wxc.com/windenergy.html](http://www.wxc.com/windenergy.html).

About Weather Central, LP
Weather Central, LP, founded in 1974 by broadcasters and meteorologists based in Madison, Wisconsin, is the leading provider of professional on-air, online, print, mobile and enterprise weather solutions and forecasting to major customers worldwide. Utilizing the Company’s dynamic weather graphics, precise forecast models and data, and patented technology, more than 1000 partners and hundreds of millions of consumers worldwide benefit from Weather Central’s attention to weather presentation, detail and insight.
If you have any questions regarding information in these press releases please contact the company listed in the press release. Our complete disclaimer appears here - PRWeb ebooks - Another online visibility tool from PRWeb.
Contact Information
Evan Sirof
MarComm-On-Call, Inc.
845-883-2109

Online Web 2.0 Version
You can read the online version of this press release here.