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SECOND WIND INTRODUCES PV-1 WIND VANE

Enhanced Design Captures More Data, Resists Icing

Somerville, MA – Meteorologists and wind prospectors can measure wind direction more accurately under more conditions with a new wind vane introduced by Second Wind.

The PV-1 Wind Vane is a continuous rotation sensor that uses a potentiometer to record wind direction on a Nomad 2 Data Logger or a similar data logging device. It is designed to offer a superior alternative to the most commonly used vane for wind resource assessment. Key improvements include:

- *Smaller deadband* – The PV-1 has a typical deadband (gap in the resistor when data is unable to be collected) that is 25 percent smaller than competing products – five degree maximum, three degree typical, which allows for greater accuracy.
- *Icing prevention* – In previous wind vane models, water often collected into a groove and froze, causing the sensor to provide incorrect readings. Second Wind's exclusive anti-icing design allows for a more worry-free and reliable performance.
- *Static electricity reduction* – The PV-1 wind vane body is made from conductive plastic material designed to dissipate static electricity to the metal support structure. A specially designed ground bracket expands the surface area contact with both the mount and the vane body.

The PV-1 also features simple mechanical construction from corrosion-resistant materials, no set screws to vibrate loose, a lifespan of 50 million revolutions and multiple mechanical and contact seals. It is designed with materials that are RoHS-compliant, involving no toxic metals.

Last November, the company introduced another sensor for wind resource assessment. The Model C3 Anemometer – an improved version of the popular 3-cup design – is available in calibrated or uncalibrated versions. It was designed for durability and reliability and provides the industry with an alternate source for anemometry. At WINDPOWER 2008, Second Wind announced availability of a Measnet version of the C3. Measnet, the Measuring Network of Wind Energy Institutes, is an international cooperative that serves the wind energy industry by working to ensure high-quality measurements, uniform interpretation of standards and interchangeable results.

Second Wind President Walter Sass explained that in 1986 his company developed the product that became the 200P Wind Vane, which has been accepted as the primary choice for wind energy prospecting.

“As the wind energy industry grows, we think customers deserve a wider choice of sensors for conducting wind assessment,” Sass said. “With the PV-1, we’ve taken a fresh look at the design and established several advancements that will allow people to gather more accurate readings.”

To ensure the highest standards of quality, each PV-1 Wind Vane – as well as the C3 Anemometer made by Second Wind – is tested at the factory and visually inspected before shipping. The PV-1 is available for shipping now at a price of \$205. For more information, visit www.secondwind.com.

About Second Wind Inc.

Founded in 1980, Second Wind Inc. advances the use of wind data to make wind energy more profitable for owners, painless for operators and practical for consumers. Key products include: Nomad[®] data logger and tower systems; Triton[®] sodar systems; SkyServe[®] satellite wind data service and Phaser[®] power transducers. Second Wind is headquartered in Somerville, Massachusetts, USA, and is privately held. For more information on the Triton sonic wind profiler or SkyServe satellite wind data service and Second Wind’s other products, visit www.secondwind.com.