

## Southwest Windpower Skystream 3.7

**WEB SITE**

[www.windenergy.com](http://www.windenergy.com)

**WHERE IT'S MADE**

Flagstaff, Ariz.

**POTENTIAL LEED CREDITS**

Energy and Atmosphere 2



In the United States, wind power has been relegated to windswept ranches and valleys for years, with a few exceptions. Now, Southwest Windpower is aiming to bring small-scale wind energy projects into the residential market.

The Skystream 3.7 is a 1.8-kilowatt wind energy generator, a simple plug-and-play design that produces socket-ready power. The generator is the first of its kind designed to be manufactured in high volume, according to the company.

The generator begins producing power at low wind speeds (about 8 miles per hour) and reaches full power output at 20 miles per hour. While there are few projects on the ground to back up the company's numbers, many judges expressed interest in experimenting with the technology's potential.

"Southwest Windpower has been in wind for many, many years, and they're concerned with producing electricity — not just making wind machines,"



one judge said. To that end, Southwest Windpower recommends the generator be used by landowners with at least one acre of property, and at least 20 feet of height above nearby objects that could block the wind or create turbulence. While unobstructed space requirements might be fine for builders and homeowners in the suburbs, urban projects could face challenges in reaching peak energy production.

Several projects throughout the United States are testing the Skystream in diverse environments, and more detailed performance numbers from the projects are likely to become available during 2008.

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