SKYSTREAM 3.7®

www.skystreamenergy.com

Introduction – Skystream 3.7

The first small wind generator designed specifically for utility-connected residential and commercial use, Southwest Windpower's Skystream 3.7® helps consumers harness the power of the wind and take control of their energy bills like never before. In addition to residential applications, Skystream 3.7 has become increasingly popular in the commercial sector.

Specifically for Grid-Connectivity

Skystream 3.7 is specifically designed for utility-connected use including homes, businesses and the public sector. In certain states consumers can take advantage of "net-metering", by selling back unused energy to their utility company.

Low Cost

Skystream 3.7 costs approximately $12,000 to $18,000 to purchase and install, although costs vary significantly depending on site specifics. Depending on the tower and installation costs, wind speed average, rebates and local electricity costs, the Skystream 3.7 can pay for itself in as little as five years. On Oct. 3, 2008, the Emergency Economic Stabilization Act of 2008, H.R. 1424 was passed which included a new federal-level investment tax credit for qualified small wind turbines. The new tax credit will give up to $4,000 to consumers who purchase Southwest Windpower's Skystream 3.7.

All-in-One Solution

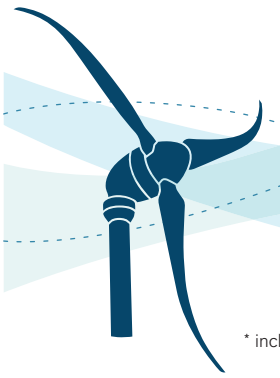
Skystream 3.7 offers a simple, all-in-one solution to harnessing wind energy which can benefit residential consumers, businesses and the public sector. Different from all other technologies, Skystream 3.7 is the first all-inclusive wind generator with built-in controls and inverter.

Energy Production in Exceptionally Low Wind

Designed to produce energy in very low winds, Skystream 3.7 begins producing power in an 8 mph (3.5 m/s) breeze with full output achieved at 29 mph (13 m/s). Early adopters are reporting up to 50 percent savings on their energy bills.

Low Profile

Southwest Windpower provides towers ranging from 33.5 feet to 60 feet (10 to 18 m) making it accessible for a wide range of communities and uses. Towers up to 110 feet (33.5 m) are also available. A site assessment is important to determine the best tower height for individual sites.



* includes a 5 year warranty

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Quiet Operation

Skystream 3.7 is exceptionally quiet. In fact, Skystream's sound is unrecognizable over trees blowing in the wind. The sound pressure level generated by Skystream is in the range of 40-50 decibels which is quieter than background noise in a home or office.

Award-Winning Technology

Skystream 3.7 was named a 2007 Top 10 Green Building Product by Sustainable Industries, a magazine for green business leaders. Skystream 3.7 was also awarded a 2006 Best of What's New award from the editors of Popular Science and was included in TIME magazine's 2006 Best Inventions.

Skystream 3.7® Frequently Asked Questions

What is Skystream 3.7?

Skystream 3.7, developed by Southwest Windpower in collaboration with the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) is the newest generation in small wind technology for residential and commercial applications. Skystream 3.7 has a 2.4 kW rating and is the first fully integrated small wind generator specifically designed for the utility-connected market. Skystream 3.7 is designed for homeowners and businesses looking to reduce or eliminate their monthly electric bills. Skystream 3.7 is a down-wind (wind hits the blades on the downwind side of the tower), direct drive (gearless or no transmission), permanent magnet wind generator. Skystream 3.7 uses an innovative 12 foot (3.7 m) rotor and produces approximately 400 kWh per month in a 12 mph (5.4 m/s) wind. The initial prototype has been operating at the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) in Colorado for almost four years and has undergone extensive performance, reliability and duration testing in accordance with internationally accepted testing standards. Early adopters are reporting up to 50 percent savings on their energy bills.

What will it cost and how long will it take to pay for itself?

Installed, the Skystream 3.7, costs approximately $12,000 to $18,000 in the United States, depending on tower height and installation expenses. Price includes the generator, operation controls and inverter. Skystream 3.7 has tower height options available to accommodate a location's wind resource. Skystream 3.7 is capable of producing energy at a fraction of the cost of other small wind, solar photovoltaics or reciprocating engine technology. This is an accessible solution for the homeowner or business looking to reduce energy costs. Depending on the installed price, average wind speed, local cost of electricity and state and federal rebates, Skystream 3.7 can pay for itself in as little as five years. In fact, a U.S. federal-level tax credit was just passed that will give up to $4,000 to consumers who purchase Southwest Windpower's Skystream 3.7.

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What makes this product unique?

Skystream 3.7 is the first all-inclusive wind generator with built-in controls and inverter. Skystream 3.7 was designed to produce energy in very low winds, reaching rated power at just over 23 mph (10 m/s). Early adopters are reporting up to 50 percent savings on their energy bill. In addition to innovative technology, Southwest Windpower invested heavily in tooling to reduce component cost. Doing so makes it possible to sell Skystream 3.7 at a very low price. Its full 2,400 watts is achieved at 29 mph (13 m/s) with a maximum rotor speed of 325 RPM. Because of the exceptionally low RPM, the machine operates nearly sound free. Skystream 3.7 can be installed on a range of tower heights from 35 feet to 110 feet (10 to 30 m). The optional 35 foot (10 m) freestanding (no guy wire) tower looks much like a standard light pole.

A visually aesthetic shape played a key role in the design to show that a wind generator is not only a clean source of energy but pleasing to the eye.

Where can this system be purchased?

Skystream 3.7 is distributed through Southwest Windpower's expanding dealer network in the United States, Europe and across the globe. Please visit our website www.skystreamenergy.com to locate your closest distributor.

Who can install this system?

Southwest Windpower recommends installing Skystream 3.7 at sites with the following criteria:

- Adequate wind resource: Minimum average wind speed for Skystream 3.7 is 10 mph (4.5 m/s). Ideal sites have 12 mph (5.4 m/s) average wind or greater.
- Site free from obstructions: Clean, unobstructed wind is best for Skystream 3.7. The top of the tower should be a minimum of 20 feet (6.5 m) above any surrounding object within a 250 foot (76 m) radius. Although the machine can be installed on smaller lots of land, properties of one acre or more are typically ideal as they will more likely have unobstructed wind.
- Suitable zoning: Tower installation must comply with local zoning regulations. It is also advisable to make sure there are no HOA (Home Owner Association) regulations that prohibit the use of towers.
- Interconnection with utility: Local utility must allow for interconnection. The 1979 federal PURPA act requires small systems can connect to the electrical grid; but interested consumers should consult their local utility.
- Electricity cost of $0.10/kWh or greater: Interested parties should consult with their local utility or look at their electric bill.

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