

## “” Testimonials.

“I installed my Bergey 10 kW in 2001. I haven't paid an electric bill since and the turbine has paid for itself. It's the best investment I ever made.” **G. Sansone, Oak Hills, CA**

“I replaced a broken Whirlwind Power turbine with a Bergey 10 kW in 1988. I should have bought the Bergey in the first place.”

**R. Bohl, Phillipburg KS**

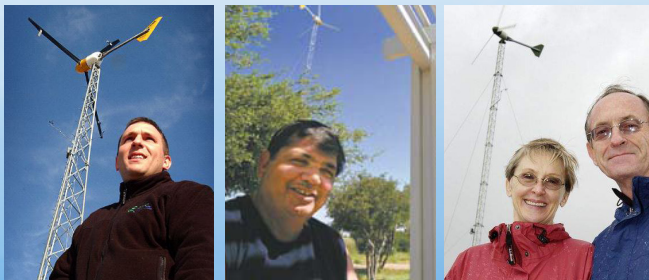
“My first Bergey 10 kW installation has operated for over 26 years with insignificant maintenance costs and has had a 100% availability factor. It couldn't be more reliable.”

**S. Chase, Shokan NY.**

“I made a big mistake when I used a Chinese turbine with an American sounding name. It just didn't hold up. What a difference in the Bergey equipment.” **S. Jackson, Chico, CA**

## ⚙ Specifications.

- Reference Rated Power: 10 kW.
- AWEA Rated Power: 8.2 kW at 25mph.
- AWEA Rated Annual Energy: 13,200 kWh at 11 mph average.
- AWEA Rated Sound Level: 54.7 dBA.
- Cut-in Wind Speed: 5 mph.
- Cut-out Wind Speed: none.
- Peak Power: 12.5 kW at 28 mph.
- Max. Design Wind Speed: 135 mph.
- Design Operating Life: 30-50 years.
- Turbine Rotor Diameter: 23 ft.



### Buying a Bergey turbine.

The best candidates for a Bergey 10 kW wind turbine are those with a residential or commercial property of at least 1 acre, an electric bill averaging over \$150 per month, and a wind resource of at least 10 mph. Each project is a little different so a site survey and quotation are necessary. The typical steps in buying a Bergey wind turbine are:

1. Contact a local Bergey dealer. For assistance, see the Dealer Lists page at [www.bergey.com](http://www.bergey.com).
2. Purchase a site survey from the dealer. Following the survey you will receive a quotation and a projection of performance and payback.
3. Purchase the system. Your Bergey dealer will apply for the necessary permits and available rebates, contact your utility company, get your Bergey wind equipment shipped, and provide you with a preliminary schedule for the work at your home or business.
4. Once the permits and equipment are in hand, your Bergey dealer will schedule your installation. This will involve several visits for foundations, wiring, and turbine installation.

Typically, getting the permits to install the 80 - 140 ft towers we recommend is the biggest obstacle you and your BWC dealer will face. Few cities or counties have ordinances that favor small wind turbines.

For information on the permitting issues we recommend the AWEA guide available at: [www.awea.org/smallwind/pdf/InThePublicInterest.pdf](http://www.awea.org/smallwind/pdf/InThePublicInterest.pdf)

You will also find additional information at: [www.bergey.com](http://www.bergey.com)

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# Power your dream with the wind



### Why buy a small wind system?

A Bergey wind turbine is a smart investment that will lower your monthly expenses, increase your net worth, and help support American manufacturing jobs. At the same time it will help clean the air, slow climate change, and move us towards energy independence.

You will also enjoy watching your utility meter turn backwards and the lively interaction between the wind and your Bergey turbine. Finally, it will totally change your view of wind – you will start appreciating windy days.

For those fortunate enough to have a windy site of at least one acre, a Bergey wind system will be substantially less expensive than a comparable solar system, it will take up less space, and its performance won't degrade over time.

### It's like buying vs. renting a home.

Over the next 10 years a typical homeowner or small business will pay \$18,000 to over \$50,000 in electric bills, at rates that often increase faster than inflation. When you choose a Bergey wind system you take the same monthly expense and invest it in a tangible asset. Once your Bergey turbine is paid off, you will enjoy more money in your pocket every month for the next 20 – 40 years.

A Bergey wind turbine is an excellent investment. It will typically provide a rate of return of 6% - 25%, much better than traditional investments.

### Tax credits and rebates make it affordable.

Small wind turbines qualify for a 30% federal tax credit and, for businesses, accelerated depreciation. USDA grants are available for farmers, ranchers, and rural businesses. Many states offer additional incentives (see [www.dsireusa.org](http://www.dsireusa.org)). These incentives make owning a Bergey wind turbine surprisingly affordable.

### Why a Bergey wind turbine?

Bergey Windpower is the oldest and most experienced manufacturer of residential-sized wind turbines in the world. Thirty years ago Bergey pioneered the radically-simple "Bergey design" that has proven to provide the best reliability, performance, service life, and value of all of the hundreds of competitive products that have come and gone in that time. With only three moving parts and no scheduled maintenance necessary, the Bergey 10 kW has compiled a service record that no other wind turbine can match. We back it up with the longest warranty in the industry.

There are now many new small wind products on the market. Though sometimes heavily promoted, these new entrants lack the track record that provides confidence as a sound investment. Over the years Bergey wind turbines have often replaced unsuccessful competitive products. The bottom line is that wind turbines are a big investment, and Bergey is the wise choice.

Bergey turbines are simple, but they also incorporate sophisticated technology that has been refined over more than a quarter-century. From its custom airfoil to its "super magnet" low speed alternator to its custom inverter, there's no more advanced technology in the industry. The result is exceptional low wind speed performance, robust storm protection, and almost silent operation.

Finally, Bergey offers more tower options than any other small turbine manufacturer. We have Guyed-Lattice, Self-Supporting Lattice, Tubular Self-Supporting, and Guyed Tilt-up Lattice towers in heights from 60 ft to 160 ft.



### Bergey's are built on strong basics:

#### 1-2-3 Simplicity:

The only moving parts are the parts you see moving.

#### Reliability:

Developed in "Tornado Alley", proven in critical military applications, and backed by our exclusive 10-year warranty.

#### Performance:

Low start-up(5 mph), continuous operation in high winds, and extremely quiet.

### Our technology makes it happen!

#### PowerFlex Blades

Our exclusive "full length reinforcement" fiberglass blades are stronger than steel and the strongest in the industry.

#### BW-7 Airfoil

Our custom designed airfoil (blade shape) is quieter and more efficient than the "catalog airfoils" others use.

#### Neo-10 Alternator

Our custom designed very-low-speed "super magnet" alternator also serves as the blade mounting hub, integrating what are typically two separate assemblies.

#### AutoFurl Storm Protection

Our uniquely simple passive, fully automatic, high wind protection is hurricane proven.

#### Powersync II Inverter

Our custom designed third-generation power converter is UL-certified and extremely rugged.