

# Wind Turbine at Walker Brothers Roofing Company

Sloan, IA 51055 | Bergey Windpower | 15 kW on 100 foot tower | Installed by American Windpower



Photo Courtesy of American Windpower

**Walker Brothers Roofing Co.**, in rural western Iowa, features a Bergey 15 kW

wind turbine mounted on a 100-foot tower installed by American Windpower to offset the company's annual electricity consumption. The turbine is expected to produce approximately 30,000 kWh per year.



Designed for small installations, including microgrid applications, the Bergey Excel 15 turbine is well suited for farming and rural small business operations in areas like central Iowa with sufficient wind resources producing as much energy as a 35 kW solar system, with an 80% smaller footprint.

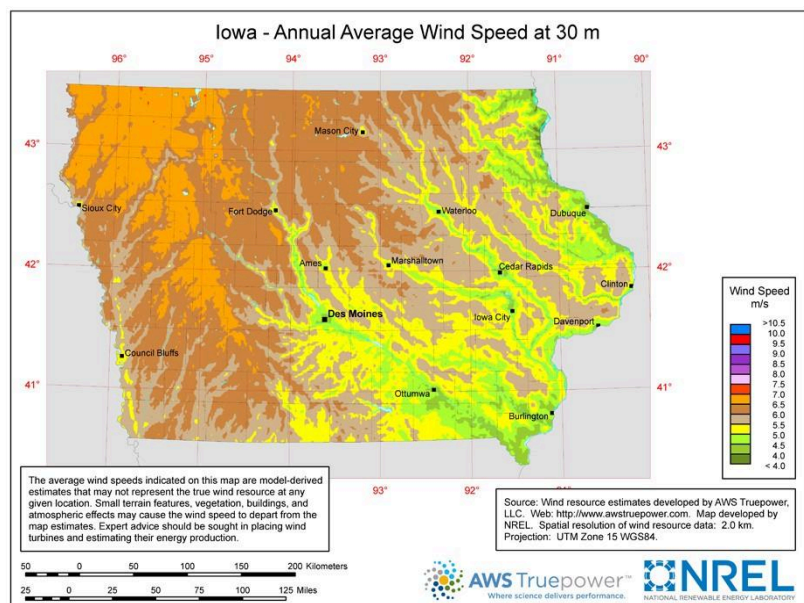
Walker Brothers Roofing, with the support of federal tax credits and USDA REAP incentives, invested in wind power to increase its energy independence and to lower its energy costs providing financial stability.

## Key Findings

- Saves ~ \$4,800/year in electric bills
- Produces ~ 30,000 kWh annually
- 50% USDA REAP grant & 40% federal tax credit saving thousands of dollars

## Impact

- Showcases operational benefits of investments in energy independence
- Demonstrates feasibility of wind energy for rural businesses



**More than 95,000 Iowa properties have wind resources suitable for distributed wind with a combined technical potential of 543 MW, per NREL**

Want further information? Please see: [www.AgWindEnergy.org](http://www.AgWindEnergy.org) or [www.DistributedWind.org](http://www.DistributedWind.org)