



## LARAMIE COUNTY PLANNING AND DEVELOPMENT OFFICE

Planning • Zoning • Building Permit • Mapping

### Laramie County Guide To Small Wind Energy Systems

Laramie County supports the use of renewable sources of energy. To protect the safety of our residents, we have developed the following guidelines for installing a small wind energy system. Please contact us at (307) 633-4303 if you have any questions.

#### What is a small wind energy system?

A small wind system energy system is a wind turbine that will be used for *non-commercial* power generation and meets the following requirements:

1. The system is 100 feet tall or less.
2. The system produces 100kw or less.

Connecting your system to the power grid is *not* considered to be a commercial use.

#### Where can I place a small wind energy system?

A small wind energy system may be placed anywhere on your property, provided that you meet all setback requirements in your zoning district. In the unzoned areas of the County, the turbine must be set back from your property at a distance equal to the turbine height.

#### Do I need permission to install a small wind energy system?

Yes. Small wind energy systems are reviewed by the Planning and Development Office. You are required to obtain a permit for building and electrical work. The following permits are required:

1. An electrical permit: required if your system does not have a foundation (such as systems that are mounted to your home) or,
2. A building and electrical permit: required for freestanding systems with foundations.

#### What information do I need to submit my permits?

You will need the following information when you submit your permit:

1. A copy of the foundation plans for your system.
2. The height and generating capacity of your system.
3. The manufacturer's specifications book.
4. A plot plan showing the distance of your system from your property boundaries and other structures on your property.

#### How much do permits cost?

\$90 for plan review and inspections.

