

## PROJECT PROFILE: **WIND FARMS**



**PROJECT:** MONTANA WIND HARNESS  
Cut Bank and Rapelje, Montana

To assure investors that these two potential sites for 75-megawatt wind farms would not have significant environmental concerns that would hinder the development, Big Sky Acoustics conducted a preliminary review of the noise issues of each site.

### **BSA's SERVICES and SOLUTIONS:**

- Estimated the noise level at nearby residences due to approximately 45 wind turbines on each site.
- Researched the ordinances and guidelines that have been developed specifically for wind turbines to limit the noise impact of wind farms.
- Discussed the unique nuances in the perception of wind turbine noise, and the annoyance it can create.
- Determined the minimum distance that would be required between the residences and turbines, to achieve an acceptable noise level at each of the residences.
- Summarized the preliminary review of the noise issues for each site in a written report.
- **The Executive Summary was used as an integral part of the developer's presentations to potential investors.**

