

## Solomon Forks Wind Farm



### **Society is consuming greater amount of electricity and other forms of energy every year.**

To that end, it's essential that we continue to explore and embrace renewable sources, and to help provide environmentally-friendly solutions to enhance our limited energy resource supply. Wind energy is one of the cleanest forms of electric power generation, and each turbine offsets carbon dioxide (CO<sub>2</sub>) and other emissions that would otherwise be generated from conventional fossil fuel sources.

The Solomon Forks Wind Farm represents a positive development for Thomas County and northwestern Kansas. By harnessing an abundantly available wind resource in the region, the project will support local economic growth by generating revenues for landowners and the County, improving local infrastructure and creating jobs.

The project will bring these benefits to the community while remaining compatible with existing agricultural land use.

The U.S. currently generates approximately 1% of its electric power from wind energy sources, and according to a recent U.S. Department of Energy report, the government and the power industry are seeking ways to achieve 20% of U.S. power production from wind energy by 2020. Wind energy is a clean, renewable energy source for electric power production with positive economic benefits for any community. ACCIONA's objective is to establish itself in North America as an innovative leader in this emerging market in the U.S. Kansas has tremendous wind resource and ACCIONA looks forward to tapping these resources to make the Solomon Forks Wind Farm a successful project for all stakeholders.

### **CONSTRUCTION COMMENCEMENT**

Early 2009

### **COMPLETION DATE**

Expected Fall 2009

### **PROJECT COST**

Approximately \$285 million





### Features and Benefits

The Solomon Forks Wind Farm will produce enough power for nearly 32,000 homes. This project will have many positive local economic impacts, including approximately 200 construction jobs, which will be filled both locally and from outside the community. In order to support the maintenance and operations of the project upon completion, the wind farm will also create 8 to 10 local-permanent jobs. The Solomon Forks Wind Farm will eliminate roughly 425,000 tons of carbon dioxide, 1,600 tons of nitrogen oxide (NOx), and 2,600 tons of sulfur dioxide (SO<sub>2</sub>) from the environment, when compared to a conventional coal power plant.

#### WINDPOWER

- 108 Megawatt (MW) capacity
- Will use approximately 72 ACCIONA Windpower 1.5 MW wind turbine generators

#### TURBINE SIZE

- Each wind turbines is 262 feet tall from base to hub
- Each blade is 122 feet long

#### DEVELOPERS

- ACCIONA Energy and Airstream Energy are working together to develop Solomon Forks Wind Farm
- ACCIONA Energy will own, construct and operate Solomon Forks Wind Farm



### About ACCIONA

ACCIONA is one of the world's leading renewable energy developers. In 2007, we produced 8 billion KWh (kilowatt hours) of electricity from renewable sources, which avoided nearly 7.7 million tons of CO<sub>2</sub> emissions. As a developer and long-term owner/operator of wind farms, we have installed a total of 5,397 MW of wind power located in

13 countries (June 30, 2008.) ACCIONA Windpower manufactures its own wind turbines using our proprietary technology. The 1.5 MW turbines for Solomon Forks Wind Farm will be manufactured in ACCIONA's U.S. factory located in West Branch, Iowa, which employs more than 160 local people in the heartland of America.