

Crofton Hills

**Community Based
Energy Development
(C-BED)**

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Benefits of Locally Owned Projects

- Provides new Cash Crop for Farmers not tied to Traditional Commodities
- Keeps Energy Dollars in the Community
- Stimulates Economic Development in Rural Areas
- Creates Additional Jobs for Local Contractors
- Provides Long Term, Low Cost Clean Sustainable Energy

History of Crofton Hills Wind Farm...How we got here.

- Juhl Wind, Inc. (then DanMar Associates) began working with the American Corn Growers Foundation in 2002 and I presented the C-BED model to the ACGA national convention that year.
- ACGF then arranged for me present the C-BED model to the NEFU's state convention in Dec. 2003. ACGF & NEFU then brought Nebraskans to Minnesota to show them our community projects. Senator Dierks & others saw our projects first hand.
- During 2004-06 we (ACGF/NEFU/CFRA) proposed a C-BED project to NPPD. Our proposal was moving forward until November 2006 when NPPD found out that new legislation was needed to allow C-BED projects to be developed within Nebraska's public power structure and to sell wind generated electric power to Nebraska's public power utility system.

Crofton Hills History continued

- In 2007 Senator Dierks introduced LB 629 (C-BED bill) along with Senator Preister, Senator Dubas, Senator McDonald, Senator Wallman, Senator Lathrop and Senator Karpicek as co-sponsors. NEFU, ACGA, CFRA, rural, environmental and Nebraska utility/public power groups worked on LB 629
- LB 629 passed unanimously and was signed by Gov. Heineman. We submitted a proposal in response to the RFP from NPPD. Our proposal made NPPD's short list and PPA/GIA work began.
- The direct result of the C-BED public outreach we launched in Nebraska in 2003 is the Crofton Hills Wind Farm scheduled for 2009 and the Elkhorn Ridge Wind Farm under construction now. We hope to see many more Nebraska C-BED projects. We applaud the Nebraska Legislature, Governor Heineman and Nebraska Public Power entities for their leadership and vision in promoting community based energy development for Nebraska's rural development, economic and sustainable energy future.



CROFTON HILLS
Nebraska C-BED Wind Project Brief
Knox County

Nameplate Capacity: 42 megawatts of wind energy generation

Number of turbines: Fourteen (14) 3 megawatt Vestas V-90 wind turbines

Hub Height: 80 meters

Turbine Blade Length: Rotor diameter of 90 meters

Energy Purchaser: Nebraska Public Power District

Project Energy: The Project will produce about 140,500,000 kwhs per year, enough to power approximately 8,300 average homes per year

Ownership Structure: In accordance with LB 629 the project includes twenty one Nebraska residents, non-profit entities and/or Nebraska limited liability corporations, including eight landowners where project is sited
The local owners are working with Edison Mission Energy as equity partner.

Project Developer: Juhl Wind, Inc.



Questions?