



Photo Courtesy of Stephanie Buway

Weatherford Wind Energy Center (WVEC)

Owner: Florida Power & Light (FPL)

Location: Custer County

- ◆ Began commercial operation in May 2005
- ◆ Total of 147 MW
- ◆ 98 GE 1.5 MW wind turbines
- ◆ Enough power for approximately 44,000 homes
- ◆ Electricity purchased by AEP/Public Service Company of Oklahoma (PSO)
- ◆ FPL expects to contribute \$17 million to the Weatherford community over the next 2 decades

FPL Energy Sooner Wind, LLC

Owner: Florida Power & Light (FPL)

Location: Harper & Woodward Counties

- ◆ Began commercial operation in September 2003
- ◆ Total of 102 MW
- ◆ 68 GE 1.5 MW wind turbines
- ◆ Enough power for approximately 30,000 homes
- ◆ Electricity purchased by Oklahoma Municipal Power Authority (OMPA) & Oklahoma Gas & Electric (OG&E)

"During the construction, the amount of people working on the project greatly helped the local economy."

Debbie Gentry, Woodward County Assessor



Photo Courtesy of Dixie Johnson

Centennial Wind Farm

Owner: OG&E

Location: Harper County

- ◆ Developed by Invenergy LLC.
- ◆ Began commercial operation in December 2006
- ◆ Total of 120 MW
- ◆ 80 GE 1.5 MW turbines
- ◆ Enough power for approximately 36,000 homes
- ◆ Electricity purchased by OG&E

Red Hills Wind Farm

Owner: OG&E

Location: Roger Mills & Custer Counties

- ◆ Developed by Acciona
- ◆ Began commercial operation in March 2009
- ◆ Total of 123 MW
- ◆ 82 Acciona 1.5 MW turbines
- ◆ Enough power for approximately 40,000 homes
- ◆ Electricity purchased by Western Farmer Electric Cooperative (WFEC)

Blue Canyon Wind Power, LLC: Phase I

Owner: Horizon Wind Energy
Location: Comanche & Caddo Counties

- ◆ Began commercial operation in December 2003
- ◆ Total of 74.25 MW
- ◆ 45 NEG Micon 1.65 MW wind turbines
- ◆ Enough power for approximately 20,000 homes
- ◆ Electricity purchased by Western Farmer Electric Cooperative (WFEC)



Photo Courtesy of Stan Whiteford



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Sleeping Bear Wind Farm

Owner: Edison Mission Group
Location: Harper County

- ◆ Developed by Chermac Energy Corporation
- ◆ Began commercial operation in August 2007
- ◆ Total of 94.5 MW
- ◆ 45 Suzlon 2.1 MW turbines
- ◆ Enough power for approximately 28,000 homes
- ◆ Electricity purchased by PSO

Blue Canyon Wind Power, LLC: Phase II

Owner: Horizon Wind Energy
Location: Comanche & Caddo Counties

- ◆ Began commercial operation in December 2005
- ◆ Total of 151.5 MW
- ◆ 84 Vestas 1.8 MW wind turbines
- ◆ Enough power for approximately 41,000 homes
- ◆ Electricity purchased by AEP/PSO

Buffalo Bear Wind Farm

Owner: Edison Mission Group
Location: Harper County

- ◆ Developed by Chermac / Edison Mission Energy
- ◆ Began commercial operation in December 2008
- ◆ Total of 18.9 MW
- ◆ 9 Suzlon 2.1 MW turbines
- ◆ Enough power for approximately 6,000 homes
- ◆ Electricity purchased by Western Farmer Electric Cooperative (WFEC)