

CEDAR-KNOX PUBLIC POWER DISTRICT
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Pictured above, one of the 27 pads for wind turbines, with the crane used in background.

Progress is being made on the Elkhorn Ridge Wind Farm Project

This \$140 million dollar project was developed by Midwest Wind Energy, LLC. Elkhorn Ridge is structured as a Community Based Energy Development (C-BED) and will be owned and operated by Edison Mission Energy, with thirty-three percent ownership belonging to Nebraska residents.

Elkhorn Ridge Wind Farm is situated on a pronounced ridge that is entirely suitable for wind generation and it may possess one of the best wind resources in the eastern two-thirds of the state of Nebraska. The ridge is well elevated and wide open with virtually no trees or other ob-

structions, thus providing outstanding exposure to the wind. In addition to the elevation and wind resource, the project area has excellent access to the existing NPPD transmission system at the newly upgraded rural Bloomfield Substation, which is shared by Cedar-Knox PPD.

As you can see in the picture, progress is being made on the Elkhorn Ridge Wind Farm project. The pad the turbine is set on is 52 feet across and requires 500 yards of concrete. The crane being used is enormous; it took 18 semi trucks to haul it in. After the crane was re-assembled on site, it weighs 1,000,000 lbs

and the boom is 300 feet long. This crane will walk to each of the 27 pads to assemble the turbines, with Cedar-Knox PPD employees clearing the way, by dropping our overhead power lines temporarily, as needed.

The 80 megawatt wind farm is being constructed 5 miles north of the town of Bloomfield in Knox Co. Nebraska. The project consists of 27 Vesta V90 wind turbines, each capable of generating 3 megawatts of electricity. When completed by the end of 2008, the project will produce enough, renewable energy to serve approximately 25,000 Nebraska residences.

