

This is where your green power is made...



FACILITY

AINSWORTH WIND ENERGY FACILITY

PROJECT LOCATION

AINSWORTH, NEBRASKA

COMMERCIAL ON-LINE DATE (COD)_

AUGUST 2005

TOTAL CAPACITY

60 MEGAWATTS

ANNUAL ENERGY PRODUCTION

210,240 MEGAWATT HOURS

PROJECT SITE:

- This brand new wind farm sits on ranchland atop rolling hills in the Sandhills of North Central Nebraska, expanding the existing installed wind capacity in Nebraska by 400%.
- The site has an expected capacity factor of 40-44%, which means the turbines are expected to generate power more consistently than the average of 33%.
- The farm is on a Class 5 wind site, meaning the average wind speed is approximately 19.5 miles-per-hour at an 80-meter height.

TURBINES

- The turbine blades spin at speeds of 138 miles per hour in a 269-foot rotor diameter
- The 36 wind turbines are expected to produce enough electricity to power 19,000 homes.
- Each of the turbine blades are 110 feet long

OUTPUT:

- The \$81.4 million project will benefit customers of NPPD, the Omaha Public Power District, Municipal Energy Agency of Nebraska, Grand Island Utilities and JEA of Jacksonville, Fla.
- The wind project will generate enough electricity to serve 19,000 homes.

