

TENASKA CLEAR CREEK ENERGY CENTER

Tenaska Clear Creek Wind, LLC



Plant Facts

Location: 19872 Icon Road
Maryville, Missouri 64468
(Nodaway County)

Purpose: Converts wind to electricity

Capacity: 242 megawatts

**Commercial
Operation:** May 2020

Owner: Tenaska Clear Creek Wind, LLC, which
is comprised of affiliates of Tenaska and
Bright Canyon Energy

Customer: Associated Electric Cooperative, Inc.

Employment: 16 local employees staffed through
NAES Corporation and turbine
manufacturer Vestas

Clean Power Generation

Tenaska Clear Creek Energy Center harnesses the wind to generate renewable power for Associated Electric Cooperative, Inc. under a long-term contract. Associated is an electric generation and transmission cooperative based in Springfield, Missouri, that provides wholesale power to six regional cooperatives, including NW Electric Power Cooperative Inc. of Cameron, Missouri, and 51 local cooperative systems in Missouri, southeast Iowa and northeast Oklahoma that serve 910,000 members.

The Tenaska Clear Creek wind farm is comprised of 111 Vestas turbines located across approximately 31,000 acres. This includes 2.0- and 2.2-MW models.

Tenaska Clear Creek Wind, LLC

Economic Impact

- Construction of Tenaska Clear Creek Energy Center represented an investment of more than \$300 million in the regional economy. Through engineering, procurement and construction contractor Mortenson, 350 craft workers were hired from the local area and approximately \$30 million in contracts were awarded to regional businesses. There were additional “trickle down” benefits during construction as the construction workers utilized local housing, ate in restaurants and shopped in local establishments.
- During operation, Tenaska Clear Creek is supported by a team of 16 local employees staffed through NAES Corporation and turbine manufacturer Vestas
- Approximately 160 landowners have long-term leases with Tenaska Clear Creek, which is estimated to result in more than \$1.2 million in lease payments annually.
- Tenaska Clear Creek is expected to generate more than \$1.2 million in tax revenue annually for local units of government. At the same time, the project will create little demand for local services, such as schools or police – a win-win for residents of Nodaway County.

Community Involvement

Tenaska and Tenaska Clear Creek Wind, owner of the wind farm, strive to be a good business neighbor.

- Tenaska Clear Creek instituted an annual scholarship program starting with the 2020-2021 school year. A total of \$3,000 in scholarships were awarded to two college-bound high school seniors to date.
- Tenaska Clear Creek has established a community fund that will support programs in Nodaway County. The wind farm will contribute \$15,000 per year for the next 20 years. A \$15,000 donation was made in 2021 to the Northwest Ag Center and The Ministry Center as part of Tenaska Clear Creek’s community fund.
- The project is a supporter of community efforts, including the Nodaway County Fair, the Nodaway County Livestock Auction and the Farm City Banquet, as well as organizations such as the Ministry Center food bank, Big Brother Big Sisters of Nodaway County and United Way of Nodaway County.
- Tenaska is a member of Nodaway County Economic Development and Greater Maryville Chamber of Commerce.