

Wind Turbines at Kas Cattle & Crop Farms

Woodstock, MN 56186 | Eocycle Wind Energy Model S-16 | 2x 25 kW | Installed by Eocycle



Photo Credit: Eocycle



Kas Cattle & Crop Farms, located in rural Woodstock, Minnesota, embraced wind energy by installing two Eocycle 25 kW Model S-16 wind turbines in 2024. The dual turbine system positively impacted Kas Farms' energy independence and financial outlook.

Each turbine is designed to produce approximately 80,000 kWh annually, for a combined output of 160,000 kWh per year offsetting 100% of the farms' annual electricity usage. Kas Farms sells its surplus energy back into the grid, contributing to the local power supply and supporting the farms.

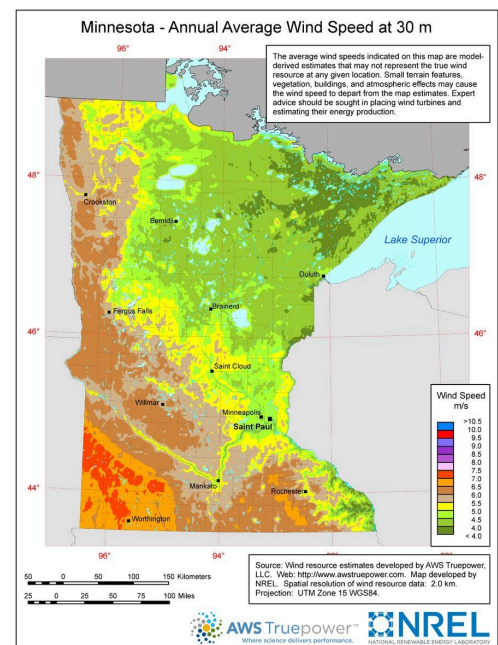
"Encouraged by these results, the owner is already considering installing a third turbine at another property," noted John Mogensen of Eocycle, the project's manufacturer and installer.

Key Findings

- Offsets 100% of the farm's electricity usage saving ~ \$7,200 annually
- Produces ~ 80,000 kWh of energy annually
- Generates surplus energy income of ~ \$9,200 annually

Impact

- Ensures energy independence
- Showcases the potential of wind energy in agricultural applications



More than 147,000 MN properties have wind resources suitable for distributed wind with a combined technical potential of 590 MW, per NREL

Want further information? Please see: www.AgWindEnergy.org or www.DistributedWind.org