

Innovative Wind Turbine Bird Strike Prevention System

Put a Bird Shield Around Every Turbine

A short range high resolution avian radar is combined with bird deterrent techniques to detect, track, and deter away all birds and bats on a collision course with a protected wind turbine.

Whenever a high probability of bird collision is detected, a bright flashing strobe light or high intensity sound is directed towards the advancing birds thus deterring them away from the wind turbine.

Key Features:

- Precise 3D target position determination
- Operates day, night, rain, or shine
- Detection range >300 meters
- Small non-scanning radar antennas
- Low power bistatic radar transmitters
- Single bistatic radar receiver
- Target position accuracy similar to GPS
- Bird type identified from target parameters
- Expandable to cover large wind farms
- Radars can be networked for advanced warning
- Be proactive in reducing bird and bat kills - avoid ITP fines
- Avoid rejection or curtailment of project permits
- Can also protect oil sands, substations, and power lines
- Patented - US 8,742,977

BE READY FOR THE INCREASING AVIAN ENFORCEMENT OF WILDLIFE PROTECTION LAWS.

Origo Corporation

Origo was formed in 2003 and is currently a leader in remote phase identification for the electric utility industry. Our PhaseID Handheld Datalogger field probe allows linemen to instantly phase identify high overhead transmission and distribution lines from ground level without using an extendo stick.

Greg Piesinger has been involved in radar design for over 40 years. He has recently designed and patented avian radar systems for aircraft, airports, and wind farms.

As a small company, Origo cannot pursue this innovative radar technology alone. Origo seeks partners, investors, alliances, team members, or other parties interested in developing and marketing this technology. Please contact Greg Piesinger at 480-473-1995 or gpiesinger@origocorp.com to discuss possible collaboration on this endeavor.