

Environmental Monitoring for Offshore Wind Energy Projects

Avian and Bat detection systems for offshore wind energy on the US West Coast and globally

- Application Specific Customization
- Multi-sensor integration
- Sensor manufacturing, and field service

Instrument Systems Supporting:

- Wind energy developers and operators
- Turbine original equipment manufacturers (OEMs)
- Government agencies
- Environmental permitting consultants
- University research teams
- Bird and Bat Ecologists

- Thermographic detection and tracking
- Computational Imaging Classification
- Real Time Automated detection of wildlife interactions



Track Established: Yes
Range from Sensor: 187m
Range to Turbine: 367m
Flight Height: 90m
Probability of collision: 0.15%
Mitigation Required: Negative

Pre-Construction Avian and Bat Monitoring
Operational Avian and Bat Monitoring
Enabling Post-Construction Collision Mitigation

Max Height

Rotor Swept Zone

Blade Length

Systems currently under development by