

## SpanGuard™ Bird Diverter



The only bird diverter designed for power lines up to 500 kV

Birds large and small—including swans, eagles, hawks, cranes, and geese—often cannot see power lines near the horizon in time to avoid them, especially at dawn or dusk. *Over one million birds are killed annually in North America!* It is well documented that adding bird diverters to power lines makes them easier for birds to see and maneuver around, greatly reducing or eliminating collisions.

### High Voltage Capability

Smaller bird diverters from P&R Tech are commonly installed on distribution and transmission lines under 115 kV to effectively warn and protect birds, but only our SpanGuard™ Bird Diverter is designed to withstand the corona effects of lines up to 500 kV, as tested in a high voltage lab.

### Night Glow Capability

Other types of bird diverters are typically designed to help birds avoid obstructions during daylight, but recent studies indicate that most bird collisions happen during low light situations—such as during fog or rain, and in the hours before and after dusk. The SpanGuard Bird Diverter glows up to 10 hours after the sun has set, providing extended protection for at risk birds.

### SpanGuard Performance

The SpanGuard Bird Diverter is derived from our industry standard aluminum SpanGuard power line markers with a proven record on high voltage lines. The bird diverter is a 12" aluminum sphere painted a bright yellow that stands out among the range of colors that birds see well. Durable phosphorescent tape provides the night glow capability. The SpanGuard Bird Diverter satisfies US Fish and Wildlife guidelines.

### Simple Installation

A simple "U" bolt is provided to securely attach the SpanGuard Bird Diverter to the line. It can also be installed over a set of preform armor rods for line protection.