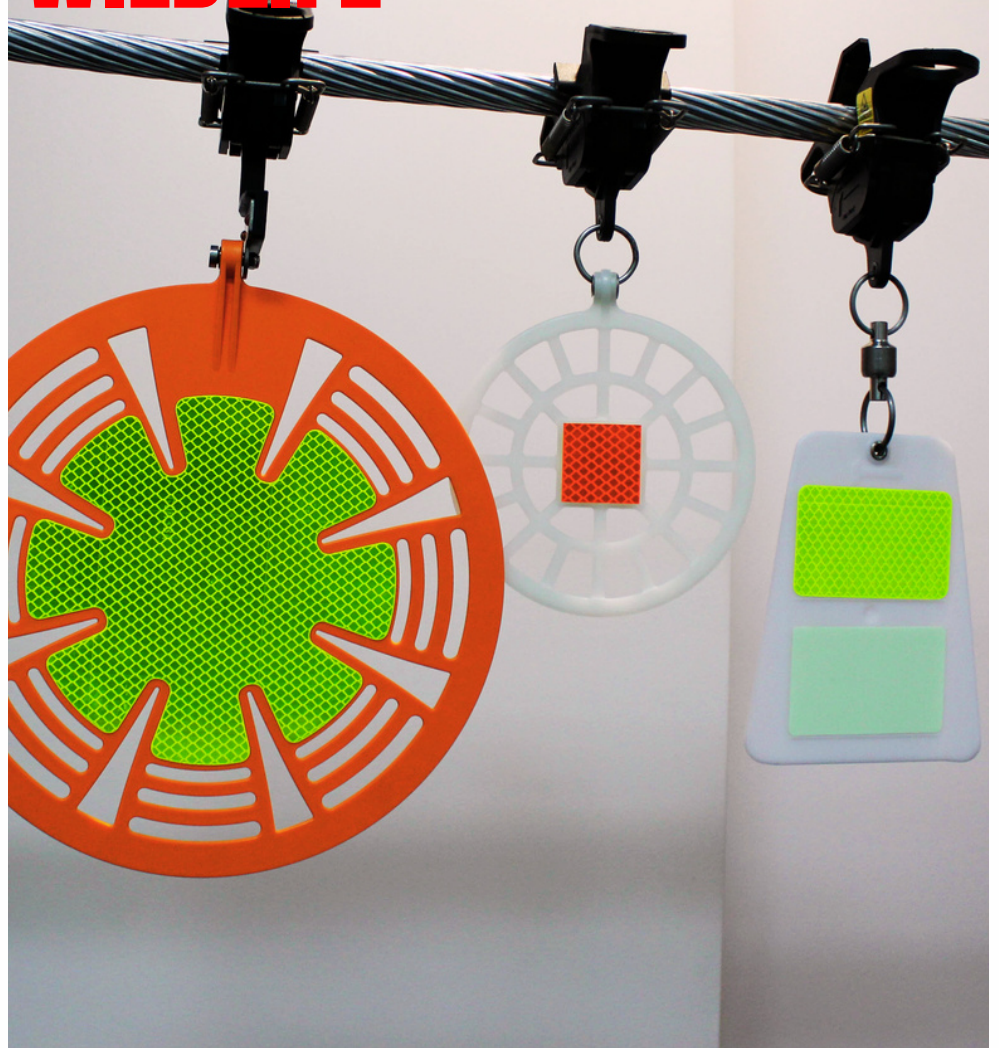


CONSERVATION OF PROTECTED WILDLIFE SPECIES

FIVE YEAR THREATENED BIRDS STRATEGY (2016-2021)



CASE STUDY



fast facts:

LOCATION: Tasmania

CUSTOMER: TasNetworks

PROJECT OVERVIEW

In their 2016-17 annual report, TasNetworks drew attention to the demise of 12 rare Tasmanian Wedge-tailed Eagles as a direct result of flying into live conductors or perching on power poles. The endangered species has suffered a decline in breeding rates over recent years. Playing an active role in their conservation was a key priority for TasNetworks.

Since January 2016, TasNetworks have installed over 25,000 of Summit Power's Bird Diverters. The specialist device has been proven to reduce the number of Tasmanian Wedge-tailed Eagle fatalities. The perforated disc functions during the day and throughout the night by emitting a purple ultraviolet light, the glow lasts for 10-12 hours after sundown.

The Bird Diverter handles extreme wind conditions with 90 percent of the wind passing through the perforations in the disc. Summit Power is committed to further research using data obtained from the TasNetworks program in order to develop products that will protect other wildlife species. We are proud to play such a pivotal role in the conservation of our native wildlife and will continue to strive for excellence in our provision of powerline safety markers to energy networks around Australia.



SPECIALIST MATERIAL SUPPLY

Summit Power import a full range of Bird diverting equipment from AB Hammarprodukter based in Sweden.

The bird diverters being used for this project is a swivel Firefly diverter with a reflective patch and a BirdMark AfterGlow reflective Diverter 135mm Dia. utilising a 6-16mm clamp which can be attached to a live line using a hotstick or a drone. The Afterglow emits ultra violet light which birds see brightly in both day and night, and the FireFly works by hazing birds.

Problems

Increase in bird deaths (mainly bigger birds such as Tasmanian Wedge-tailed eagles) as a result of flying into electrical powerlines due to lack of visual distinction.

Solutions

Summit Powers bird diverters make the conductor lines more visual, so birds can see where the conductors are and prevent obstruction with them.

for more information...

[TasNetworks YouTube Video on protecting birdlife](#)

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[TasNetworks Article on protecting birdlife](#)

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[ABC News Article about endangered Tasmanian birds](#)

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[Raptor Refuge - threats to raptors](#)

