

ALTA LINK

Partnership helps AltaLink continue its strong commitment to environmental responsibility

Next to lightning, one of the leading causes of system outages at substations is due to contact by birds and other wildlife.

With this in mind, and in an effort to ensure system reliability, AltaLink has partnered with Cantega Technologies to retrofit substations that have histories of wildlife caused outages.

Cantega offers a product called GreenJacket. GreenJacket consists of a comprehensive set of customized dielectric polymer covers tailored to fit specific substation equipment.

The GreenJacket Wildlife Outage Mitigation System improves system reliability and reduces maintenance costs by preventing bird and animal caused outages from contact (phase-to-phase and phase-to-ground) including bird streaming. Improved System Average Interruption Frequency Index (SAIFI) produces improved customer satisfaction.



“AltaLink first began using GreenJacket in 2003 with a pilot project. We fitted two of our substations that had a history of bird caused outages,” said AltaLink Power System Engineer Marie-France Roy. “Since installed, there have been no bird caused outages at these locations.”

With the success of the pilot projects, AltaLink compiled a list of substations that would benefit from GreenJacket and has completed fitting or partly fitting five of these substations. There are plans to continue monitoring other substations and fit those demonstrating a history of bird caused outages accordingly.

“We are happy with the preliminary results of using GreenJacket and the positive benefits it has provided to both our customers and our environment,” said AltaLink Environmental Advisor, Nikki Krochko. “GreenJacket has enabled us to further strengthen AltaLink’s commitment to system reliability and environmental responsibility.”