

Cantega's GreenJacket® Precise fit cover-up delivers reliability, cost-effectively: **Atlantic City Electric**



The new Franklin Township distribution substation utilized Greenjacket® precise fit cover-up as an integral part of their avian protection plan.

With a service territory covering 2,700 square miles, Atlantic City Electric, serves more than 545,000 customers in Southern New Jersey through 8 facilities, 575 employees, and 109 substations. A subsidiary of Pepco Holdings, Inc., Atlantic City Electric has invested over \$685 million in their electric system, incorporating the most current technology in system improvements.

One of these investments encompassed a new substation in the Franklin Township to serve approximately 16,000 customers. Not only did the new Franklin distribution substation incorporate the latest in Distribution Automation technology, but the latest in animal-caused outage mitigation was installed – Cantega's Greenjacket® solution.

Cantega's Greenjacket® solution utilizes photogrammetric imaging as the basis to manufacture a precise-fit cover-up product made from a highly dielectric, polyurea material that meets the IEEE 1656 industry guideline for bird and animal cover-up.

The internal asset performance and reliability groups for holding company Pepco and sister-company, Delmarva, were contacted. They were already familiar with Cantega, giving the Greenjacket® solution high ratings and a strong endorsement. The Greenjacket® solution was selected and deployed in May 2014.

The Franklin substation utilized Greenjacket® cover-up to protect bus tubing, breaker bushings, equipment leads, air brake switches, and isolation-type mechanical switches as part of the critical apparatus. The scope used was the standard reliability scope that is used on a mixture of critical equipment and high risk points in many substations across the U.S and Canada.

According to Paul Weaver, Jr., P.E., from Atlantic City Electric's Reliability Engineering and Analysis, "Atlantic City Electric chose Greenjacket® as our solution of choice to cover a wide variety of substation equipment in our new Franklin substation. We chose the Greenjacket® solution for its uniqueness, cost effectiveness and high performance. We found the Cantega staff to be professional, responsive and knowledgeable. Due to the precise-fit characteristics and complete installation instructions, the total labor cost came in well below budget."

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