



Visteon maximizes uptime of their manufacturing facility

emPowering Energy

Innova™ STS helps a global automotive electronics supplier maximize manufacturing uptime and delivery performance.



Need

Visteon, a manufacturer of automotive electronics, was experiencing as many as 17 power quality disturbances per year. Because of the sensitivity of their automated control systems, even the slightest aberration in the power supply would shut down their operation, threatening delivery deadlines and productivity.

Solution

Working closely with Visteon, the local utility determined that an Innova STS sub-cycle transfer switch offered the most viable solution.

The utility system serving the plant is a 34.5 kV. Initially there was some concern about a 38 kV switch, since there were no other switches in service at this voltage. However, based on previous successful Innova STS installations at other distribution voltages, it was decided to move forward with the project.

The system designed for this application includes a 38 kV, 600A, 6 kA fault duty Innova STS in an outdoor enclosure, integrated with a Powercon metal enclosed bypass switchgear package. This first 38 kV Innova STS, and being the largest in commercial service at the time, was installed at the Visteon facility in Lansdale, Pennsylvania, on December 14, 1998.

Since the Innova STS was installed, the company has not experienced any further power supply interruptions.

Success Story Results

Uninterrupted Operation



Before	After
<p>Visteon’s automotive electronics manufacturing facility was experiencing as many as 17 power quality disturbances per year.</p>	<p>Since the Innova STS was installed, Visteon’s Lansdale, Pennsylvania manufacturing facility has not experienced any further power supply interruptions.</p>

Since installation, the facility has experienced no further power supply interruptions.

Notes:

- 1. Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics and connected car solutions for the world’s major vehicle manufacturers.



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