

For Immediate Release

18 May 2006

DSG-CANUSA OFFERS AN INNOVATIVE, COST EFFECTIVE SOLUTION FOR INSULATING 600 V BUS BARS USED IN WIND POWER GENERATION

DSG-Canusa, a leading manufacturer of heat shrink products and systems, has been instrumental in providing an innovative solution to a major supplier of Wind Energy Generation equipment with an electrical insulation product to cover 600 V rated, high ampacity bus bars using heat shrink material.

DSG-Canusa's CPX-100 thin wall insulation tubing was used to cover round aluminum bus bars running down a 250 ft high tower. The bus bar carries electrical power generated from the wind turbines and then connects to a conventional low voltage underground electrical transmission and distribution cable network. One of the main advantages of this design was its cost effectiveness in displacing 600 V rated power cables specified with expensive copper conductors. The use of CPX-100 in this application offers a simple yet reliable method of insulating a power distribution system that provides maximum performance at the lowest cost possible.

Offered in several expanded diameters up to four inches and different colour options, CPX-100 insulation material offers excellent electrical, thermal and physical properties including flame retardancy, and meets the stringent requirements of UL 224 and MIL-DTL-23053/5 Class 1 and 2 standards.

Coupled with our series of low and medium voltage tubing products, DSG-Canusa provides a comprehensive range of insulation solutions for electrical cable networks and retrofit applications.



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