World’s Longest XLPE Subsea Power Link

Sweden / Lithuania

AP Sensing Selected to Monitor and Protect World’s Longest XLPE Subsea Power Link

The best technology for the world’s longest XLPE subsea cable

AP Sensing is proud to announce that we have been selected to supply the DTS (Distributed Temperature sensing) system to monitor the longest XLPE subsea cable link in the world.

The 300 kV DC subsea cable will connect deliver power from Sweden to Lithuania, providing a significant portion of the Lithuanian population with energy.

The cable link was produced by ABB Karlskrona comprising a 400 km submarine route. The **entire cable route**, including land sections, is **450 km**.

Three AP Sensing DTS devices will be employed in the installation, which will **interface with the SCADA system**. Current plans call for service to begin in 2015 with a total capacity of 700 MW.

Because of the economic and political importance of the project, for both Europe and the Baltic states, reliability and security were the key criteria for the selection of a fiber-optic based DTS solution.

AP Sensing is proud to have been selected for this important infrastructure project, and is prepared to move forward immediately with the planning and implementation phases.