Prysmian to Supply 500-kV Cable System for Skagerrak 4 HVDC Link

Feb 1, 2011 12:00 PM

Prysmian Cables & Systems has secured a contract valued at more than 40 million euros from the Danish transmission grid operator Energinet.dk for the development of a land HVDC cable system for the Skagerrak 4 interconnection between Norway and Denmark.

The order includes the supply, jointing and testing of 92 km (57 miles) of 500-kV mass-impregnated underground cable system and related accessories with a 700-MW transmission capacity.

The realization of Skagerrak 4 has been agreed upon by the Danish and the Norwegian transmission grid operators, Energinet.dk and Statnett, in order to increase the capacity of the existing power transmission system between Norway and Denmark, thus enhancing the efficiency and competitiveness of the Nordic electricity market.

The project will contribute to the development of a more environmentally friendly power market in Europe by supporting the export of renewable energy produced in Norway and the growth of wind power generation in Denmark.

The Skagerrak 4 project includes an option for the Aggersund replacement project, where Energinet.dk proposes to remove the overhead lines for Skagerrak 1, 2 and 3 over the Limfjord and install HVDC mass-impregnated cables.

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