

PROSERV



Disruptive monitoring technology to support offshore wind cable assets

Aberdeen-based Proserv is employing independent control system intergeneration capabilities and its subsea experience to aid sustainable energy generation.

Through a collaborative technology consortium with Synaptec and BPP Cable Solutions and supported by the Offshore Renewable Energy Catapult, Proserv has pioneered an innovative holistic cable monitoring system for the offshore wind market, ECG.

Early in 2022, the company earned a landmark deal for ECG on the Dogger Bank offshore wind farm. In addition, the company is deploying ECG's full-scale hardware, software and data analytics abilities on Equinor's Hywind Scotland floating offshore wind farm.

The monitoring system provides real-time insights on the integrity and condition of cable assets, allowing operators to maximise transmission, improve efficiencies and reduce potential failures. The system's relevance in addressing a critical industry need around cable performance has led to sponsorship from ScottishPower Renewables and Equinor.

“PROSERV’S RENEWABLES METHODOLOGY COMBINES OUR LONG-STANDING HERITAGE IN CONTROL SYSTEM AND INTEGRATION EXPERTISE WITH THE SKILLSETS OF OUR PARTNERS, INCLUDING SCOTTISH TECHNOLOGY START-UPS, TO INNOVATE TRULY IMPACTFUL DIGITAL SOLUTIONS FOR OFFSHORE WIND.”

Paul Cook, Vice President, Renewables,
Proserv

