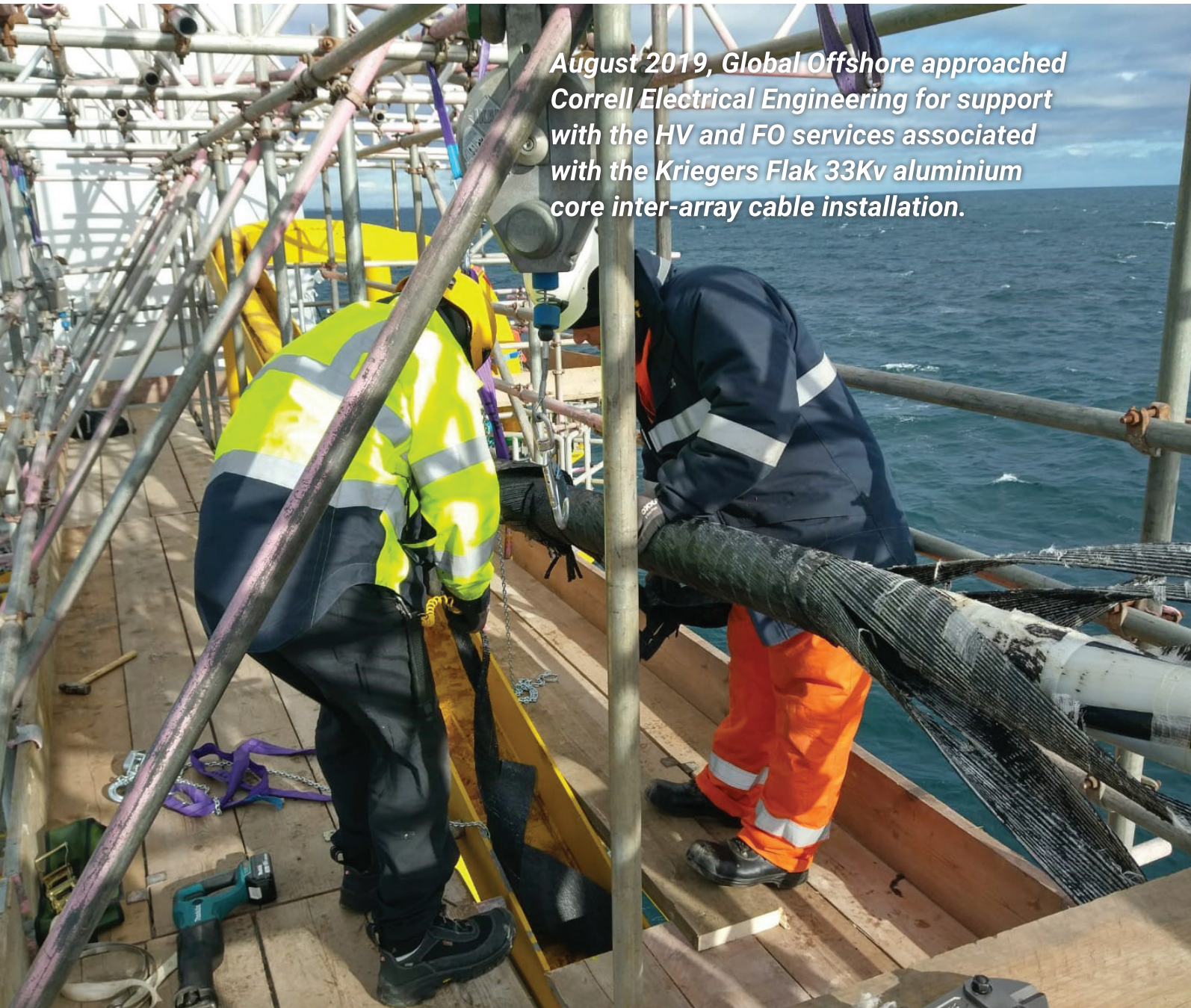




Correll
GROUP

Correll Group secures contract for Denmark's largest offshore wind farm



August 2019, Global Offshore approached Correll Electrical Engineering for support with the HV and FO services associated with the Kriegers Flak 33Kv aluminium core inter-array cable installation.

Correll | Electrical Engineering

Correll | High Voltage (HV) Management

Correll | Cable Installation & Power Services

Correll | Equipment Rental

Correll | Training & Development

**ABOUT
KRIEGERS FLAK**

Kriegers Flak offshore wind farm is located 15km east of the Danish Coast in the Southern part of the Baltic Sea. Spread over an area of 179km² in water depths between 16m and 25m. When fully operational, the wind farm has the capacity to supply over 600,000 Danish households with renewable energy - equivalent to 23 per cent of all households in Denmark.

**PROJECT
INFORMATION**

Denmark's largest offshore wind farm, incorporating 72 turbines of 8.4MW with an installed capacity of 605MW. The 170kms of 33kV inter-array cables connecting the turbines will carry the clean generated electricity to an offshore substation, for transmission to shore.

**SCOPE OF
WORKS**

Correll were responsible for the Termination & Testing of the IAG cables between the Wind Turbine Generators (WTGs) including:

Mobilisation of 20 technicians and 2 offshore installation managers

Pre-project meetings

Site visits

Mock-up trials

Creations of RAMS

Project HIRA meetings

Mobilisation of PPE, tools & test equipment (via a 20ft container)

Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry).

On the offshore assets:

Tower mobilisation and preparation

Stripping the export and array cable to expose HV cores and fibre optical cable

Complete the permanent hang-off

Route the HV and FO cable into the TP/WTGs

Cleat the HV cores from the hang off to the GIS

Terminate and splice the FO cable into the cabinet

Terminate power cores into the GIS

Complete post installation testing from the offshore substation to the WTG asset (VLF, IR, TDR & OTDR)

Deliver an Inspection and Test Plan of the installed and tested system, forming part of key payment milestone.

QUOTATION

Sam Dowey, Managing Director said: "This contract firmly establishes Correll Electrical Engineering as a leading T&T service provider in the offshore renewable energy industry. The entire Correll team is passionate about the services we provide and it is immensely gratifying to know that our efforts have been recognised with the Kriegers Flak contract award".

For further information: geoffbriggs@correllservices.com