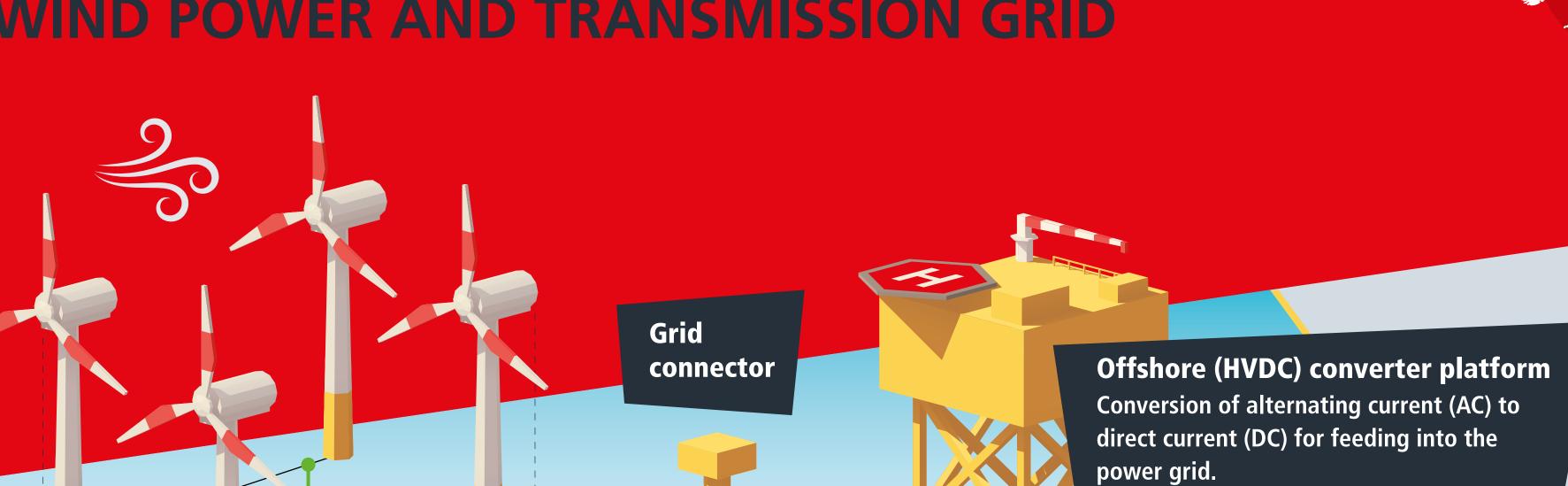
ENSURING HIGHEST NETWORK AVAILABILITY

WIND POWER AND TRANSMISSION GRID



Interconnectors

High voltage onshore and offshore cable fault location container solutions, tailored to very long high voltage AC and DC underground and submarine cables, rated up to 525 kV and with interconnector lengths of up to 900 km

Transforms AC voltage to DC voltage for low-loss power transmission via HVDC cables, and reverse this from DC to AC back to the distribution grid for households, commerce, and industry

HV DC/AC

transmission lines

Converter station

Cable section station Improves fault location and optimises its availability: main conductor and cable shield access

to alternating current (AC)

Converter station

Converts direct current (DC)

AC voltage (AC cable)

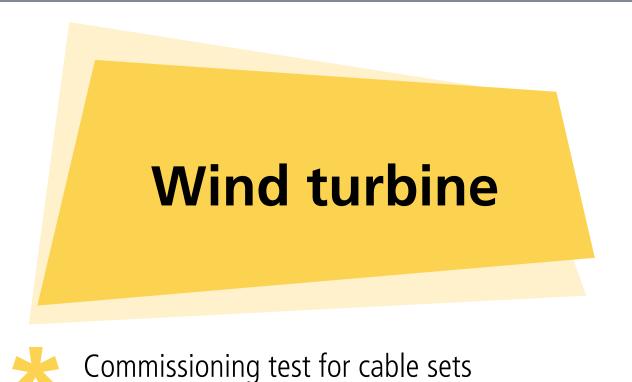
AC cable connection at sea DC export cable connection at sea DC cable connection on land 20 - 72 kV

Commissioning according to international standards, e.g., IEC, IEEE, and Cenelec; cable fault location, cable diagnostics, earth resistance testing, partial discharge, and dielectric loss diagnostics

ONE-STOP SHOP

Rotor and generator testing in the wind turbine

MAINTENANCE, TESTING, DIAGNOSTICS, FAULT LOCATION



in tower and tower foundation

Transformer

and substation

Baker ADX

All-in-one automated motor health analyser up to 15 kV for motor winding, coil, assembled motor, traction motor, and generator testing



MTR105

Industrial multifunctional motor and generator tester



DLRO10HDX

10 A digital low resistance ohmmeter



DLRO2X

plus KC-C test leads. 2 A handheld low resistance ohmmeter



MIT1525

15 kV DC insulation resistance tester up to $30 \, \text{T}\Omega$

Substations

Transforms power into

appropriate voltage levels

Transforming voltages and

feed-in into the electrical grid



MFT-X1

Low voltage electrical installations multifunction tester



Test vans for

transformer / substation

and cable infrastructure

MOM₃

Handheld 300 A micro-ohmmeter

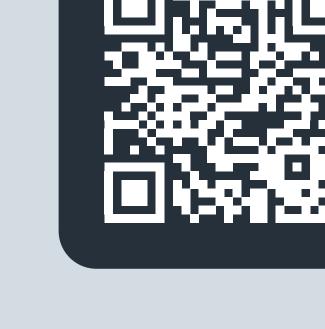


Viking Link Case study

Insights

wind turbine





Sea cable Land cable

TRAX

Multifunctional transformer and substation test system



OTS/OTD SERIES

Fully automatic oil testers for accurate dielectric breakdown and tan delta tests



TTRU3

True three phase transformer turns ratiometer



SVERKER900

3-phase relay and substation test system



PD SCAN

Universal online PD measurement



Portable fault location unit with 7 different



built-in technologies



STX40



We are

happy to assist you!

CONTAINER SOLUTIONS

High performance commissioning testing and fault location systems for very long cable



VLF SERIES

High-performance test systems, Sinusoidal and Cosine-rectancular



TDM SERIES

High power test and diagnosis combination for MV cables



TELEFLEX VX

TDR measurements for prelocating faults on very long cables

