

APPLICATIONS



OPTIMISING  
YOUR ENERGY

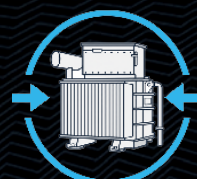


# Offshore Wind power

Engineered for offshore,  
built to last.



OFFSHORE  
RELIABILITY



COMPACT  
DESIGN



CUSTOM-  
ENGINEERED



Expertise at the heart of  
every transformer

Reliable power transformers  
designed for **the most**  
demanding marine environments.

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Made in France





Trusted by leading companies

**CHANTIERS  
DE L'ATLANTIQUE**

EIFFAGE  
**SMULDERS**

Parc éolien  
en mer du Calvados

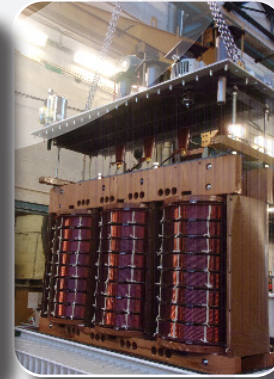
## Transformers engineered for offshore applications

## ✓ Grid safety and auxiliary power supply

- ✓ NEAT : Neutral Earthing and Auxiliary Transformer (ZNyn11),
- ✓ Earthing Transformers (ZN).

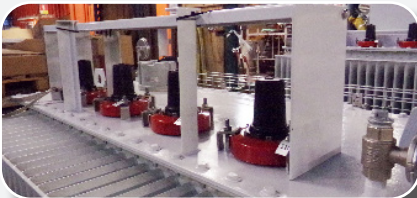
These transformers perform two essential functions in offshore substations:

- Neutral point creation and fault-current limitation through the neutral earthing winding (ZN),
- Power supply to substation auxiliary systems via a low-voltage secondary winding (typically yn11 – 410 V).



## Compact design

- ✓ Highly compact design achieved through optimised technical solutions (plug-in bushings, etc.).



## Custom-engineered design

- ✓ Adapted to your specific requirements and electrical characteristics (fault currents, etc.),
- ✓ Possibility of using O- or K-class insulating fluids, including biodegradable K-class oil,
- ✓ ONAN or KNAN cooling.

## OUR EXPERTISE, YOUR PERFORMANCE



25+ years  
of offshore  
experience



+45,000 MVA  
in operation



International  
standards



Trusted  
partner

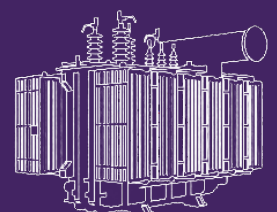


Support throughout  
your project



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