



**VIRGINIA - GEORGIA TRANSFORMER**  
ONE SOURCE-ONE COMMITMENT

# MARINE DUTY

Building transformers for harsh environments has been the core of Virginia Transformer Corporation's business for more than 50 years. Marine transformer applications are a natural extension of our business as we provide units designed with a 60-year lifespan for offshore and shipboard markets. With our certification by the American Bureau of Shipping (ABS), UL listing, and ISO-9001 compliance, we offer trusted marine application solutions for all your generation distribution, propulsion drive systems, oil drilling, and other offshore requirements.

## VTC OUTFITS STATE-OF-THE-ART TIDEWATER VESSELS

High tech is high priority at VTC. When Tidewater, one of the world's largest generation service vessel operators, wanted to update their fleet with larger diesel electronic propulsion vessels for deepwater drilling, they turned to us. We responded by supplying them with transformers for five anchor handling towing supply vessels (AHTSVs). Built in China's Yantai Raffles Shipyard, the AHTSVs are 280-foot KMAR design 404 class with the capacity for 8,125 bbl of liquid drilling mud, bulk mud tanks of 10,000 cubic feet at a dead weight of 4,613 LT and a winch pull of 600 tons.

Our work for these cutting-edge vessels has shown the shipbuilding industry the value of transformers that use the latest technology to stand up to the rigors of the sea.



### Virginia Transformer Corp

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### Georgia Transformer

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Virginia Transformer Corporation is the largest U.S.-owned power transformer manufacturer in North America, providing custom-engineered power transformers for data center, utilities, renewables, and specialty markets. Products range in power from 500 kVA to 500 MVA core type, up to 1,400 MVA shell type. Our mission is to deliver the perfect transformer for any application. To learn more, visit us at [www.vatransformer.com](http://www.vatransformer.com).

## Qualifications

- Six ISO-9001-certified manufacturing plants in North America
- UL-listed dry-type units up to 5000 kVA, 35 kV class, 220°C insulation system, NEMA 1 or 3R
- UL-listed liquid-filled units up to 100 MVA, 69 kV class
- Compliant with all North American standards

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| <ul style="list-style-type: none"> <li>• Rectifier Duty</li> <li>• Paper &amp; Cement Mills</li> <li>• Steel Mills</li> <li>• Motor Start</li> <li>• Fan, Pump &amp; Compressor Operations</li> <li>• Data Centers</li> <li>• Bitcoin Mining</li> <li>• EV Charging Stations</li> </ul> | <ul style="list-style-type: none"> <li>• Hoists</li> <li>• Mining</li> <li>• Drive Isolation (AC, DC)</li> <li>• Chemical Plants/Ethanol</li> <li>• Oil &amp; Gas: Refineries, Pipelines, Storage, etc.</li> <li>• Grounding Transformer</li> <li>• Unit Substation</li> </ul> | <ul style="list-style-type: none"> <li>• Chemical/Hazardous Environment: Class I, Division II, Group C &amp; D</li> <li>• Coastal Environment/Offshore</li> <li>• Cycloconverter Application</li> <li>• Dynamic Voltage Regulator</li> <li>• Zig-Zag Transformers</li> <li>• Special Fluid Transformers: Natural and Synthetic Ester Fluids</li> </ul> |
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### PRODUCT RANGE

Up to 400 MVA 525 kV

BIL 1675 kV

LTC / DETC

Medium Power Transformers

Large Power Transformers

GSU Transformers

Auto-Transformers

Padmount Transformers

Traction Transformers

Rectifier Transformers

Dry-Type Transformers



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Minority Business Enterprise



International  
Organization for  
Standardization