

veryday, millions of people rely on mass transit as a means of transportation. In an effort towards fuel conservation, more and more people are turning to this service. Keeping trains running smoothly is a top priority. Running non-stop, day in and day out around the clock. A service often taken for granted. VTC doesn't take this for granted, we help keep them moving. Since 1977, Virginia Transformer has beem a major contributor to the transit industry with our broad product range for Metro and long distance trains.

It can be a very involved process to meet the many requirements involved with transit, but no one is more capable than VTC. These extra heavy duty traction applications require the transformer to withstand 450% overload each time the trains leave

the station. The frequent varying overloads coupled with ambient temperature variations present a very demanding situation for transit duty transformers. Through our advanced design and engineering, no one has as much to offer in optional solutions as VTC, a one-stop-shop for the transformer industry. From dry type, to liquid filled, VTC will build the best transformer for any application at any size.

Virginia Transformer's experience in specialized areas is just one reason to choose VTC. VTC works with most leading consultants in the transit market while the project is still on the drawing board by offering our expertise in drafting specs to shift the transformers values to even floor space planning. See what VTC can do for your transit needs.

or 50 years, VTC has been making custom-built power transformers. Our history in specialty design laid the foundation for a solid engineering based company specializing in transformer and reactor solutions for industrial, commercial and utility applications. The *NEW* Virginia Transformer now operates 5 manufacturing facilities to service our global markets. Our success comes not only through our dedication to producing a top quality product, but equally through innovations in our processes driving us to the forefront of our markets.

www.**vatransformer**.com

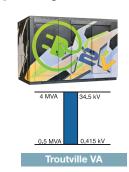


Corporate/National Sales Office 220 Glade View Drive, Roanoke, VA 24012 (800)882-3944 sales@vatransformer.com

#### **Product Range** 525 kV 1400 MVA 525 kV 500 MVA 100 MVA 230 kV 30 MVA 115 kV 30 MVA 12 MVA 69 kV 5 MVA 34.5 kV 0.5 MVA 4.1 kV Chihuahua MX Pocatello ID Rincon GA

# **Expanding Capacity**





# ADDITIONAL SPECIAL APPLICATION RELATED VTC TRANSFORMERS

- Three Phase Voltage Regulator
  - Single Phase Transformer
- Zig Zag Grounding Transformer
  - Scott Tee Connected

(Converts 3 phase to 2 phase)

- Load Tap Changing
  - Autotransformer
- Multi-Winding Secondary/ Drive Duty/Rectifier
  - "Green" Transformers (Ultra High Efficiency)
- Large Special Pad Mount

## WHAT VTC DOES

Providing successful solutions means having the right selection of products. VTC offers a wide range of products, and the ability to customize each one to meet specific needs. VTC meets demanding system requirements such as space constraint, special voltage configurations and tough environmental conditions. Our ability to exceed these needs has gained VTC a solid reputation in supplying power transformers.

High quality, long life units starts with our strength in engineering. VTC boasts a team of engineers that are part of our process from electrical to mechanical to sales application. These resources set VTC apart. All our designs are custom made to client specifications. We look at all the details of the transformer design to assure electrical and magnetic performance to optimize every phase of production.

### MARKET REPRESENTATION

Virginia Transformer Corp uses a network of knowledgeable independent Manufacturers Representatives to support customers and create client satisfaction.

Our representatives auament our team of Sales Engineers and Application Engineers who work with our clients to provide the right transformer for their application.











TORONTO TRANSIT COMMISSION

