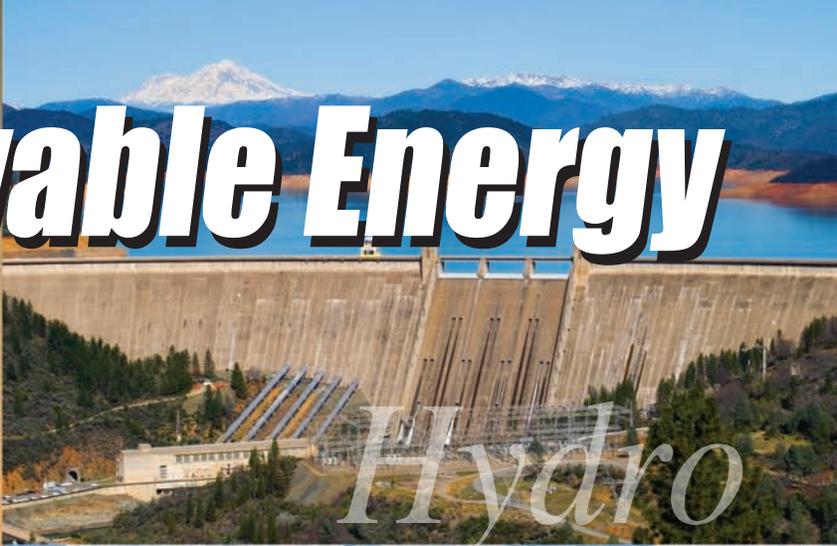




Renewable Energy



Wind



Hydro



Solar

Helping Change The World Of Energy

“Alternative”, “New”, “Innovative”. Three words that describe the world of renewable energy – And three words that have described Virginia Transformer for almost half a century.

Virginia Transformer got its start in custom designing power transformers for unique and challenging applications – applications requiring tight space considerations; applications for round-the-clock, reliable operation in harsh conditions; applications where minimal load losses were absolutely essential. VT met those challenges and has met tens of thousands of challenges since then, to the point where our name is synonymous with providing innovative, cost-efficient solutions for power collection, transmission, and distribution.

So it's only natural that, as one of the largest power transformer manufacturers in the U.S., with perhaps the broadest range of products and applications, Virginia Transformer has been at the forefront in helping to provide power from renewable energy sources. Our clients include Juhl Wind, BP Wind, (solar), and a host of others.

What brings renewable energy developers and project managers to VT? – Expert engineering and quality manufacturing.

VT has over 10,000 designs and test results in the archive maintained at our headquarters in Roanoke, VA where half of the salaried staff are degree engineers. The headquarters Engineering Department oversees design and operations at all three ISO 9001 certified facilities in North America, serving a growing global marketplace. Our manufacturing processes are continually updated with the latest technology, such as computer-guided core cutting, robotic welding and vapor phase drying, and quality control is embedded in each step of the design and manufacturing process.

Whatever your needs – grounding transformers, nacelle transformers, collectors, generator step up, auxiliary transformers - VT can provide them, wherever and whenever you need (we offer the shortest lead times in the industry, in both production of drawings and in actual manufacturing).

VIRGINIA TRANSFORMER – WE'RE HELPING CHANGE THE WORLD OF ENERGY

VTC HISTORY

- 1971 – VTC established
- 1982 – Current president assumes management
- 1989 – manufactures first LTC transformer
- 1995 – Opened 2nd manufacturing facility in Chihuahua, Mexico
- 1997 – first achieves ISO 9001 certification
- 2003 – Purchased medium power transformer facility, Pocatello, Idaho
- 2005 – Testing facilities upgraded enabling “front of wave” and “switch and search” testing
- 2009 – Vapor Phase Drying added

Virginia Transformer Corp was established in 1971 providing power transformers to the mining industry in the Appalachian Mountains. Today with over 35 years of experience in manufacturing power transformers, we are all over the world. Markets serviced include, Commercial, Industrial, Utility, Export and Renewable Energy. Renewable Energy includes, Wind, Solar and Geo-Thermal.

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 not only meet, but exceed these needs has gained VTC a solid reputation in supplying power transformers. High quality, long life units. That's what VTC provides. This starts with our strength in engineering. VTC boasts a fleet of engineers that are an integral part of our process. From electrical to mechanical to sales application. The strength of these resources is a large part of what sets VTC apart. All our designs are custom made to client specifications. Through automation, experience and intelligence, we are able to develop the best design for each individual need. We look at all facets of the transformer design to assure electrical and magnetic performance to optimize every phase of production, including cost.

SPECIAL APPLICATION RELATED 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)

SOME OF VTC's RENEWABLE PROJECTS

WIND

- Edom Hills / Desert Springs, CA / 15 MVA
- Roe Heights, SD / 17 MVA (LTC)
- Hilo, HI / 15 MVA (LTC)
- Prince Edward Island / 30 MVA
- Wolverine Creek Wind Farm / Idaho Falls, ID 45/60/76 MVA
- Bangore ME. / 37.5 MVA (LTC)
- UPC Wind / Prattsburgh, NY / 39 MVA
- Ciambro / Stretton, ME / Grounding Transformer

SOLAR

- Mosca, Co 12/16/20 MVA

HYDRO

- Bangore Hydro / Bangore, ME
 - 7.5 MVA
 - 15 MVA
- AEP / Winfield, WV / 18 MVA

GEOTHERMAL

- Raft River Geothermal Power Plant / 18 MVA

