



A Leading Industry In  
Garrett County, Maryland

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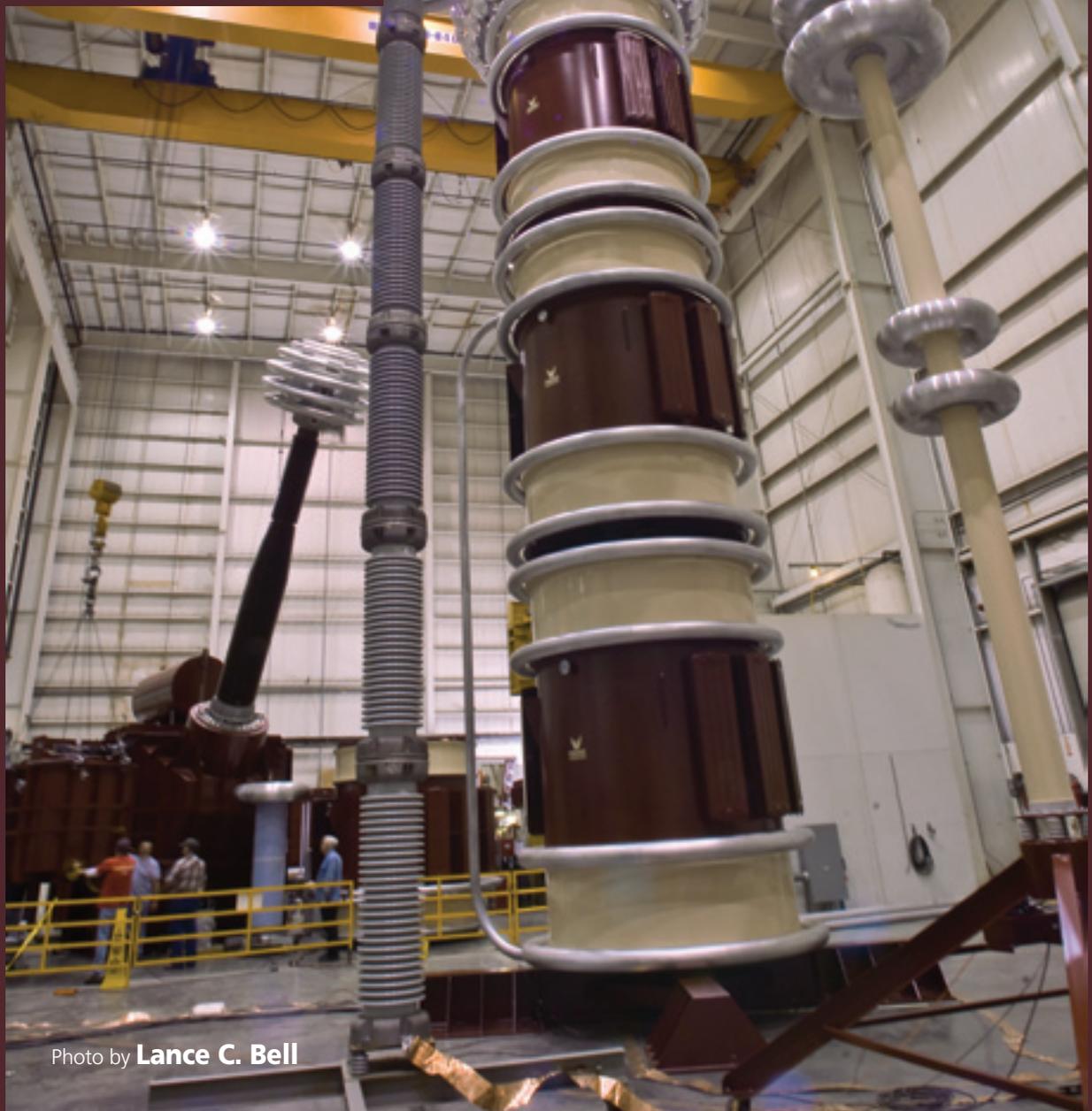


Photo by **Lance C. Bell**

1.2 Million Volt AC unit undergoing final checkout.



Phenix Technologies, at home in Accident, Maryland, is a proud part of Garrett County.

## High Voltage – High Current – High Power Welcome to Global Leader, Phenix Technologies

While driving through the quiet town of Accident in Garrett County, on your way to or from western Maryland's four-season resort, Deep Creek Lake, you may have noticed a large brick building with a larger gymnasium-style metal building attached. Eyeing the building's sign, you may at first glance think it to be a technical school. With a 65 foot ceiling clearance in 10,000 of this 70,000 square foot building, you could have imagined just about anything. But what you never would expect is that the building houses Phenix Technologies, one of only three manufacturers of high voltage, high current and high power test systems in the world. Engineered and produced on-site, these massive one million-plus voltage systems look like they were made for SCI-FI films, but in fact are manufactured for government standards labs and corporations around the globe. So how did this internationally recognized manufacturer of high power test systems end up in small town America? Fortunately, this was no accident.

In 1989, four men in various businesses of the high voltage and test system industry, formed a corporation to purchase locally-based American High Voltage, changing its name to Phenix Technologies, meaning "rebirth." American High Voltage originally started in 1975, in the building that now houses the Old Flour Shop

Bakery, and later moved to its current location in the Industrial Park where it grew from a 10,000 square foot facility to 33,000 square feet over the years.

Over the next twenty years, Phenix Technologies introduced innovative products to the market, pushing the boundaries of high voltage and high current technology to find new and better ways to expand the industry's most comprehensive product lines and enabling them to become the successful industry leader they are today. From 1990, Phenix Technologies introduced new products such as voltage regulated high power motor test systems, computerized transformer test systems, computer controlled circuit breaker and recloser test systems, fully automated transformers and more. These industry developments gave Phenix the

*"The high voltage test equipment business has been a part of my life for over 30 years. I've watched the company grow, had the opportunity to travel to many countries, and meet and work with a variety of people. But best of all, is being located here in Garrett County, Maryland. I've worked beside many of the local life-time residents, as myself, and very proud of the magnitude of accomplishments our employees together have made and contributed to this industry."*

**Frank J. Vitéz, President**





opportunities to bid and win world-wide contracts for some of the largest test systems available today. From the largest motor core loss tester model of its time in 1993, the world's largest motor tester in 2007, to the largest one-million volt dead tank resonant test system in 2006, and the newly delivered 1.2 million volt AC Dielectric test system in the spring of 2010, the engineers at Phenix Technologies continue to test their own limits of developing customized systems for industry leaders.

In 2005, Phenix Technologies moved into their new 70,000 square foot state-of-the-art manufacturing facility with a 65 foot high ceiling for their high voltage test systems and a forty-ton capacity bridge crane that glides overhead in the high bay.

“Much of our success is due to our people and their commitment to the company’s vision,” says Frank Vitéz, President of Phenix Technologies. “When you have talented people on board, anything is possible. Our people offer a unique blend of knowledge and experience that’s vital to the development of custom solutions for industry leaders,” he concludes.

In addition to the engineering development, every component of these units, from the transformers to the tanks and cabinets in which the systems are housed, are manufactured onsite to allow the monitoring of every production detail. “The building of this type of equipment takes the skills of true craftsmen, with many of the construction details reaching a true art form, passed on from masters of the trade,” adds Vitéz.

So what exactly are these test systems and components? From standard test products designed for single and three phase transformers, to custom high power and high voltage applications with up to two-million volts, these systems test voltage and current levels of components for electrical utility companies, motor repair industries, original equipment manufacturers, transformer manufacturers, cable manufacturers and service contractors, high voltage test labs and field service organizations.

**Top photo: 150,000 volt AC test system.**

**Bottom photo: 100kV Open Circuit Water Cable Terminations.**



While Phenix Technologies may be headquartered in Accident, Maryland, representatives are located in more than forty-five countries and corporate offices are strategically located in Basel, Switzerland and Taipai, Taiwan. Phenix products have been shipped to over 100 countries, and it is not unusual for them to have people in a half dozen countries on any given day.

“Our company history is rich here in Accident,” says Mr. Vitéz. We’re passionate about making positive contributions to our community and are proud to be good neighbors by supporting many area organizations and charities. We may be a global leader, but we operate on small town values.”

For more information on Phenix, please visit  
[www.phenixtech.com](http://www.phenixtech.com)

**Top right photo: 1,500 KVA Motor Test Set capable of running motors up to 7,500 HP.**

**Middle right: Winding a 350,000 volt transformer coil.**

**Bottom right: Calibrating a utility linemans glove tester.**

**Below: An assortment of portable Phenix test units.**

