

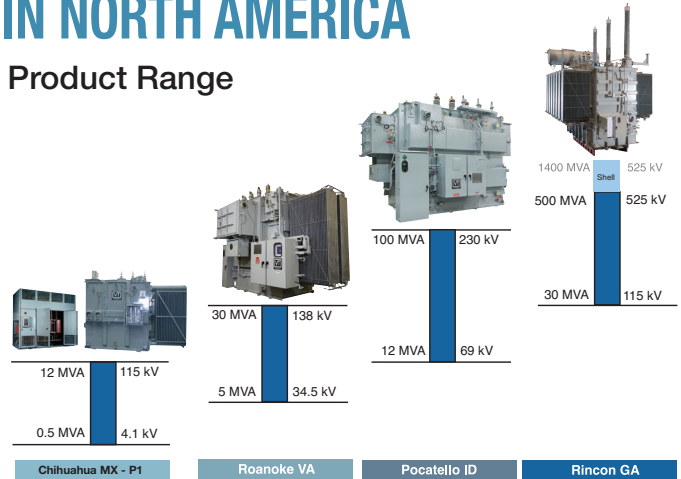
VIRGINIA - GEORGIA TRANSFORMER
ONE SOURCE-ONE COMMITMENT

OVERVIEW WHAT WE OFFER

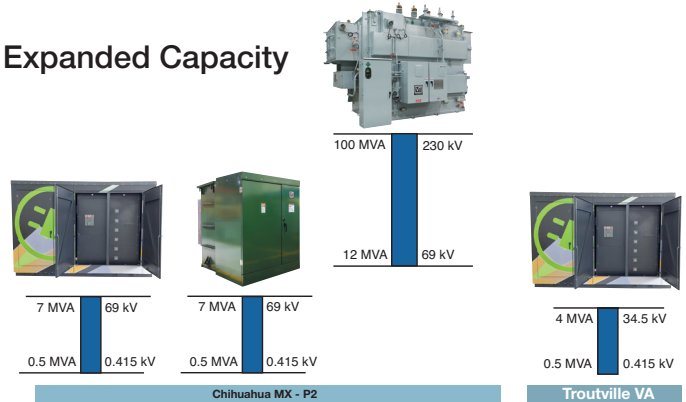
FIVE (5) MANUFACTURING PLANTS IN NORTH AMERICA

With five manufacturing plants
in North America,
Virginia - Georgia Transformer
is the largest US-owned
manufacturer of power
transformers and offers the
broadest product range.

Product Range



Expanded Capacity



67,000 MVA ANNUAL CAPACITY

KEY BENEFITS

- No delay in start up - Savings (\$\$)
- No failure due to internal defects - Savings (\$\$)
- Can offer 5, 10, 15-year warranty (Peace of mind)
- Prompt, hassle-free warranty service - Savings (\$\$)

PRODUCT RANGE

Up to 400 MVA 525 kV

BIL 1675 kV

LTC / DETC

Medium Power Transformers

Large Power Transformers

GSU Transformers

Auto-Transformers

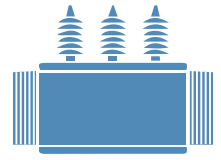
Padmount Transformers

Traction Transformers

Rectifier Transformers

- Torqued bolts with pre-compressed washers to maintain contact pressure
- Selection of pressure points on the end ring to apply uniform pressure on the coil
- Coil compression using hydraulic isostatic technology
- Robotic welding technology
- Leak-free nitrogen system
- Polyurethane on epoxy paint systems
- Lifting eyes and jacking pads for protection from paint damage
- Checking contact resistance of crimps
- Touch-up paint for incidental use
- Installation video
- Winding tension for short-circuit strength
- VCM to monitor moisture and hydrogen – sends signals for diagnosis / lifetime assessment
- Rounded metal edges
- Corona shields on bolt heads
- Testing of DETC and switches for ease of turning – not binding
- Secured the shaft of DETC from disengaging
- Lifting lug designed with safety factor 5
- Laser assembly of core and coil to maintain alignment for clearance uniformity
- End rings designed to absorb short-circuit force
- Oil moisture PPM and dielectric assurance

OUR FACILITIES



VTCR - Roanoke, Virginia

Our corporate headquarters was designed and constructed specifically to produce power transformers. This 145,000-square-foot manufacturing facility is absolutely state-of-the-art. **ISO 9001:2015**



VTC - Troutville, Virginia

An extension of the Roanoke facility, the tank fabrication, sand blasting, and paint process were relocated to this 125,000-square-foot building in December 2013. The tank fab plant is equipped with a welding robot that delivers leak-free welds. **ISO 9001:2015**



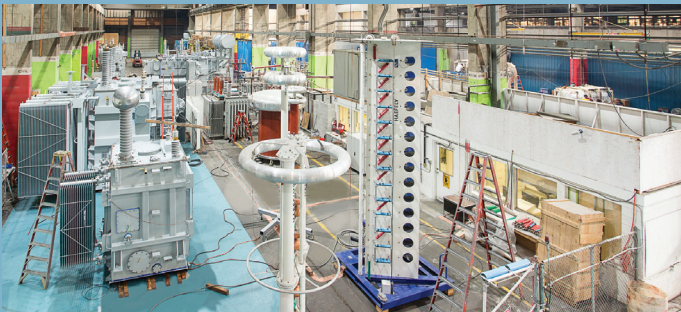
VTCW / P1 - Chihuahua, Mexico

The 82,000-square-foot plant is a modern facility equipped to produce small power and liquid-filled transformers. They have achieved 100% First Pass Yield and 100% on-time Ready to Ship ratings. **ISO 9001:2015**



VTCW / P2 - Chihuahua, Mexico

In operation since late 2022, our newest facility features four production lines that quadruple capacity for E2X pad-mounted transformers. P2 also manufactures distribution transformers up to 35 kVA, 7.5 MV; Integrated Power Modules; and dry-type transformers up to 35 kVA, 150 BIL, up to 7.5 MVA. The facility is more than 300,000 square feet.



VTCU - Pocatello, Idaho

We acquired this 180,000-square-foot plant in 2003 from UST West when it was a repair facility. After investing in upgrades at the plant, it is the best-equipped medium power transformer plant in America. **ISO 9001:2015**



Georgia Transformer Corp. - Rincon, Georgia

Acquired in 2015, this 250,000-square-foot facility is a state-of-the-art temperature-controlled environment. World-class practices and technology allow the plant to produce our largest transformers with a 60-year service life. **ISO 9001:2015**

FIELD SERVICE

Field installations, maintenance, and repairs for electrical substations are performed by experienced design engineers and service specialists.

TESTING

A full array of tests including inspection, analysis and recommendations for peak operation are available.

Virginia Transformer Corp

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