

Providing Reliable Power to

DATA CENTERS



at&t

Google

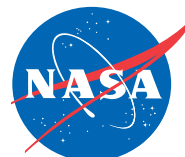


VANTAGE
DATA CENTERS



RagingWire
DATA CENTERS

JPMorganChase



S U P E R N A P

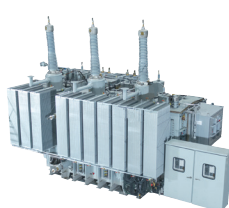


CORESITE

In this electronic age, storage, back-up and security of data is invaluable. From megabytes to terabytes, saving information securely is a basic requirement, and failure simply is not an option. For data centers to ensure this peace of mind, they depend on the most reliable components for their electrical power value chain. Power transformers from **Virginia-Georgia Transformer** are a critical part of this value chain.

With nearly 50 years of engineering and manufacturing experience and expertise, **VT-GT** can offer solutions for the primary value drivers of a data center: Low Power Usage Effectiveness (PUE) ratio, Minimal Downtime, Sustainability, and monitoring capability at Data Center Infrastructure Management System.

Comprehensively meeting the requirements of the transformer application is the first consideration for **VT-GT**. All aspects of the transformer are given full, and thorough analysis. **VT-GT** maintains a rigid standard of quality throughout the manufacturing process, and our engineers will develop the best transformer for the application with the best quality, and Best-In-Class Service.

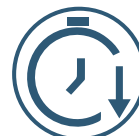


VIRGINIA - GEORGIA TRANSFORMER
ONE SOURCE-ONE COMMITMENT

Data Center Value Drivers



LOW PUE



MINIMAL DOWNTIME



SUSTAINABILITY



MONITORING CAPABILITY at
DATA CENTER INFRASTRUCTURE
MANAGEMENT SYSTEM



HIGH EFFICIENCY DESIGN
60 Year Life



60 YEAR LIFE THROUGH:

- Industry Leading MTBF*
- Robust Engineering
- Flawless Execution
- Continuous Monitoring
- 5Q Quality Model
- 24/7 Continuous Monitoring & Service
- World Class Partial Discharge Levels

MTBF*-Mean Time Between Failures



BIODEGRADABLE OIL DESIGN
up to 150 MVA

- Low Sound
- Low Loss



Monitoring Capability at SCADA:

- Diagnostic & Protection
- Trending & Alarms
- Loss of Life Calculation



Pad Mount Transformer



Large Power Transformer

DATA CENTER PROJECTS



Date	Customer	User	User location	Qty	KVA	KV	Type
2022	Devcon Cons, CA	Skybox Datacenter	Memorex, CA	3	30000	60	Load Tap Changer
2022	Vantage Data Centers	Vantage Datacenter	Santa Clara, CA	2	60000	60	Load Tap Changer
2022	QTS Data Centers	QTS Data Centers	Multiple Locations	150	2550	34.5	PadMount FR3
2022	Franklin Electric	Aligned Datacenter	West Jordan, UT	4	3360	12.47	Pad mount FR3
2022	Franklin Electric	Aligned Datacenter	West Jordan, UT	17	3360	34.5	Pad mount FR3
2022	Franklin Electric	Aligned Datacenter	West Jordan, UT	4	56000	138	Mineral Oil
2022	IRIS Energy	McKenzie Data Center	BC, Canada	1	60000	138	Mineral Oil
2021	Turtle & Hughes	NY Life Clinton Datacenter	New York, NY	1	7000	34.4	FR3
2021	IRIS Energy	Prince George Data Center	BC, Canada	1	60000	66	Mineral Oil
2021	Compass Datacenter	Compass Datacenter	Red Oak, TX	2	168000	138	FR3
2021	Codale Electric Supply	Super nap Data Center	McCarran, NV	1	65000	230	Mineral Oil
2021	IRIS Energy	McKenzie Data Center	BC, Canada	1	60000	138	Mineral Oil
2020	Compass Datacenter	Compass Datacenter	Red Oak, TX	2	168000	138	FR3
2020	TierPoint Datacenter	TierPoint Datacenter	Allentown, PA	2	37240	69	Mineral Oil
2020	Franklin Electric	Aligned Energy	Ashburn, VA	1	36000	34.5	FR3 Oil
2020	Aubrey Silvey	Raging Wire	Santa Clara, CA	2	29870	60	FR3
2019	Cyrus One	Cyrus One	Santa Clara, CA	2	100000	60	Mineral Oil
2019	Franklin Electric	Aligned Energy SLC	West Jordan, UT	1	56000	138	Mineral Oil
2019	Iron Mtn. Datacenter	Iron Mountain	Edison, NJ	2	40000	26.4	Mineral Oil
2019	Aubrey Silvey	Digital Realty Trust	Chandler, AZ	2	60000	69	Mineral Oil
2019	Compass Datacenters	Compass Datacenters	Goodyear, AZ	2	150000	69	FR3 Oil
2018	Franklin Electric	Aligned Energy Data Center	Ashburn, VA	2	36000	34.5	FR3 Oil
2018	EBAY	Topaz Data Center	Salt Lake City, UT	1	42400	138	Mineral Oil
2017	Z Power & Distribution	Core site Data Center	Los Angeles, CA	2	10000	34.5	FR3 Fluid
2016	GEXPRO	Ragingwire Data Center,	Garland, TX	2	15000	138	Mineral Oil
2016	Codale Electric Supply	Super nap Data Center	McCarran, NV	1	24000	120	Mineral Oil
2013	Digital Realty Trust	Digital Realty Trust	Totowa, NJ	2	50000	69	Mineral Oil
2011	Holder Construction	Chevron Data Centre	San Antonio, TX	2	14000	33	Mineral Oil
2013	Holder Construction	Chevron Data Centre	San Antonio, TX	13	2000	13.8	Dry Type
2013	Holder Construction	Chevron Data Centre	San Antonio, TX	1	2400	13.8	Dry Type
2012	Turtle & Hughes, Inc.	Telus Data Center	Kamloops, BC	2	8000	24.42	FR3 Fluid
2010	Turtle & Hughes, Inc.	Credit Suisse	Clifton, NJ	2	20,000	26.4	Mineral Oil
2009	Ameren Services Dept.	Sisters of Mercy	Washington, MO	2	5600	34.4	Mineral Oil
2009	CED-City Elect. Supply	NASA Ames Research Cntr.	Moffett Field, CA	2	15,000	125.6	LTC
2009	Samson Elect. Supply	Johnson & Johnson	New Brunswick, NJ	2	15,000	26.4	Mineral Oil
2009	Cooper Elect. Supply	Topaz	West Jordan, UT	2	22,700	138	LTC
2009	Oracle	Oracle	West Jordan, UT	2	15,000	138	LTC
2008	B&S Electric Supply	AT&T	Lithia Springs, GA	1	20,300	24.9	Mineral Oil
2008	Turtle & Hughes, Inc.	Citigroup	Rutherford, NJ	2	10,000	26.4	FR3 Fluid
2008	Alfa Tech Cambridge	Symantec	Tucson, AZ	2	10,000	46	LTC + FR3
2008	Turtle & Hughes, Inc.	Goldman Sachs	Bridgewater, NJ	2	20,000	26.4	Beta Fluid
2007	Turtle & Hughes, Inc.	Bear Stearns	Whippany, NJ	2	16,000	34.5	LTC+Silicone
2007	Turtle & Hughes, Inc.	AT&T	Middletown, NJ	1	7500	34.5	Mineral Oil
2007	Siemens E&A	McGraw-Hill	Hightstown, NJ	1	15,000	34.5	LTC + Beta
2007	Siemens E&A	McGraw-Hill	Hightstown, NJ	1	15,000	34.5	LTC + Beta
2007	Turtle & Hughes, Inc.	JP Morgan Chase	Carlstadt, NJ	2	20,000	26.4	Mineral Oil
2007	Satin American	AT&T	Secaucus, NJ	1	12,000	26.4	Mineral Oil
2000	Parsons	AT&T	Lithia Springs, GA	1	20,300	24.9	Mineral Oil