



TRANSMAG

ENERGY

a **RESA POWER** company

**POWER TRANSFORMERS
MANUFACTURER**



SGE

Société
Générale
d'Électrotechnique

a **RESA POWER** company

A Canadian company



TRANSFORMERS MANUFACTURER

Transmag Energy is a Quebec-based manufacturing company specializing in the design and manufacture of liquid-filled power transformers. The company was created by a team of specialists recognized as experts in their field.



RELIABILITY



PROFESSIONALISM



QUALITY

PRODUCTS YOU CAN COUNT ON

Our line of liquid-filled power transformers ranging from 3 to 47 MVA and up to 138 kV. Transmag Energy also has the skills, know-how, and production and testing equipment to accommodate complex applications.



A SECURE INVESTMENT



THOROUGH
QUALITY CONTROL



TRANSFORMERS
DELIVERED, INSTALLED,
AND COMMISSIONED ON TIME



ISO 9001 AND ISO 45001
CERTIFIED COMPANY



TRANSFORMERS



Our durable transformers deliver outstanding quality and reliability to boost the productivity and efficiency of your operations. Our expertise is in highly specialized power transformer applications:

- Three-phase transformers
- Single-phase transformers
- Autotransformers
- Isolation transformers
- Zigzag grounding transformers

Our line of liquid-filled power transformers 3 to 47 MVA and up to 138 kV. We also design and manufacture custom transformers up to 88 MVA.

MARKETS AND APPLICATIONS

- Power production
- Industry
- Transmission and distribution
- Paper mills
- Cement plants
- Mining operations
- Petroleum gas: refineries, pipelines, etc.
- Coastal/offshore environments



MADE TO MEASURE

Our power transformers are designed to meet customers' specific needs and requirements. Looking for a transformer with custom options and features? Our teams are ready to put their know-how to work for you.

CORES

Only the best materials go into our transformer cores. We use high-grade grain-oriented steel for superior quality parts that exceed technical standards.

WINDINGS

Custom windings allow us to ensure optimal transformer configuration. We carefully select the best conductors and insulating materials and use a disc-coil design to guarantee quality and reliability.

TANKS

Our transformer tanks meet the highest quality standards. The steel tanks are X-ray tested and welded by certified CWB professionals, then coated with a paint specially designed to withstand extreme weather conditions.

CONTROL PANELS

Ultra-sophisticated transformer controls allow you to monitor and adjust operation with a high degree of precision.

TEST LABORATORY



Our engineering department makes available to our customers a test laboratory equipped with the latest technology.

- Impulse voltage generator (BIL)
- Sound intensity and/or pressure measurement
- Dielectric (hipot) test stations
- Extreme high precision loss measurement system
- Modular variable voltage and frequency electronic test sources for induced voltage, no-load, and load testing.
- Instrumentation for measuring partial discharge
- Capacitance and dielectric loss factor measurement
- Sweep frequency response analysis (SFRA)
- Winding resistance measurement
- Transformer voltage ratio measurement

ULTRAMODERN COMPLEX

With the support of cutting-edge technology, our experts work in an ultramodern environment equipped with the most sophisticated tools, machinery, equipment, and testing instruments in the industry.





ONSITE SERVICE

When it comes to installation, maintenance, and emergency situations, our team of specialists is ready to respond onsite at any time. And if the situation requires specific expertise in electrical systems, we'll call in the specialists at Gemitech for reinforcement.

DIAGNOSTICS

- Insulating oil analysis
- Dielectric loss measurement
- Sweep frequency response analysis (SFRA)
- External partial discharge detection
- Leakage reactance measurement
- Winding resistance measurement
- Transformer voltage ratio measurement
- Tap changer checks
- Accessory checks
- Visual inspections
- Control, command, and protection component checks
- Infrared thermographic inspections

REPAIR SERVICE

Transmag Energy provides complete onsite equipment setup and repair services. We also have a mobile oil treatment and vacuum filling unit with a capacity of 5,000 liters per hour.



24-HOUR EMERGENCY SERVICE
418 841-2080



**RESPECTED
PROFESSIONALS**

Our strength lies in the extensive expertise and experience of our team. At Transmag Energy, we take pride in working with the best in the business. Our professionals, all experts in their field, have designed and manufactured hundreds of transformers for highly demanding—and satisfied—customers.



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