

ECO FLUID INDUCTIVE VOLTAGE TRANSFORMER

550 kV

Inductive Voltage Transformers utilizing **eco-friendly insulation fluid** provide accurate and reliable voltage transformation, measurement, merging proven safety with eco-friendliness.



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TRENCH GROUP INSTRUMENT TRANSFORMER | ECO FLUID INDUCTIVE VOLTAGE TRANSFORMER



TRENCH
Sense the Power

ECO FLUID INDUCTIVE VOLTAGE TRANSFORMER

CHARACTERISTICS

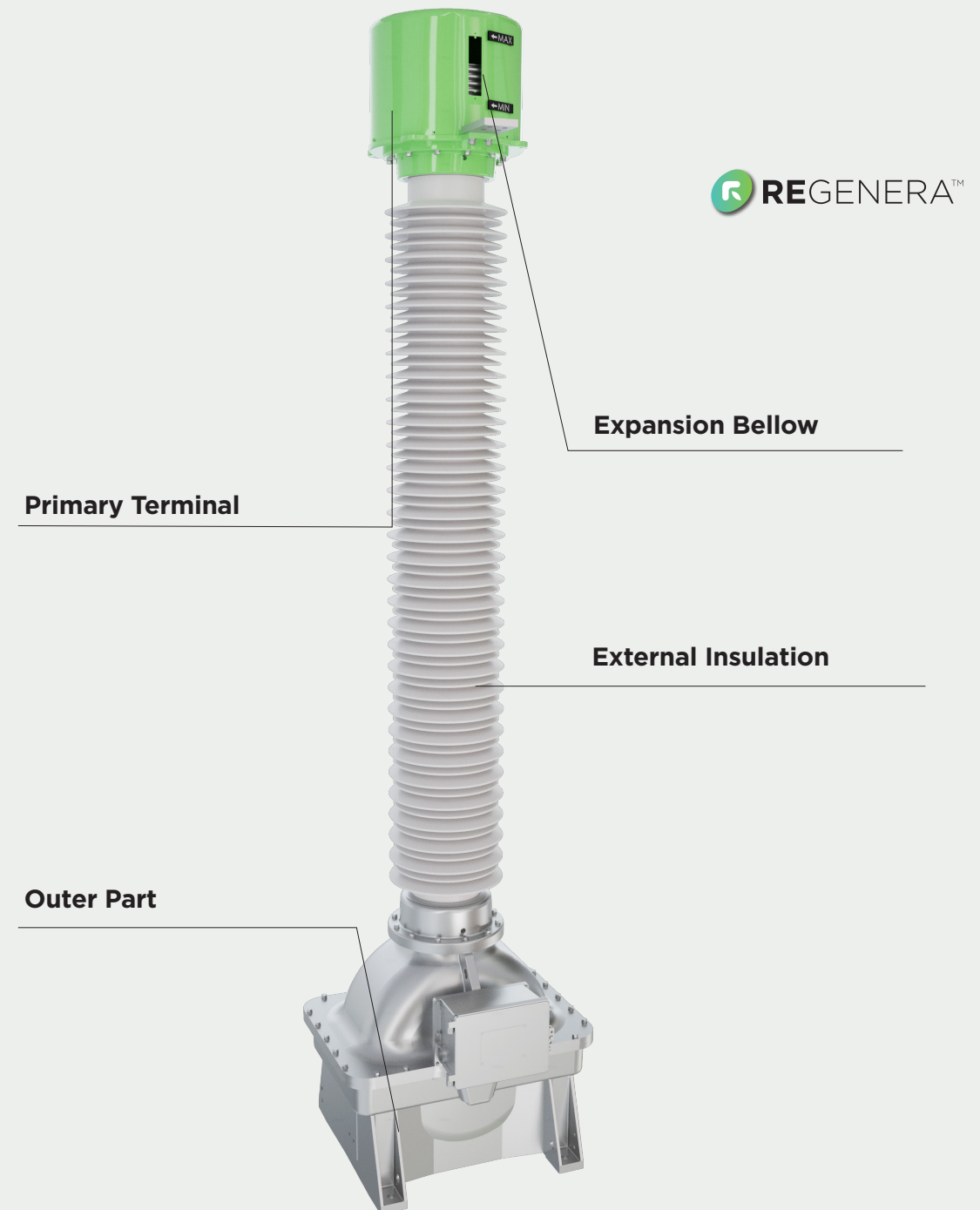
- For Voltage levels up to 550 kV
- Fully type-tested according to International Standards
- Paper – Eco Fluid internal insulation

GENERAL

- Replacement for equivalent mineral conventional fluid-filled products – thanks to the same dimensions
- Water protection areas
- Underground substations

SUSTAINABILITY

REGENERA™ is our holistic approach to protecting ecosystems, fostering environmental harmony and promoting a circular economy.



MAIN FEATURES

Eco Fluid Inductive Voltage Transformers ensure accurate and reliable voltage transformation – eco-friendly, proven, and safe.



Environmental

The use of Eco Fluid as an insulator reduces the risk of environmental damage. The fluid is biodegradable according to OECD 301, improving the environmental balance throughout the product life cycle.



Proven Design

Trench Eco Fluid instrument Transformers are based on our conventional and proven insulation, well known worldwide since long time.



Seismic

The higher flashpoint of the Eco Fluid increases the fire safety of the transformer.



High Voltage Insulation

The high-Voltage insulation is made by the use of high quality paper and an Eco Fluid. Fine graded bushings ensure that the electric field is optimised inside and outside the Transformer.



Hermetically Sealed

In all operating conditions, a stainless steel bellow allows the liquid volume to change and the internal pressure to remain the same as the ambient pressure.



Modular Design

Modular design eliminates the need for a wide range of components.

PRODUCT APPLICATIONS

INSIDE THE PRODUCT FAMILY

Designs of Eco Fluid Voltage Transformers

Trench's Eco Fluid Insulated Instrument Transformers reduce the risk of environmental damage, thanks to an insulation fluid classified as "readily biodegradable" according to OECD 301.



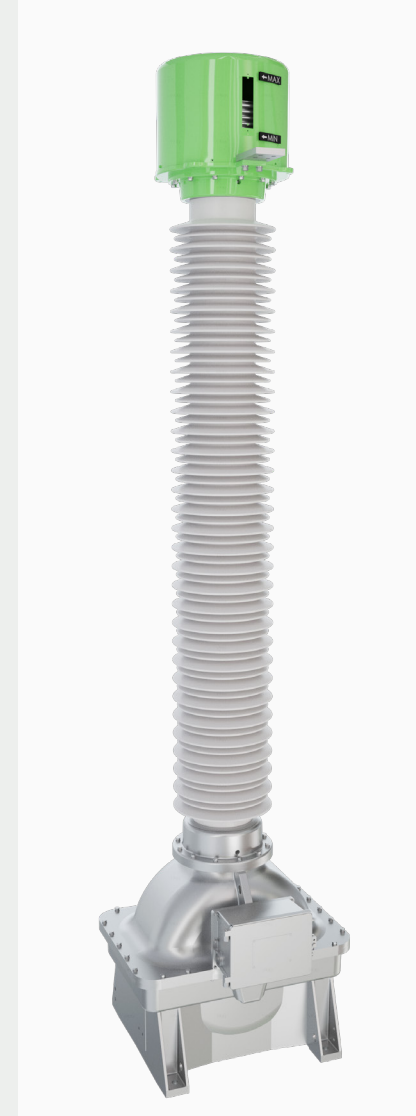
VMTa

Trench Eco Fluid Inductive Voltage Transformers for a Voltage level up to 72.5 kV.



UT5

Trench Eco Fluid Inductive Voltage Transformer for the North American Market.



VEOT

Trench Eco Fluid Inductive Voltage Transformers for a Voltage level up to 300 kV.



VEOS

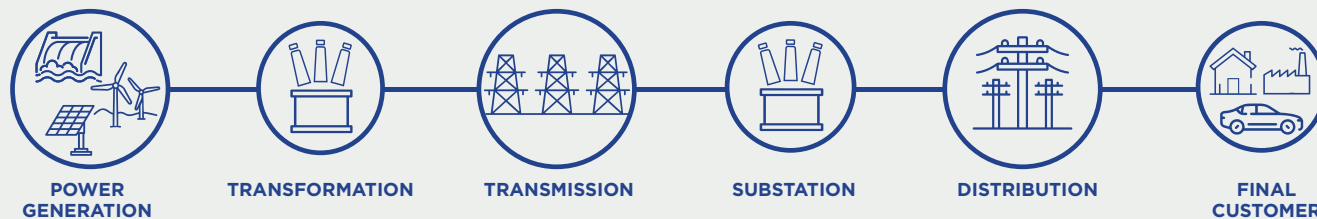
Trench Eco Fluid Inductive Voltage Transformer for a Voltage level higher than 300 kV

THE **FUTURE** OF ENERGY IS **NOW** AND IT'S **EXTRAORDINARY**

THE CRUCIAL ROLE OF POWER TRANSMISSION

Our vision of a sustainable future starts with an eco-friendly portfolio of high voltage products and systems, brought to you by our dedicated team of global innomakers.

Our mission is to support our customers, from power generation through transmission and distribution to the electricity consumers, in their transition to clean energy and a greener world.





Get in touch:

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