BRUGG CABLES Well connected. | Terna Energy Solutions

BRUGG CABLES Well connected. | Terna Energy Solutions

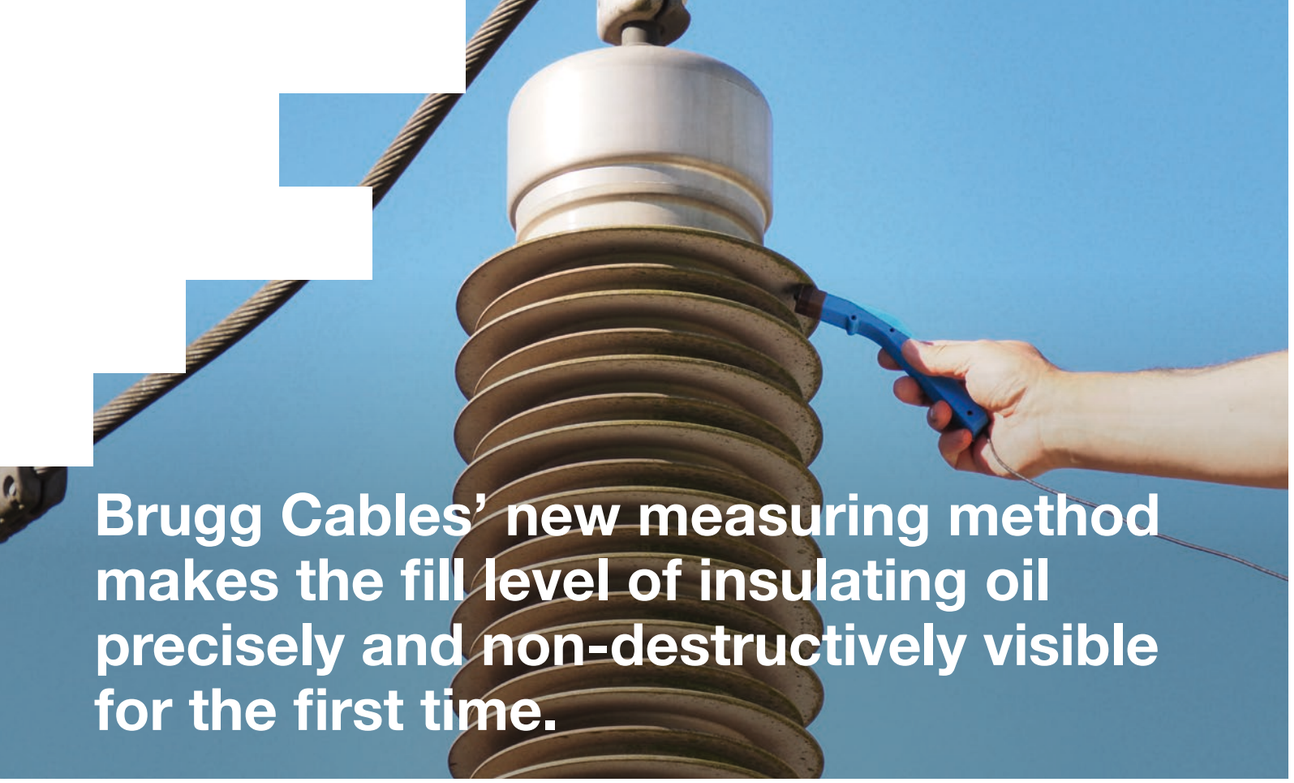
# Increased operational safety through precise oil level monitoring

## Asset Management & Services

Preventive Maintenance




www.bruggcables.com



# Brugg Cables’ new measuring method makes the fill level of insulating oil precisely and non-destructively visible for the first time.

With our new, unique worldwide measuring method, operators can now precisely determine the fill level of insulating oil – safely, quickly and non-destructively. An innovative step that transforms trust into measurable security – for networks you can rely on.

**Unique on the market:**
Brugg Cables is the only company worldwide with this expertise and the only provider of this technology.

**Regardless of the accessory manufacturer:**
The measurement can be performed by all manufacturers of composite open-air terminals.

### Why fill level measurement is useful:

- After a long runtime:
  Is there still enough oil present after many years of operation to ensure operational safety?
- Following any abnormalities or leaks:
  How much oil has already leaked? Is the oil level still sufficient? How urgent is the repair?

## Your benefits at a glance

**Early detection – maximum operational safety**
Potential leaks or changes in oil level are detected early – before they become a matter of safety. This is how you increase the reliability and lifespan of your systems.

**Precise measurement – without interfering with the system**
The measurement is performed externally, non-destructively and with very short service interruption – quickly, safely and reproducibly.

**Transparent decision-making basis for maintenance and service**
Measurement data provides an objective basis for maintenance decisions, spare parts planning and asset management.

**Unique worldwide – developed by Brugg Cables**
exclusively in collaboration with our testing institute and implemented on site

**Efficiency through speed and simplicity**
A measurement result in approximately 15 minutes per terminal – including protocol

## Here’s how it works

**Ultrasound technology:** Specially developed, high-precision oil level measurement using ultrasonic sensors and evaluation software

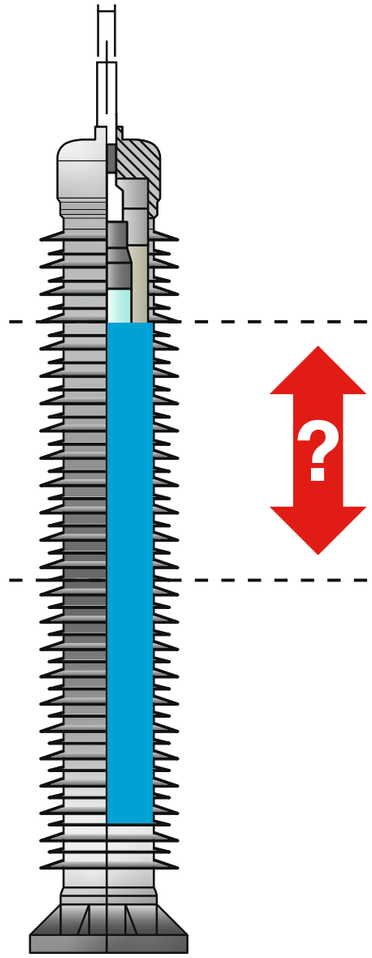
**Simple procedure:** No manipulation, no lead time required, measurable from the outside, usable from 110 kV

**Documented results:**
- Documentation including weather and temperature data, as well as a comparison with the assembly instructions.
- Evaluation by Brugg Cables Engineering (for Brugg cable sets).

Greater security for your network operations – with Brugg Cables, the only provider of this technology.

Contact us for more information or to schedule an appointment.




## Never touch a running system – BUT pay attention to its condition!

Visit our website