

# VBIK – NEWS

## Club meeting on April 24 2024

Number 6

Västerbergslagen Engineering Society

April

### ***SF<sub>6</sub> replacement gases for Circuit Breakers and GIS*** ***Presentation will be held in English***



**Edwin Gutierrez**, EconiQ LTA Business Developer, Hitachi Energy, and **Per Holgersson**, Hitachi Energy, will present replacement gases to SF<sub>6</sub>.

The EU, through its long-term Green Deal strategy, aims to reduce greenhouse gases by 100% by 2050. Current production and use of energy represents 75% of greenhouse gas emissions in its different cycles. In this industrial segment, the use of fluorinated gases to interrupt and cut electrical energy is common. These types of gases are potent greenhouse gases and EU wants to eliminate use of those by 2032. In high voltage electrical systems, SF<sub>6</sub>, has been used for more than 40 years for the interruption of electric currents due to its good properties, but handling and final disposal has been a challenge all along. Thus Hitachi Energy has developed a new portfolio of products for high-voltage systems called EconiQ, which eco-efficiently replaces the SF<sub>6</sub> gas. The presentation will disclose the technical and environmental properties of the replacement gases used for circuit breakers and GIS.

**TIME: Wednesday April 24, 2024 at 6:00 pm**

**VENUE: HÖGBERGSKYRKAN, S. Järnvägsgatan 29**

Sandwiches and beer/drink at SEK 50 will be served from 5:15 pm

Registration for sandwich/beverage: Harvey Hammarsten

[clubmaster@vbik.se](mailto:clubmaster@vbik.se) or 070-678 74 32 latest Monday Apr 22

**Mingle gathering from 5:15 pm**

**Not member yet: Please apply at <https://vbik.se/ehome.php>**



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