

# Next Generation Network (NGN) Webinars



## Switching from SF6 to Something Better? A Norwegian Researcher's Travel Through her Education, Different Gases and from MV to HV

### Summary

This presentation will be a mix of two main topics: Nina Støa-Aanensen's personal story from high school in a small coastal town of Norway to becoming a senior researcher at SINTEF Energy Research (and the ups and downs that came along the way), and how it fits with the parallel story of the revolution in switchgear industry, where SF6 is to be replaced by something more environmentally-friendly. The presentation will try to cover both information on switchgear technology, and [good or bad] advice / experience on life in general.

### Speaker

Nina Sasaki Støa-Aanensen took a Master of Science degree in Applied physics and mathematics at the Norwegian University of Science and Technology, followed by a PhD in Electric Power Technology with the title "Air Load Break Switch Design Parameters". Today, she works as a senior researcher at SINTEF Energy Research, Trondheim, Norway. SINTEF is one of Europe's largest independent research organisations. She is active in CIGRE as a national representative in study committee A3, especially within the field of SF6-alternatives. SINTEF has a close collaboration with the Norwegian University of Science and Technology (NTNU), and co-supervise phd candidates and master students. Outside work, she likes spending time with her dog and husband, either through agility training or long walks in the forest.

### Links & Information

Wednesday, December 18, 2024  
11 am CST | 12 pm EST

Duration: 1 hour

[Register Here](#)



**Nina Sasaki Støa-Aanensen**

**SINTEF Energi**

*Senior Research Scientist*