

Research plans and needs for the Nordic transmission-system operators

Luleå University of Technology and IEEE Sweden, 11 November 2020, via Teams.

Registration (by November 4th) on https://simplesignup.se/private_event/173568/d361cfe70a

There is lots of talk about changes in electricity production and consumption, from LED lamps to electrification of the steel industry, from bicycle lanes producing electricity to a new generation of nuclear power station. This webinar is not about all those changes, but about the large transmission system covering Norway, Sweden and Finland, that ensures that it all works in the way that the customers want.

Today's seminar will be given by the persons in charge of research at the transmission-system operators in those three countries: Statnett, Svenska kraftnät and Fingrid. They will tell us about the ongoing research and about their need for research, all so that they can keep on ensuring that everything will go as it should. As the brief CVs below show, all three have many years of experience in R&D as seen from the transmission system operator.

- Opening and introduction, Math Bollen, Luleå University of Technology
- The view from Finland, Jussi Matilainen, Fingrid
- The view from Norway, Sonja Berlijn, Statnett
- The view from Sweden, Göran Ericsson, Svenska kraftnät
- Discussion moderated by Ambra Sannino, DNVGL

Jussi Matilainen is R&D Manager at Fingrid, a position he has held since 2010. He joined Fingrid in 1997. He received the Master degree in Energy Technology from Lappeentanta University of Technology and the Licentiate degree in Electrical and Electronics Engineering from Aalto University.

Sonja Berlijn is senior vice president R&D at Statnett, a role she has held since 2015, and professor at the Norwegian University of Life Sciences (NMBU), since 2014. Before joining Statnett in 2008, she was employed at STRI in Sweden and at KEMA High Voltage Laboratories in The Netherlands. She received the Master degree in Electrical Engineering from Eindhoven University of Technology, the PhD degree from the Technical University Graz, and the MBA degree from Melbourne University.

Göran Ericsson is Head of R&D at Svenska kraftnät, since 2009, and adjunct professor at KTH Royal Institute of Technology, since 2014. He joined Svenska kraftnät in 1997. He received the MSc degree from Uppsala University, the MSc degree from Case Western University, and the PhD degree from KTH Royal University of Technology.

Ambra Sannino is Business Director for Power system analysis at DNV GL. Before joining DNV GL in 2019, she held several research and management positions at ABB in Sweden. She is chair of the joint PES/PEL chapter of IEEE Sweden. She received the MSc and PhD degrees from the University of Palermo.

Welcome!

Dr. Sarah Rönnberg – Board member of the IEEE Sweden PE/PEL Joint Chapter