

Ingmar Schlecht

SHORT BIO

Dr. Ingmar Schlecht is director at Neon and works in the fields of power grids, congestion management, electricity market modelling and open data. He completed his PhD in economics in February 2017. In the course of his PhD, he has developed and applied the nodal pricing electricity dispatch model Swissmod. He graduated in economics from University of Kent, Canterbury, UK, and University of Marburg, Germany. From 2003 to 2011 he was engaged in the software project TYPO3 as core developer, co-lead of the core development team and member of the steering committee.

POSITIONS

- 2018 – present **Director of Neon**
- 2021 – present **Research associate at ZHAW Winterthur**
Ingmar is research associate at the Center for Energy and Environment at ZHAW Winterthur, focusing on electricity economics, market design and renewables.
- 2017 – 2021 **Postdoctoral researcher at University of Basel**
Postdoctoral Researcher in the Energy Economics group, developed numerical electricity market model & coordinated Swiss system adequacy analysis
- 2012 – 2017 **PhD position at University of Basel**
Energy economics group
- 2003 – 2011 **Independent programming consultant**
Web programming and consultancy projects. Focusing on PHP, MySQL and TYPO3.

EDUCATION

- 2012 – 2017 **Economics (Dr. rer. pol.), University of Basel**
The dissertation “Electricity Markets in the Context of the Energy Transition” (*magna cum laude*) was supervised by Hannes Weigt.
- 2009 – 2010 **Economics (M.Sc.), University of Kent, Canterbury**
Final grade: distinction, best degree in economics
- 2006 – 2009 **Economics (B.Sc.), University of Marburg**

HONORS

- | | |
|------|---|
| 2017 | SAEE Best Student Paper Award |
| 2012 | Best degree in economics (University of Kent, Canterbury) |

PROJECT HIGHLIGHTS

- | | |
|-----------|--|
| 2023 | Electricity market reform (European Parliament)
Partnering with Bruegel, we provided an assessment of the proposed EU electricity market reform to the ITRE committee on issues such as CfDs, price interventions, and peak shaving. Ingmar led the sections on CfDs, virtual forward hubs and consumer protection. |
| 2022 | PV support scheme design (Swissgrid)
Support scheme for solar energy centered around generation adequacy. We proposed an optimized contract for differences. Ingmar led the project and analysis. |
| 2021-2024 | EU electricity market design (BMWK)
Large-scale, multi-year project on various electricity market topics for Germany's Economics Ministry, EU electricity market reform. Jointly with Consentec, we provided advice on crisis response and the design of the revenue cap. 2021-24. Ingmar co-led the design of the revenue cap and various ad-hoc advice during the energy crisis. |
| 2021 | Dispatch Hubs (Elia / 50Hertz)
For TSOs Elia und 50Hertz we assess the incentives implied in multiple variants of their "Dispatch Hub" proposals, in particular incentives for inc-dec gaming. Ingmar led the analysis. |
| 2020 | Procurement of ancillary services (BMWi)
Assessment of market-based procurement of non-frequency ancillary services such as inertia, black start capability and voltage support. Teaming up with ef.Ruhr and others, Neon served as work package leader. Ingmar developed a concept for market-based procurement of black-start capability. |