Ingmar Schlecht

Short bio

Dr. Ingmar Schlecht is Principal Consultant at Neon with a focus on electricity market design, renewable support schemes, and congestion management. At Neon, he has worked for clients in the public and private sector. In particular, he advised the German energy ministry on electricity market design, system services and redispatch procurement. In recent works, he focused on long-term contracts in electricity, from analyzing cross-border forward markets for a group of European TSOs to advising the German government on renewable support through long-term contracts. This focus also mirrors his academic work on renewable support and financial contracts for differences. During his PhD in energy economics at Basel University, he has developed the nodal pricing electricity dispatch model Swissmod. He graduated in economics from University of Kent, Canterbury, UK, and University of Marburg, Germany.

Positions

2018 – present **Principal Consultant at Neon**
Advising clients from the public and private sector on electricity market design. Focus on long-term contracts, renewable support, congestion management, flexibility, grid tariffs, and ancillary service markets.

2021 – present **Research associate at ZHAW Winterthur**
Ingmar is research associate at the Center for Energy and Environment at ZHAW Winterthur, working 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

2024 (ongoing)	**Renewable support schemes (German energy ministry BMWK)** Future direction of renewable support in Germany. Analyzing the feasibility of different possible pathways, including recent proposals of production-independent (benchmark-based) support schemes.
2024	**Cross-border forward markets (five European TSOs)** Advising five European TSOs on the future direction of cross-border long-term forward derivatives, long-term transmission rights.
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 (German energy ministry 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.