



Julia Frohmann

Ph.D. Student in Energy Science and Engineering, admitted Autumn 2023

Bio

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Julia Frohmann is a PhD candidate in Energy Science and Engineering, and leads the demand side technology utilization modeling at STEER. Her research focuses on the feasibility of large-scale grid storage deployment in the US by evaluating battery energy storage revenue generation potential. Julia's key areas of interest are electricity market operations, and macro-scale energy systems modeling. Previous work focused on renewable grid penetration effect on electricity exchange variability and modeling optimal integration of power-to-heat-to-power storage. Julia obtained her bachelors in Mechanical Engineering and masters in Energy Engineering from RWTH Aachen, Germany.

EDUCATION AND CERTIFICATIONS

- M.Sc., RWTH Aachen University , Energy Engineering (2023)
- B.Sc., RWTH Aachen University , Mechanical Engineering (2021)