

Christa Shen

ASSOCIATE

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Ms. Shen specializes in analyzing economic impacts in wholesale electricity markets and energy regulation.

She is experienced in evaluating competition in wholesale electricity markets, analyzing large volumes of electricity data to construct counterfactuals and assess market power. She has also supported work advising energy regulators on the economic implications of policy objectives and providing guidance to market operators on market design in the Asia-Pacific region.

AREAS OF EXPERTISE

- Electricity Litigation & Regulatory Disputes
- Oil & Gas
- Regulatory Investigations & Enforcement

EDUCATION

- **Australian National University**
Master of Applied Economics with Commendation
- **Columbia University**
Bachelor of Environmental Biology

PROFESSIONAL EXPERIENCE

- **The Brattle Group (2022–Present)**
Associate (2024–Present)
Research Associate (2023–2024)
Senior Research Analyst (2023)
Research Analyst (2022)
- **Open Lines Consulting (2021–2022)**
Environmental Consultant

- **Australian National University (2020–2021)**
Research Officer
- **ARC Environmental Services, Inc. (2017)**
Environmental Consultant

ARTICLES & PUBLICATIONS

- “AEMC Decisions and Greenhouse Gas Emissions,” with Kathleen Spees and Toby Brown (October 9, 2023)
- “Time-varying rates prompt different responses as a function of home energy efficiency, with Lee White and Emma Aisbett, *Energy and Buildings* 319 (2024): 114549
- “Maximising consumer ability to manage electricity demand,” with Lee White and Emma Aisbett, *Energy, COVID, and Climate Change, 1st IAEE Online Conference*, International Association for Energy Economics (June 7–9, 2021)
- “A mechanism of expansion: Arctic deciduous shrubs capitalize on warming-induced nutrient availability,” with Case M. Prager et al. *Oecologia* 192 (2020): 671–685
- “Collateral damage to marine and terrestrial ecosystems from Yankee whaling in the 19th century,” with Joshua Drew et al. *Ecology and Evolution* 6.22 (2016): 8181-8192
- “Growth and physiology of a dominant understory shrub, *Hamamelis virginiana*, following canopy disturbance in a temperate hardwood forest,” with Benton N. Taylor Taylor et al. *Canadian Journal of Forest Research* 47.2 (2017): 193–202

SELECTED HONORS & AWARDS

2021	Chris Higgins Prize, Australian National University (ANU) College of Business and Economics
2020	International Graduate Scholarship, ANU College of Business and Economics
2012–2016	Dean’s List, Columbia University
2015	The Class of 1939 Research Fellowship