

Environmental Economics and Energy Economics

Research Topics

- Effectiveness of Carbon Pricing
- Fuel-Switching from Coal to Cleaner Energy Sources
- Production Efficiency of Power Plants
- Pass-Through of Emission Costs to Electricity Prices
- Emission Leakage from Regulated to Unregulated Regions
- Strategic Bidding in Multi-Unit Auctions
- Emission Responses to Carbon Cap-and-Trade Programs

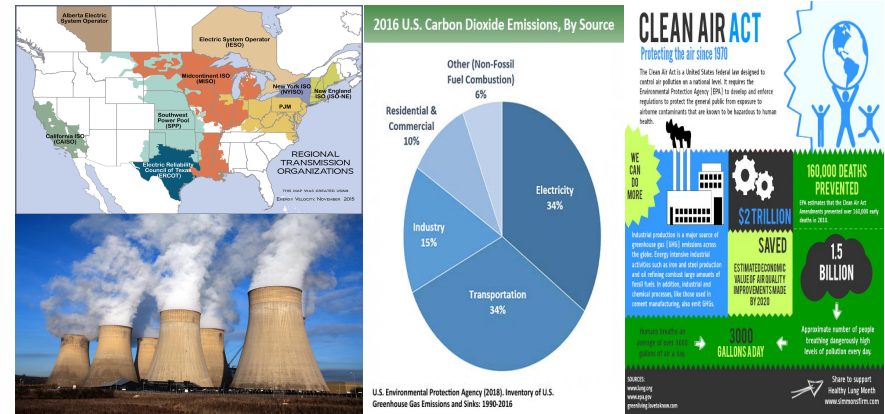
Contact Information

Yishu Zhou

Assistant professor of Economics

Email: yishuz@mst.edu

Phone: (573) 341-6188



Effectiveness of Environmental Policy in Energy Markets

Keywords

- Environmental policy, Electricity wholesale markets, Production efficiency, Carbon Emissions, Multi-unit auction, Emission leakage, Pass-through rate, Fuel-switching, Emission response, Applied econometrics

Publications

- **Zhou, Yishu** and Ling Huang. 2016. "Have U.S. Power Plants become Less Efficient? The Impact of Carbon Emission Regulation." *Energy Economics* 58 105-115.

Working Papers

- Carbon Prices and Fuel Switching: A Quasi-experiment in Electricity Markets.
- Emission Responses to Carbon Pricing in Dynamic Electricity Markets.
- Multiple Price Signals in Carbon Emission Markets
- Information, Pricing, and Bidding Behavior in Electricity Auctions.