

# **Jesse Ian Kaczmarski**

## **Curriculum Vitae**

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The University of New Mexico  
Department of Economics  
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## **Education**

Ph.D. Economics, The University of New Mexico, Anticipated Graduation: May, 2023

Major: Environmental and Resource Economics

Minor: Public Economics

M.A. Economics, The University of New Mexico, 2019

M.S. Resource and Applied Economics, The University of Alaska Fairbanks, 2018

B.A. Economics, The University of Alaska Fairbanks, 2016

A.A. Direct Transfer Agreement, S. Puget Sound CC, 2013

## **Research Interests**

Electric grid modernization, Renewables and intermittency, Microgrid feasibility, Electricity pollution, Emissions offshoring

## **Research Articles**

### Dissertation:

Three Essays on the Economics of Grid Modernization in the United States

1. The Influence of Renewable Generation on Utility-Scale Storage Charging and Discharging Cycles: Evidence from the California Independent System Operator (Jesse Kaczmarski)
2. Public Support for Community Microgrids (Jesse Kaczmarski)
3. The Marginal Generation and Emissions Impacts of Hydropower: Evidence from the Colorado River Storage Project (Jesse Kaczmarski and Benjamin Jones)

Committee: Benjamin Jones (Chair), Janie Chermak, Robert Berrens, and Seth Blumsack

### Under Review:

1. Kaczmarski, Jesse. 2021. "Public Support for Community Microgrids." *Under Review: Energy Economics*.

### Peer Reviewed:

1. Kaczmarski, Jesse, Benjamin Jones, and Janie Chermak. 2022. "Determinants of Demand Response Program Participation: Contingent Valuation Evidence from a Smart Thermostat Program" *Energies* 15, no. 2: 590. <https://doi.org/10.3390/en15020590>.

2. Kaczmarski, Jesse, and Jungho Baek. 2018. “On the Asymmetric Effects of Oil Price Changes on Alaska Oil Tax Revenue.” *Energy Sources, Part B: Economics, Planning, and Policy* 13 (1): 60–65. <https://doi.org/10.1080/15567249.2017.1403500>.

### Paper and Poster Presentations

05/2022	New Mexico EPSCoR SMART Grid Center All Hands Meeting – Poster (1 <sup>st</sup> place winner)
11/2021	2021 Shared Knowledge Conference UNM - Poster
11/2021	New Mexico Research Symposium – Poster (2 <sup>nd</sup> place winner), 3-minute thesis, award for significant contributions to NM EPSCoR SMART Grid Center
06/2021	IAEE Energy, Covid, and Climate Change Conference – Paper Presentation
05/2021	New Mexico EPSCoR SMART Grid Center All Hands Meeting – Poster (2 <sup>nd</sup> place winner)
06/2020	AERE at WEAI – Paper Presentation and Discussant
06/2020	New Mexico SMART Grid Center STEMAP - Presenter
11/2020	New Mexico Research Symposium – Graduate Panelist
11/2019	New Mexico Academy of Sciences – Paper Presentation and Poster

### Teaching Experience

#### *Panel A: Sole Instructor*

Subject	Title	Institution	Semester/Year
ECON 2110	Macroeconomic Principles	UNM	Fall 21
BA 151	Introduction to Business	UAF	Summer 18
AIS F101	Effective Personal Computer Use	UAF	Fall 16 – Spring 18

#### *Panel B: Teaching/Graduate Assistant*

Subject	Title	Institution	Semester/Year
ECON 307	Economic Tools	UNM	Fall 18
ECON 342	Environmental Economics	UNM	Fall 18
ECON 300	Intermediate Microeconomics	UNM	Spring 19

### Research Assistant Positions

The University of New Mexico, Department of Economics

- Research Assistant, New Mexico EPSCoR SMART Grid Center, Spring 19 – *present*

The University of Alaska Fairbanks, School of Management

- Graduate Research Lab Manager, Virtual Reality Lab, 2017-2018

### Technical Proficiencies

Python, Stata, R, Quantum-GIS, BenMAP-CE, GoldSim, IMPLAN, L<sup>A</sup>T<sub>E</sub>X, and MS Office