Call for Papers - Special Issue on
'New Statistical Methods in the Context of Energy Transition'

Journal of Economics and Statistics (Jahrbücher für Nationalökonomie und Statistik)

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Over the next decades, many aspects of our daily life will be affected by decisions about the organization of the future energy transition. Alleviating the effects of climate change, protecting the environment and natural resources, and increasing awareness of the limited reserves of fossil energies call for new economic policies and technological solutions, which will require public participation and acceptance to be successful. Specifically, it is crucial that the benefits of these measures outweigh any potential adverse impacts they may have in the future on factors such as employment or energy expenses.

This special issue seeks contributions that go in that direction. In particular, but not exclusively, we are looking for manuscripts that address one or several of the following aspects:

- Energy forecasting (esp. load, wind, solar, prices)
- Statistical methods for enhancing the reliability of power distribution networks
- Econometric approaches for energy and carbon markets
- Probabilistic machine learning for energy systems and markets
- Statistical methods for analyzing and modeling networks in energy systems
- Econometric tools for analyzing energy sector data (e.g. survey design, experimental design, panel statistics, government/official statistics)
- Empirical studies in energy economics and finance
- Statistical techniques for optimizing energy storage and distribution
- Risk and portfolio management for energy markets

All papers will be looked after by one guest editor and refereed by at least two anonymous referees. Papers should be submitted in English to https://mc.manuscriptcentral.com/jbnst as Original Article indicating that they are submitted for the Special Issue '*New Statistical Methods in the Context of Energy Transition*'.

Dates

Submission of full papers:	until November 15th, 2025
First round decisions	until March 1st, 2026
Submission of revised papers:	until July 1st, 2026

Finally accepted papers will be published immediately online ahead of print.