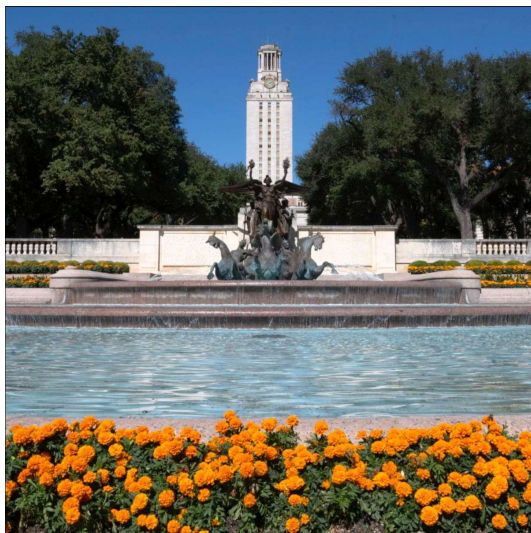




UT Energy Bulletin | February 2025

## Energy@UT News



### **New Research Unit Solidifies Leadership in Emissions and Energy Market Analysis**

The University of Texas at Austin has launched the [Center for Energy and Environmental Systems Analysis](#) (CEESA) to advance emissions research and energy systems analysis. CEESA will lead regional centers to measure and mitigate methane and other greenhouse gas emissions from oil and natural gas supply chains in the South Central and Northeastern United States.

[Learn more](#)



## Call for Applicants: UT Chevron Energy Graduate Fellow Awards

The 2025-2026 [Chevron Energy Graduate Fellows Awards](#) application is now open, offering \$10,000 awards to graduate students at UT Austin whose work focuses on scalable innovations in carbon reduction, renewable fuels, energy storage, and the future of energy systems.

[Read more and apply by April 15](#)

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## Opinion: What We Must Do Better To Meet the Future of Winter Energy Demand

UT electricity grid experts [Hugh Daigle](#) and [Joshua Rhodes](#) authored an op-ed arguing that, to make Texas' power grid more reliable, lawmakers should encourage diversification of energy sources. The researchers analyzed how climate change is increasing electricity demand and shrinking the windows when ERCOT's thermal generation can be taken offline for maintenance. Since wind, solar and geothermal generation have different maintenance requirements, they can help ensure a resilient power system.

[Learn more](#)

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## Macroeconomics for Net Zero Project Moves Forward

A research effort led by Energy Institute Assistant Director and Research Scientist [Carey King](#) and sponsored by the [Cynthia and George Mitchell Foundation \(CGMF\)](#) is making progress towards its goal of realistically modeling the dynamics of decarbonizing the economy. The project has convened two international working groups since summer 2024, with two more planned over the next year, and will publish its first reports later in 2025.

[Learn more](#)


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## News From Around Campus

### Energy Institute

[Brian Korgel](#) was interviewed by [Forbes](#) about the shortage of skilled workers for both renewable and fossil energy jobs and how energy companies can collaborate with educational institutions to fill the gaps.

Korgel also spoke with [Texas Standard](#) about what President Trump's executive order temporarily stopping approvals for new wind projects could mean for the energy industry in Texas.

Korgel was also quoted on [S&P Global.com](#)  discussing the growing trend of using low-carbon energy solutions, like natural gas and nuclear power, to provide firm power to data centers.

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School of Law | Energy Institute

Initiative lead and UT Law lecturer [Melinda Taylor](#) was quoted by [The Daily Texan](#) in a piece about the Energy Institute's ambitious new [project](#) tackling methane leaks in the [Permian Basin](#).

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### **Utilities and Energy Management (UEM)**

UEM Executive Director [Xavier Rivera Marzán](#) spoke with [Spectrum News 1](#) about UT Austin's development of the UT WaterHub, which will reduce campus water use by up to 40% and will be the largest plant of its kind in the U.S.

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### **Bureau of Economic Geology | LBJ School of Public Affairs**

[Alex Bump](#) and [Joshua Busby](#) were cited by [The Daily Texan](#) about the potential impacts of President Trump's environmental policies on clean energy and carbon capture and storage (CCS) initiatives.

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### **Cockrell School of Engineering | Hildebrand Department of Petroleum and Geosystems Engineering**

[Ben Cahill](#) and [Arvind Ravikumar](#) co-authored an op-ed in [Barron's](#) ⓘ discussing the climate implications of U.S. liquefied natural gas (LNG) exports.

[Hugh Daigle](#) was quoted by [Louisiana Illuminator](#) discussing the challenges and barriers facing offshore drilling in the Gulf of Mexico.


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### **Cockrell School of Engineering | Webber Energy Group**

[Joshua Rhodes](#) spoke with [Houston Chronicle](#) ⓘ about how the TV show "Landman" portrays Texas oil production, offering a fact-check on its depiction of drilling practices, land leases, and energy economics.

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### **KBH Energy Center | Cockrell School of Engineering**

[Michael Webber](#) authored an op-ed in [The New York Times](#)  discussing how efforts to halt the clean energy transition are unlikely to succeed due to ongoing market shifts and bipartisan support for renewable energy.

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## Upcoming Events



### Planet Texas 2050 Symposium

February 24 – February 27, 2025

UT Austin Campus, William C. Powers, Jr. Student Activity Center (WCP)

[RSVP to attend](#)



### Environmental & Energy Economics & Policy Seminar: *An Empirical Analysis of the Interconnection Queue*

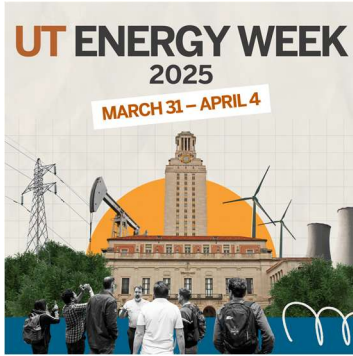
Sarah Johnston, Assistant Professor in Agricultural and Applied Economics, University of Wisconsin-Madison

March 7, 2025

[Learn more](#)

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## UT Energy Week 2025

March 31 – April 4, 2025

[Register now to attend](#)



## Texas Seaweed Symposium

April 3, 2025 – 8:30 – 5:30 PM

855 E Cotter Ave,  
Port Aransas, TX 78373

[Register here](#)



**TEXAS** McCombs

EXECUTIVE  
EDUCATION

## Energy Classes at McCombs

### Profitability and Sustainability in the Energy Industry

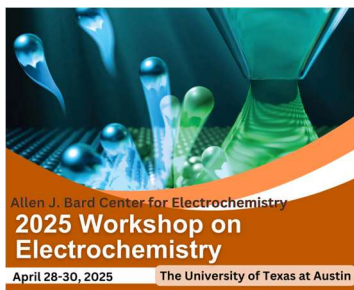
Online | March 13, 2025 | [Enroll](#)

### Executive Program for Energy Leaders

Online or Live Online | Starts April 14, 2025 | [Enroll](#)

### Managing the Energy Transition

Online | Starts April 24, 2025 | [Enroll](#)



## **2025 Bard CEC Workshop on Electrochemistry**

April 28 – 30, 2025

The University of Texas at Austin

[More information](#)



## **2025 IEEE PES General Meeting**

July 27–31, 2025

J.W. Marriott

Austin, Texas

[More information](#)

**Thanks to our corporate partners and event sponsors for their generous support of UT's Energy Institute.**

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