



UT Energy Bulletin | April 2021

## Energy@UT News



### UT Energy Week 2021

Thank you to the 850+ registrants for engaging with UT Energy Week 2021 themed: *Energy Transition: Agents of Change, Changing Agents*. If you were unable to attend, videos and slides of the panels are now available online. Access the [link](#), to view the recorded discussions about how different parts of the energy ecosystem are responding to and leading the changes associated with the ongoing sustainable energy transition.



### Lessons Learned from the 2021 UT Hydrogen Roundtable

Learn more about the key takeaways from the [2021 Texas Hydrogen Roundtable](#) hosted by the Energy Institute and the Cockrell School of Engineering. The event summary and recorded panel discussions are available at the link above. The summary includes highlights on the main opportunities, challenges, and lessons from important topics on hydrogen energy

such as production, applications in transportation, and industrial use.



## The Zero-Emissions Cost of Energy: A Policy Concept

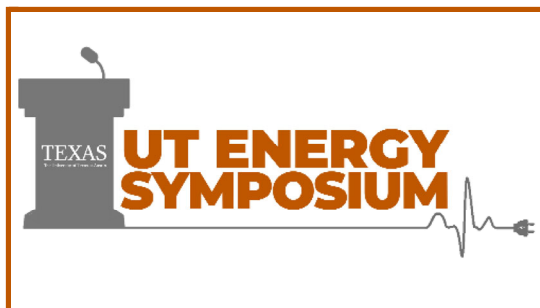
Energy Institute Assistant Director Carey King co-authored a perspective paper about a new concept for a carbon tax policy in which energy users would be taxed an amount equal to the cost of cleaning up the emissions they produce. The paper demonstrates a pathway to achieve net-zero GHG emissions from the US energy sector and contemplates the associated economic impacts on our society. Learn more about the paper [here](#).

## News from Around Campus

- **Energy Institute:** Varun Rai testified before the U.S. House of Representatives Science, Space, & Technology Committee at a hearing on [“Lessons Learned from the Texas Blackouts: Research Needs for a Secure Resilient Grid”](#).
- **Bureau of Economic Geology:** The Bureau’s Hydrogen Working Group authored a paper on [“Why Geology Matters for a Hydrogen Economy at Scale”](#).
- **Cockrell School:** Michael Webber offered inputs to a [Houston Chronicle article](#) on Biden’s infrastructure plan.  
**Bureau of Economic Geology:** View Scott Tinker’s recorded presentation to the Pennsylvania State Legislature on [“An Honest Conversation about Energy, Economy, and Environment”](#).
- **Cockrell School:** [UT Hydrogen Startup Celadyne](#) receives investment from Shell Ventures.
- **Energy Institute:** EI, in collaboration with the [Texas Politics Project](#), conducted a [survey](#) of Texans’ experience during winter storm Uri, to understand the scope of impact and hardships.
- **LBJ School of Public Affairs:** Patrick Bixler [discusses climate change](#) at the Texas State Legislature.
- **Institute for Historical Studies:** Hosted the panel [“Oil, Water, and Climate: Environmental Histories of Texas”](#) as part of its theme for 2020-21 [“Climate in Context: Historical Precedents and the Unprecedented”](#).
- **Jackson School of Geosciences:** A team of researchers in the [Institute for Geophysics](#) have successfully solved a [pressure coring issue](#) that has

affected their work since 2017. Their research explores methane hydrate as a potential energy source of the future.

## Upcoming Events



### UT Energy Symposium

On May 4th, the [UT Energy Symposium](#) (UTES) speaker series will conclude its spring semester with a talk on [Accelerating the Energy Transition](#) by Robert Kleinbaum of General Motors. The symposium, which is free and open to the public, will return for its twenty-first semester in September 2021. Until then, catch up on the first ten years of talks [here](#).

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