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PANEL ONE

ENERGY DEMAND AND AVAILABILITY

Panelists: MacKenzie Davis, Sean O'Donnell, and Chris Wright

Moderated by Chris Hairel

Forecasts make it clear that we will need all energy sources to meet growing demand and bring emerging economies out of poverty. While the US, Western Europe, and other developed countries may transition to new technology to meet some of their needs, it is unrealistic and perhaps immoral to expect others to continue without the standard of living that comes from access to inexpensive energy. Many do not understand the full energy value chain, ranging from transportation electrification to harder to green sectors such as plastics. Businesses, institutions, and individuals need to base their decisions on realistic predictions of how much coal, oil, natural gas and other traditional energy sources will be used.



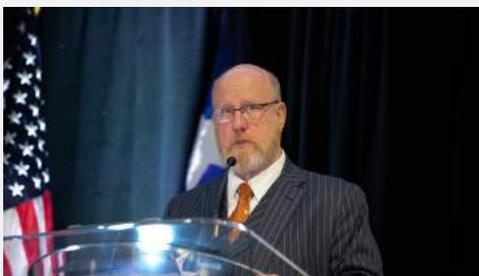
PANEL TWO

WHAT'S DIFFERENT THIS TIME?

Panelists: Robert Bryce, Jim Hughes, and Dr. Mukul Sharma

Moderated by James Loftis

What percentage of demand can be met by new solar, wind, nuclear, and geothermal technology developments? What role does hydrogen play? What are the challenges to scaling these technologies? And are they better for the climate and the global economy, or are we just shifting the costs and benefits to new players? These questions should be answered before public policy incentives and disincentives are adopted if we are to create a sustainable path forward.

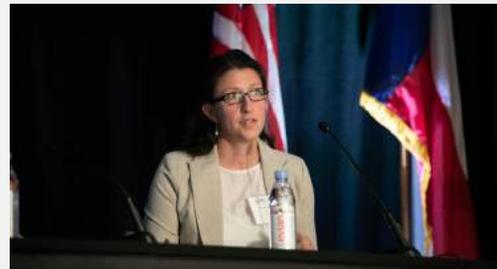
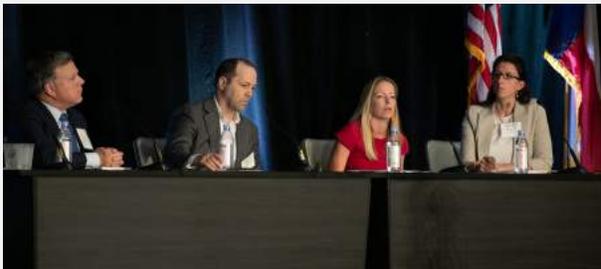


TRADITIONAL AND EMERGING ENERGY BUSINESS MODELS

Panelists: Jonathan Cox, Tim Duncan, and Lande Spottswood

Moderated by Christine Oumansour

Capital investment in all sources of energy is needed to fuel the energy evolution, as worldwide demand continues to outstrip supply. Will it be available in light of increasing investor and public pressure? What lessons, both positive and negative, can be learned from the more aggressive European adoption of renewables? Larger, more efficient companies may have lower costs of capital, but consolidation in the future is likely to be driven by synergies, environmental stewardship, and other ESG issues. While the drive to target carbon reductions is highly dependent on technologies that have not yet emerged, the geography, talent and business environment in Texas suggest that the state will continue to be a leader in the energy transition.



LUNHEON KEYNOTE

VICKI HOLLUB

Interviewed by Kinnan Golemon

Maintaining a successful organization requires processes built for the long term, and for the energy industry, that means addressing the evolving political landscape. Occidental recently announced plans to achieve net zero emissions by 2050 by focusing on its core competence in CO₂ handling. Rather than pivoting to renewables, the goal is to capture CO₂ from facilities and directly from the atmosphere. These emissions may be utilized in production and to create carbon offsets through sequestration. From Occidental's perspective, direct air capture is the key to prevent the worst potential outcomes of climate change. They hope to leverage their chemical business, infrastructure and technical expertise to become leaders in this area and take advantage of federal 45Q incentives.



IMPLICATION OF STATE AND FEDERAL POLICY

Panelists: T.L. Cubbage, Rep. Chris Paddie, and Rep. Jared Patterson

Moderated by Katie Coleman

Are market forces or government mandates the key to green energy development? While hard to disentangle, the answer is highly dependent on location and technology. Government's role in helping launch new innovative technologies that can be brought to scale by the private sector will continue to be important in the future. A key Texas issue is to provide reliable, affordable, and cheap energy to ensure the state can continue to serve consumers and attract new industrial customers. As winter storm Uri highlighted, the balance between reliability and intermittent generation should be at the forefront as the US integrates more renewable energy into the generation mix. Key issues that the Texas legislature will continue to address include oversight and accountability, weatherization, and communication between energy generators, policy leaders and consumers.

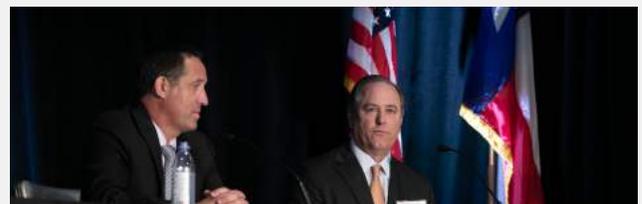


AFTERNOON KEYNOTE

GLENN HEGAR

Interviewed by Shane Young

Texas was lucky to start the pandemic in a strong economic position, but Covid brought great uncertainty and pressure to the state's budget. Though it has diversified its economy, traditional energy revenues continue to play a significant role in filling state coffers. Currently Texas is outpacing national economic growth, but could the same be said if oil and gas revenue were replaced with renewables? Supply chains, the energy mix, inflation and labor shortages are likely to be key issues for the State going forward, and in the short term at least, this effect will be exacerbated by how the pandemic plays out.



PROGRAM WRAP-UP

JONATHAN COX & PASCHALL TOSCH

The behavioral, political and structural changes required for deep decarbonization are still misunderstood and underestimated. As such, companies that provide dispatchable thermal power and energy will be needed for the foreseeable future. In order for the global energy supply mix to shift sufficiently to impact climate, substantial system changes will be needed in the emerging economies that are least able to afford them.



On the evening of October 15th, the KBH Energy Center presented Jeffery D. Hildebrand, Founder & Executive Chairman of Hilcorp Energy, with the Lifetime Achievement Award. Previous award recipients include James Mulva, Scott Sheffield, Rex Tillerson and L.E. Simmons. The Dinner included a conversation with Mr. Hildebrand and President Jay Hartzell led by Senator Hutchison. [View more photos of the Dinner here.](#)

Thank you to everyone who joined us for the 6th Annual Symposium and Dinner Honoring Jeffery D. Hildebrand! Select recordings of the program are available to view on the [KBH Energy Center website.](#)

[VIEW MORE PHOTOS FROM SYMPOSIUM](#)

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PIONEER
NATURAL RESOURCES

FALL EVENTS RECAP

Conversation with Senator Hutchison and President Jay Hartzell

Hosted by Mr. Sam L. Susser and the KBH Energy Center



The event, held in the historic Old Parkland in Dallas, Texas, saw 73 guests.

Distinguished Lecture - Presented in partnership with the UT Energy Symposium

Perpetual Transition and Emerging Opportunities on the Energy Landscape

September 28, 2021 | Hybrid



Approximately 60 students attended the hybrid program in person, and virtual asynchronous interest has been high.

Missed the program?

Click [here](#) to view the recording.



UPCOMING EVENTS

Spring 2022

KBH Midland Reception with President Hartzell & Senator Hutchison

February 15th, Time TBD

Distinguished Lecture Series

Sponsored by Phillips 66

April 12th, Time TBD

KBH Energy Center Executive Council Meeting

Time & Date TBD

Women in Energy Panel

Sponsored by Phillips 66

Time & Date TBD

Thank you to those who have been able to join us for our 2021 events. We look forward to seeing you all at an upcoming spring event soon!

If you or your company are interested in sponsoring any upcoming events, please contact Mari Myers at Marisela.Myers@McCombs.utexas.edu.

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