

EEI 2023

JUNE 11-13 | JW Marriott Austin

Highlights From EEI's Annual Meeting

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Above: EEI President and CEO Tom Kuhn, speaking on a panel about the Edison Foundation's Institute for the Energy Transition.

Highlights From The Hub

EEI's member companies—America's investor-owned electric companies—remain focused on affordability and reliability as we work to deliver resilient clean energy to the customers and communities we serve.

Our industry's clean energy leadership and vision for a carbon-free energy future were the focus of discussions in the Clean Energy Technology and Innovation Showcase, which opened EEI 2023 in The Hub.

Assessing the viability of new and emerging technologies is crucial to deploying clean energy reliably and affordably. Earlier this year, the Edison Foundation launched [the Institute for the Energy Transition](#) (IET), which is working to assess the key 24/7 zero-emitting technologies necessary to achieving carbon emissions reduction goals. EEI President and CEO Tom Kuhn joined Emily Fisher, EEI Executive Vice President of Clean Energy and General Counsel, and Eric Holdsworth, EEI Managing Director of Clean Energy and Environmental Policy, to discuss the future work of IET.

"We see a bright future to facilitate the clean energy transition. The Institute for the Energy Transition is here to look at the major technologies that are out there—long duration storage, advanced nuclear, hydrogen, and so forth—and to understand their economics," Kuhn said.

Fisher continued by noting the electric power industry's tremendous progress in reducing emissions. "The Insitute for the Energy Transition is looking at our emissions reductions to date and understanding what got us here to inform how we can go forward. ...That's the exciting thing about the Insitute for the Energy Transition and this work: It is bringing things forward this decade, so we can make this progress faster."

"We certainly need energy tax credits, carbon capture and storage, and long-duration energy storage in this transition," said Kuhn. Noting the many clean energy incentives that are available, Kuhn concluded, "I really think that this is such an exciting time for the industry."

Following are additional highlights from today's dynamic programming, developed in partnership with EEI 2023 Premier Partner Breakthrough Energy.



Above, L to R: EEI Chief Strategy Officer and Executive Vice President, Public Policy and External Affairs Brian Wolff; EEI Chair Warner Baxter, Ameren Executive Chairman; Christina Hayes, Executive Director, Americans for a Clean Energy Grid; Robin Millican, Senior Director, U.S. Policy and Advocacy, Breakthrough Energy; and Rich Powell, CEO, ClearPath.

EEI Chief Strategy Officer and Executive Vice President, Public Policy and External Affairs Brian Wolff moderated a conversation on the policy drivers for clean energy innovation. With passage of the Bipartisan Infrastructure Law and the clean energy tax package included in the Inflation Reduction Act—as well as new siting and permitting reforms included in the recent bipartisan debt ceiling agreement—EEI's member companies have more tools than ever and critical funding to drive innovation and the deployment of new clean energy technologies.

"These policies were all in the pipeline, and, since they've passed, it's really been about implementation, implementation, implementation," said Wolff.

"The hard work is still in front of us," said Baxter. "From a policy perspective, we've seen a lot of focus on funding, which is important. What we need to continue to focus on is an all-government approach."



Above, L to R: EEI Vice Chair Pedro J. Pizarro, President and CEO, Edison International and Mike Boots, Executive Vice President, Breakthrough Energy.

Emerging clean energy technologies and the net-zero emissions enabled by them remained the focus of conversation between EEI Vice Chair Pedro J. Pizarro, president and CEO of Edison International, and Mike Boots, executive vice president of Breakthrough Energy.

"Clean energy technologies are at the center of this transition. ...When we look at EEI's member companies, more than 50 have announced carbon reduction commitments, with 41 of those companies working to become net-zero by 2050 or sooner," said Pizarro. "We also know this isn't just the power sector. Our sector is critical, but it's about reducing emissions from all sectors."

"We need to make sure we are investing in the pipeline of technologies," said Boots. "It's not just about getting the technologies right or even building the first of these facilities, it's about having the ability to build a lot."



Above, L to R: James Hewett, Manager, U.S. Policy and Advocacy, Breakthrough Energy; Dr. Phil Laroche, Partner, Breakthrough Energy Ventures; Dane Boysen,

CEO, RedoxBlox; Marc Borrett, CEO and Co-Founder, Reactive Technologies; and Justin Briggs, COO and Co-Founder, Antora Energy.

A key factor for reducing carbon emissions is transitioning the energy grid to cleaner sources like nuclear, wind, hydropower, and solar. Breakthrough Energy U.S. Policy and Advocacy Manager James Hewett led a dialogue on the technologies driving the clean energy grid of the future with Breakthrough Energy Ventures Partner Dr. Phil Larochelle, Antora Energy COO and Co-Founder Justin Briggs, Reactive Technologies CEO and CO-Founder Marc Borrett, and RedoxBlox CEO Dane Boysen.

"We can't look at these technologies in isolation," said Larochelle. "We have to look at how they will be used together on the grid."



Above, L to R: Jim Schaefer, Senior Managing Director, Guggenheim Partners; Julie Kozeracki, Senior Advisor, Loan Programs Office, U.S. Department of Energy; Chris Levesque, President and CEO, TerraPower; and Chris Mowry, CEO, Type One Energy.

Nuclear energy currently supplies more than 44 percent of America's carbon-free electricity, and it remains a compelling source for many electric companies working toward net-zero goals. Jim Schaefer, Guggenheim Partners senior managing director, was joined by industry and government experts—including Department of Energy Loan Programs Office Senior Advisor Julie Kozeracki, TerraPower President and CEO Chris Levesque, and Type One Energy CEO Chris Mowry—to discuss the rise of nuclear as a clean energy source.

"The theme is nuclear innovation," said Levesque. "We run these great plants. We still run them well. But if we want to solve problems, nuclear science needs to be leveraged more."



Above, L to R: Antonio Smyth, Executive Vice President, Grid Solutions and Government Affairs, American Electric Power; Tim Heidel, CEO, VEIR; Jason Huang, CEO and Co-Founder, TS Conductor; and Leslie Rich, Senior Consultant, Loan Programs Office, U.S. Department of Energy.

Antonio Smyth, American Electric Power senior vice president of grid solutions and government affairs, spoke with industry and government experts on how innovative transmission technologies are increasing grid efficiency. Smyth was joined by Department of Energy Loan Programs Office Senior Consultant Leslie Rich, TS Conductor CEO and Co-Founder Jason Huang, and VEIR CEO Tim Heidel.

"Let's face it, we need a lot of new transmission lines," said Rich. "So, to the extent that we [at the Loan Programs Office] can help finance that at a low cost, and that flows through to customers, it makes the energy transition more affordable."



Above, L to R: Eric Holdsworth, Managing Director, Clean Energy and Environmental Policy, EEI; Mateo Jaramillo, Co-Founder and CEO, Form Energy; and Bob Frenzel, Chairman, President, and CEO, Xcel Energy.

Throughout the afternoon, "tech talks" briefed attendees on some of the cutting-edge technologies EEI's member companies are implementing to deliver a cleaner, smarter, stronger energy future for their customers. In one discussion, Bob Frenzel, chairman, president, and CEO of Xcel Energy, spoke with Form Energy Co-Founder and CEO Mateo Jaramillo about Form Energy's game-changing long-duration energy storage technology and the multi-day energy storage project underway with Xcel Energy.

"We've reached a point in [Xcel Energy's] penetration [of the renewable energy market] where long-duration storage is a very interesting resource for us to pursue," said Frenzel. "We recognize that to move a technology forward, we have a role to play as a company and an industry—doing it effectively from the standpoint of our shareholders and customers means it needs to be cost-effective."

Previewing Our Monday Agenda

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2023 Agenda](#)

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Opening Keynote Session

JW Grand Ballroom | 9:00 – 11:00 a.m.

- EEI President and CEO Tom Kuhn
- Bill Gates in conversation with EEI Chair Warner Baxtrer, Executive Chairman, Ameren
- U.S. Secretary of Energy Jennifer M. Granholm and Senior Advisor to the President for Clean Energy Innovation and Implementation John Podesta in conversation with EEI Vice Chair Maria Pope, President and CEO, Portland General Electric

REMINDER: *For security reasons, all attendees are asked to be in the Ballroom by 8:45 a.m. for the opening keynote session.*

Workforce Development & Safety Breakout in The Hub

Griffin Hall | 11:10 a.m. – 12:10 p.m.

Concurrent Breakout Sessions

- **Clean Energy for All: Harnessing IRA Tax Credits & Rebates**
Lone Star Ballroom C | 11:10 a.m. – 12:10 p.m.
- **Integrating Renewables Reliably: The Global Perspective**
Lone Star Ballroom D | 11:10 a.m. – 12:10 p.m.

Conference Lunch in The Hub

Griffin Hall | 12:15 – 1:30 p.m.

Concurrent Breakout Sessions

- **Ensuring Resilience & Grid Security in the Face of Threats**
Lone Star Ballroom C | 1:45 – 2:45 p.m.
- **What's Next for Long-Duration Energy Storage?**
Lone Star Ballroom D | 1:45 – 2:45 p.m.

Electric Transportation in The Hub

Griffin Hall | 1:45 – 3:00 p.m.

Concurrent Breakout Sessions

- **New Approaches to Financing Transmission**
Lone Star Ballroom C | 3:00 – 4:00 p.m.
- **Building the EV Charging Network for 2030**
Lone Star Ballroom D | 3:00 – 4:00 p.m.

Hydrogen in The Hub

Griffin Hall | 3:00 – 5:00 p.m.

Conference Reception

JW Grand Foyer | 5:45 – 6:30 p.m.

2023 Edison Awards Followed by Dinner Keynote with Deion "Coach Prime" Sanders and Entergy Group President, Utility Operations Rod West

JW Grand Ballroom | 6:30 – 8:45 p.m.

Edison City Limits: A Night with Nick Akins and The Power Chords

JW Grand Ballroom | 9:00 – 10:15 p.m.

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Breakthrough Energy

@Breakthrough



BE's mission is to accelerate the solutions we need to reach net zero – and updating our transmission system is key to that mission. Tomorrow at [#EEI2023](#), [@BillGates](#) will speak to the technologies and collaboration needed to transform the grid. Learn more:



breakthroughenergy.org

Breakthrough Energy Attends EEI 2023 | Breakthrough Energy

Focused on developing and deploying the critical climate solutions our world needs to reach net-zero emissions by 2050.

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