America’s Electric Companies Are
#Committed2Clean®

Throughout Earth Week earlier this month, EEI and our member companies—the nation's investor-owned electric companies—showcased our clean energy leadership and voiced our support for the clean energy tax package pending in Congress.

We are proud to provide America’s resilient clean energy and to be leading the transformation of energy. Across the nation, we are working every day to get the energy we provide as clean as we can as fast as we can, while maintaining the reliability and affordability that our customers value.

For our industry, the path forward is clear—and the path forward is clean. Thanks largely to the leadership of EEI’s member companies, carbon emissions from the U.S. power sector are as low as they were in 1984, while electricity use is up 72 percent since then. At the same time, 40 percent of our nation’s electricity now comes from clean, carbon-free sources, including nuclear energy, hydropower, wind, and solar energy.

In addition, dozens of EEI member companies have announced ambitious long-term carbon-reduction targets, including net-zero targets.

“America’s electric companies are part of the climate change solution,” EEI President Tom Kuhn wrote in an InsideSources op-ed that also ran in other outlets, including the Charleston Gazette-Mail, West Virginia’s largest newspaper. “We are proving it each and every day. With the right policies and with new 24/7 carbon-free technologies, we can help to create a clean energy economy, while fulfilling our commitment to deliver the resilient clean energy our customers need and deserve.” Read the full op-ed, "It’s Time to Pass the Clean Energy Tax Package."

Read the Earth Day issue of Energy Talk In Depth for more facts about electric companies’ clean energy leadership. Visit EEI’s Clean Energy and Climate Change webpage for more resources.
INTERNATIONAL PERSPECTIVES

EEI Hosts 6th Annual Global Electrification Forum

EEI's sixth annual Global Electrification Forum (GEF)—held virtually April 25-29—attracted more than 1,000 attendees from around the world and highlighted how global electric companies are transitioning to a more sustainable world. The GEF explored the bridges, opportunities, barriers, and risks associated with this transition and examined key issues like cross-sector coordination, the geopolitics of energy, supply chains, investment, demographics, innovation, resilience, the psychology of change, and more.

In addition to the many U.S. and international electric company executives and leaders from the financial, transportation, and other sectors who participated in panels and fireside chats, the GEF included remarks from many distinguished speakers, including:

- Dr. Mohamed Shaker El-Markabi, Egyptian Minister of Electricity and Renewable Energy
- Philippe Aghion, author and professor, London School of Economics
- Ian Goldin, author and professor of globalization and development, University of Oxford
- Nikos Tsafos, James R. Schlesinger chair in energy and geopolitics, Center for Strategic and International Studies

During the GEF's opening keynote session, EEI Vice Chairman Warner Baxter, Ameren Corporation Executive Chairman, spoke with the Honorable John Kerry, U.S. Special Presidential Envoy for Climate and former U.S. Secretary of State, about the clean energy transformation EEI's member companies are leading.

"It's an exciting transition," Kerry said. "We're going to have incredible capacity in the United States to develop these technologies, bring them to scale, and continue to lead
the world in terms of technology and this transition. Thank you for the work your companies are doing to be in the vanguard.”

“There is a lot to be excited about,” agreed Baxter. “We’re leaning in, working with the Biden Administration and many others to ensure we’re doing this clean energy transition thoughtfully, on an accelerated basis that balances reliability and affordability…. We have been strongly supporting the clean energy tax incentives, because we know they can have that step-change that we’re looking for. We will continue to support more research and development and deployment dollars, and we’re so pleased that we can continue to work with you and so many of your colleagues to be successful in this clean energy transition.”

POLICY PERSPECTIVES

EEI Responds to FERC Transmission Proposal

On April 22, the Federal Energy Regulatory Commission (FERC) issued a notice of proposed rulemaking (NOPR) on transmission planning and cost allocation. “America’s investor-owned electric companies are leading a profound, long-term transformation in how electricity is generated, transmitted, and used,” commented Phil Moeller, EEI executive vice president of the business operations group and regulatory affairs. “Electric transmission will play a key role in enabling this transformation to unfold in a way that allows electric companies to maintain reliability while minimizing cost impacts
to customers as the generation mix continues to change.

“The NOPR issued by FERC today on transmission planning and cost allocation is an important step forward in recognizing these changes in the generation mix. Importantly, the NOPR supports long-term planning on a forward-looking basis while taking into account changes in the resource mix and in electricity demand.”

Read more.

WHAT WE’RE READING

Advancing Wildfire Response and Mitigation Through Greater Collaboration

“Worsening wildfires are creating immense challenges for electric companies, as well as for our customers and many local, state, and national organizations,” writes Maria M. Pope, Portland General Electric president and CEO, in the current issue of Electric Perspectives. “Addressing these challenges is a major focus for the Electricity Subsector Coordinating Council’s Wildfire Working Group.

“Fire prevention and mitigation remain at the center of our response strategy. We also are looking to the future of response capabilities, and our sector is laser-focused on
improving technology research, development, and deployment. Investments in sensors, high-definition and infrared cameras, and advanced weather tracking systems are providing our operational teams with the tools they need to maintain a safe, resilient energy grid.”

Read more.

SAVE THE DATE

Register Now for EEI 2022

EEI is excited to welcome you to our first in-person annual meeting in three years. Whether you’re new to the industry or a seasoned pro, EEI 2022 will offer world-class content, cutting-edge technology advances, and unmatched networking opportunities. This reimagined thought leadership forum—June 20-22 at the JW Marriott Orlando, Grande Lakes—will focus on the technologies, pathways, tools, and partnerships needed to continue reducing carbon emissions in our sector and across the economy.

Industry leaders, including electric company executives; policymakers and influencers; executives from technology companies, corporate customers, and other partners; and members of the media all will be on hand.

During our main stage sessions and breakouts, we will explore various themes related to providing resilient clean energy to power a net-zero economy, including technology
development and deployment; the policies needed to support a clean energy transition; meeting customer expectations; the role of transmission; the importance of a reliable, resilient energy grid; electric transportation; environmental justice; and more. Register today.

TUNE IN

Showcasing Clean Energy Policy and Progress

Listen now to two new episodes of the Electric Perspectives Podcast that showcase EEI member companies' leadership on clean energy and highlight the policies needed to advance our clean energy vision.

Focusing on Clean Energy This Earth Day—and Every Day
EEI Chairman and DTE Executive Chairman Gerry Anderson and Eric Grey, EEI vice president of government relations, discuss support for the clean energy tax package pending in Congress and outline why these policies are good for our customers. They also discuss new carbon-free technologies, electrification of the transportation sector, and more.

What’s Next for the Carbon-Free Technology Initiative?
In February 2021, EEI and its members worked with industry leaders and leading environmental groups to launch the Carbon-Free Technology Initiative (CFTI). In this episode, Jeff Lyng, area vice president of energy and sustainability policy at Xcel
Energy, and Eric Holdsworth, EEI managing director of clean energy and environmental policy, reflect on the progress of CFTI’s policy and funding goals and discuss what comes next. Learn more about CFTI.

IN THE NEWS

Electric Companies Coordinate on Cybersecurity

Protecting the nation’s energy grid and ensuring a reliable supply of energy are top priorities for America’s electric companies.

The energy grid is vital to the life, health, and safety of all Americans, and it is critical to the economic and national security of the nation. The men and women of the electric power industry work every day to enhance the security, reliability, and resiliency of the energy grid to protect it from evolving threats and to deliver the energy customers need.

Our security strategies constantly evolve and are closely coordinated with the federal government through a CEO-led partnership called the Electricity Subsector Coordinating Council (ESCC). By working together, industry and government greatly enhance our nation’s ability to defend and to protect against cyber and physical security threats and to respond to emergencies effectively.

Read more on EEI’s website. An April article in The Washington Post gives a snapshot of how electric companies are working with the government to prepare for potential cyber-attacks.
Innovative Rate Design Using AMI Data

Recognizing the impact of rate structures on customer satisfaction, electric companies can design customer-centric rates based on AMI data to better align rates with specific usage patterns.

Read the case study to see how NHEC partnered with Bidgely to analyze and segment customers for an innovative approach to rate design.

Read more.
SoCalGas Begins Assembling Hydrogen Home

Southern California Gas Company (SoCalGas), a subsidiary of Sempra Energy, announced it is assembling the [H2] Hydrogen Home, a state-of-the-art demonstration project designed to show the resilience and reliability of a hydrogen microgrid. It is taking shape at its Energy Resource Center in Downey, CA.

The [H2] Hydrogen Home features a nearly 2,000-square-foot house, solar panels, a battery, an electrolyzer that converts solar energy to hydrogen, and a fuel cell to supply electricity for the home. Hydrogen also will be blended up to 20 percent with natural gas and used in the home’s tankless water heater, clothes dryer, gas stove, fireplace, and outdoor grill.

The project aims to demonstrate how a home that acts as a miniature microgrid can be constructed on a larger scale to power residential neighborhoods and businesses.

“For the past decade, SoCalGas has invested in hydrogen research and development, recognizing it as a critical component of our transition to net-zero emissions,” said Maryam Brown, SoCalGas president. “The [H2] Hydrogen Home brings many of the technologies that we helped pioneer together under one roof in a unique showcase of how California might power resilient communities and businesses in the future.”

Read more.
SAFETY FOCUS

Remember to Dial 8-1-1 Before Digging

Throughout April—National Safe Digging Month—EEI and our member companies worked to educate customers on the importance of always calling 8-1-1 at least 72 hours before digging for a construction, landscaping, or gardening project.

Remember these tips:

- You must call 8-1-1 even before starting small projects, like installing a fence or a mailbox. When you call 8-1-1, the call center will alert your local electric, natural gas, telephone, and water companies, which will mark the approximate locations of underground utility lines in your project area with paint or flags.

- Be sure to plan ahead: it generally takes two to three days for companies to respond. Stay at least two feet away from the utility line markings while digging.

Common Ground Alliance, an association that works to prevent damage to underground utility infrastructure, estimates that, this year, more than 11 million homeowners will risk unintentionally damaging buried utilities by not calling 8-1-1 before a digging project. Hitting a buried line is a serious safety hazard.

By making a simple call, you can help prevent injuries, property damage, and outages.
IN CASE YOU MISSED IT

Energy Is the Future of Everything

In the current issue of *Electric Perspectives*, Nick Akins, American Electric Power chairman, president, and CEO, writes: “From transportation to industrial processes, most sectors of the American economy are looking to the electric power industry to provide clean, reliable, and affordable energy today and for the future.

“Electricity has been the backbone of the American economy for the last century. We’ve powered factories, enabled more productive working hours by lighting the darkness, and made the modern conveniences of daily life possible. With all the electrification we’ve seen to date, the most exciting and transformational period still lies ahead, as more and more of our economy is powered with electricity.

“Our industry will play a pivotal role in the future of everything—from transforming energy resources and fueling travel to helping improve the quality of life across the country.”

[Read more.](#)
Happy #EarthDay2022! America’s electric companies are working to get the energy we provide as clean as we can, as fast as we can while keeping customer reliability front and center as always. Learn more at bit.ly/22eeiCEV.

#Committed2Clean

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EEI 2022  JUNE 20-22
JW Marriott Orlando, Grande Lakes
Unsubscribe from these messages.