



EESI Impact

NOVEMBER 2025

NEW EESI RESOURCES IN DEMAND: AI AND DATA CENTERS

Artificial intelligence (AI) and the spread of data centers are making headlines. **Congressional staff have asked EESI about these issues**, so we have prioritized the development of **briefings, articles, and other educational resources** to answer their questions. **More than 400 people** watched EESI's recent briefing about the energy and environmental implications of AI, which featured remarks from Rep. Chuck Fleischmann (R-Tenn.) and Sen. Brian Schatz (D-Hawaii).



EESI
IN THE NEWS!

Reporters have cited
EESI's AI and data
center resources
60 times
in just four months

ALMOST
FOUR
MEDIA HITS
PER WEEK

ABOUT DATA
CENTERS ALONE!

Data centers are large warehouses filled with racks of internet-connected servers. They power everything from Google searches to Netflix shows. As of March 2025, almost 5,500 data centers were operating in the United States.

Electricity demand from data centers is expected to increase to 130 gigawatts by 2030—enough to power almost 114 million homes for one year. About 56% of all electricity consumed by data centers is generated by power plants running on **fossil fuels**. And on top of that, data centers are massively thirsty. A large data center can consume up to **five million gallons each day**, the water use equivalent of a small city of 50,000 people.

Want to learn more? Check out EESI's briefings, *Artificial Intelligence: Implications for Energy and the Environment* and *Powering Up: Improving Energy Grid Reliability and Resilience to Lower Energy Bills*.

CHECK OUT EESI'S CLIMATE CHANGE SOLUTIONS NEWSLETTER!



What? A recap of **action on Capitol Hill** as well as EESI's **articles, podcast episodes**, and more!

Why? To stay updated about the latest climate solutions!

When? Every other Tuesday!

How? By email! Subscribe at eesi.org/signup!

WHAT HAPPENS AT CLIMATE WEEK NYC...



I went to Climate Week NYC for a few days in September. It was too much for one person to take in. But I still learned a lot from participating in some really good events and talking with some

very insightful people. I thought you might be interested in a few takeaways related to the climate action you help make possible.

(And by “takeaways,” I mean “**challenging questions that need to be answered** to continue our work to advance climate solutions.”)

- Following the (voluntary and involuntary) departures of so many federal employees, what should be prioritized when restaffing government agencies? **How could EESI help Congress imagine an EPA 2.0**, for example, that better serves frontline communities?
- How can we maximize the value of nonpartisan, science-based Congressional education at a time defined by high-stakes politics and a lack of trust and interest in lawmaking? Could new partners leverage EESI's work with policymakers and the media to forge **durable, bipartisan solutions that might last long enough to deliver meaningful benefits to people?**
- Does all the energy—pun intended—generated during Climate Week stay in New York? Or **does it make its way back** to corporate boardrooms, state capitals, city halls, and Washington, D.C.?

What do you think? I would be really interested in hearing your feedback about this. You are, after all, tremendously important to us. How we answer these questions will determine how much we are able to accomplish together.

Thanks for your continued commitment.

Daniel Bresette,
President

NEW STAFF SPOTLIGHT

I am thrilled that **my EESI internship led to a full-time job** here after graduation!

I'm excited to continue working at an organization where I had such a great time as an intern.

I get to cover my first **U.N. climate summit** (COP30) in November.

And in general, I'm enjoying **meetings on Capitol Hill, researching new topics, and spotlighting innovative solutions!**

Laura Gries
POLICY ASSOCIATE



THIS JUST IN: CHECK OUT OUR NEW TRANSPORTATION TOPIC PAGE!



Check out eesi.org/transportation to get up to speed on U.S. roads, railroads, airways, and shipping routes—and how they relate to climate and health.



WHAT WE ARE CREATING TOGETHER



Clean, decarbonized energy—affordable and accessible for all



Resilient, healthy, just communities ready for climate change impacts



Informed decision-makers motivated and equipped to act now

STAY
CONNECTED

Contact Us:
202-662-1887
hello@eesi.org

Subscribe to our emails
for zero-waste updates:
eesi.org/signup

Engage with us on social media:
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IN THE KNOW: RIVER RESILIENCE



WHY IS RIVER RESILIENCE IMPORTANT?

Rivers supply nearly 70% of our nation's drinking water and 45% of its irrigation water. Yet many **rivers and riverine communities face growing threats** from climate change.

WHAT CAN BE DONE?

EESI's Resilient and Healthy Rivers briefing series identified **ways to protect rivers and communities**: restore species and habitats, reduce agricultural and urban runoff, and use water more efficiently.

HOW CAN THE FEDERAL GOVERNMENT HELP?

Federal programs like the National Estuary Program provide resources to local officials. **Coordinated federal investments** have been successful in the Great Lakes and Chesapeake Bay, and could help restore rivers as well.

SPOTLIGHT KUDOS FOR EESI'S EXPO AND POLICY FORUM



“

I very fondly remember, over 10 years ago at this point, starting on Capitol Hill and coming to these EXPOs and learning a lot. So, thank you for putting on a great event every year.

”

Matthew Allen

Director of Legislative Affairs
National Hydropower Association



NOVEMBER

U.N. Climate Summit

EESI covers COP30 in several **articles and trackers**, a daily **COP Dispatch newsletter**, and **briefings**—including one about international trade and climate policy.



DECEMBER

Hill Hearings Recap

What have members of Congress discussed in **climate, energy, and environmental hearings in 2025**? Find out with EESI's summary.



JANUARY

Wildfires Briefing

EESI will explore **the causes of dangerous wildfires and resilience strategies** one year after the disaster that took place in Los Angeles.

Make a year-end gift to **propel climate solutions TODAY!**



Donor-Advised Fund
Put the money **you have**
already set aside for
charity to great use



Qualified Charitable Distribution
Set up a QCD—a **tax-smart**
way to give if you're at least
70.5 years old



Appreciated Stock
Donate appreciated stocks
at their current market
value, a **tax-smart way to**
give (see eesi.org/stock)



Give Online
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Sustaining Partner with
monthly gifts



Give by Mail
EESI
1020 19th St. NW, #400
Washington, DC 20036



A CLIMATE SOLUTIONS LEGACY AFTER A LIFE OF LOVE

Samuel and Nikki Benson's legacy will live on in EESI's work to advance science-based climate solutions, **thanks to a generous gift from their donor-advised fund after their passing.** Both experienced poverty at young ages. Sam was born in a house with a dirt floor in Arkansas, and Nikki struggled with the costs of raising three young children as a single mom.

When they met, Sam was a doctor and Nikki was a nurse. **Nikki was particularly concerned about how climate change and environmental issues would affect her grandchildren.** Together, they became generous philanthropists. We are honored to be part of their legacy.

Sites like freewill.com allow you to make your own legacy plans to advance climate change solutions.

*Thank you,
Sam & Nikki*



Photo courtesy of
Marion Gibson

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