



# Sustainable Energy in America 2025 Factbook



## WHAT INDUSTRY EXECUTIVES ARE SAYING

### About the 2025 *Sustainable Energy in America Factbook* and the U.S. Energy Expansion

February 21, 2025 – The [Business Council for Sustainable Energy](https://www.bcse.org) and [BloombergNEF](https://www.bloombergnef.com) recently released the thirteenth edition of the *Sustainable Energy in America Factbook*. It is available to download for free at [bcse.org/factbook](https://bcse.org/factbook).

The Factbook provides a comprehensive look at the progress of key energy industries – energy efficiency, natural gas, and renewable energy – in the United States, providing both year-on-year and decade-long statistics.

Designed for a broad audience, the Factbook is a key resource for public policymakers, curious students, and energy professionals alike. **Find out why energy industry leaders refer to the *Sustainable Energy in America Factbook* as their go-to resource on the U.S. energy expansion.**

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#### **Paula R. Glover, President, Alliance to Save Energy**

"With comprehensive insight into today's multifaceted energy trends, the 2025 Factbook reaffirms a powerful truth: energy efficiency is driving economic growth and job creation. Over the past decade, a 29.1% increase in energy productivity sets the foundation for a stronger, more resilient grid. And with over 2 million Americans employed in energy efficiency jobs across the United States, investing in efficiency isn't just smart policy – it's an engine for economic opportunity."

#### **Patrick Serfass, Executive Director, American Biogas Council**

"This year's Factbook shows the incredible, continued demand for sustainable energy in the U.S. and highlights one of the fastest growing sectors: biogas. Last year was a record-breaking year for new biogas systems coming online – 125 new projects representing \$3B of domestic investments."

#### **Richard Meyer, Vice President, Energy Markets, Analysis and Standards, American Gas Association**

"The last decade has seen a rapid evolution of America's energy system, as natural gas has become the foundation fuel supporting the resiliency and reliability of the overall system, as well as the single largest driver of energy emissions reductions. Accurate, trustworthy data is invaluable for anyone working to understand these trends and forces impacting our energy system. BCSE's *Sustainable Energy in America Factbook* is a fantastic resource for anyone who works on energy policy."

#### **Lynn Abramson, President, Clean Energy Business Network**

"The Factbook is an invaluable resource that captures a snapshot in time of where the energy economy is. We lean on it each year to grasp with confidence the energy jobs, investment, and deployment across all major

energy sectors at an in-depth and accessible level. We see it as an unmatched resource to educate stakeholders across our network.”

**Heather Reams, President, CRES Forum**

“The findings from this year’s Factbook reaffirm that an all-of-the-above energy strategy is the best approach to meeting our growing electricity demand while strengthening the economy and reducing global emissions. CRES Forum is a proud sponsor of the *2025 Sustainable Energy in America Factbook* and encourages energy and climate stakeholders to leverage its data to advocate for policies that prioritize American homegrown energy projects.”

**Joel Yu, Senior Vice President, Policy and External Affairs, Enchanted Rock**

"Insights from the 2025 Factbook highlight efforts to provide the reliable, resilient, and affordable energy we need as a nation. Enchanted Rock, a leading provider of onsite generation, is setting a new standard for flexible power solutions through our dual-purpose microgrids. Amid booming load growth and rising weather threats, critical infrastructure and businesses need a new approach – one that safeguards their operations while contributing power to the grid, rather than drawing from its already limited supply. BCSE and BloombergNEF provide illuminating data and analysis on what's most important in energy today."

**Katie McGinty, Vice President and Chief Sustainability and External Relations Officer, Johnson Controls**

"C-suites everywhere are realizing that when you lean into sustainability, you solve for some of the biggest challenges facing business today. While buildings account for nearly 40% of global emissions, the technology exists today to slash operational costs and get to net zero through a combination of energy efficiency, electrification, and digitalization. By touching on all three topics, this year's Factbook highlights our progress and builds momentum for a sustainable future that benefits both the planet and the bottom line."

**Kathleen Frangione, Executive Director, Sustainability, JPMorgan Chase**

“The Factbook consistently provides insight and intelligence on the most timely business and investment trends across the energy sector in America. As the U.S. energy sector faces new challenges and opportunities in meeting the growing demand for reliable, affordable, clean energy, the Factbook’s clear and compelling visualizations serve as important tools for industry participants and decisionmakers. JPMorgan Chase is proud to support the Factbook and leverage its data and stories.”

**Bob Hinkle, CEO and Founder, Metrus Energy**

“To accelerate investment in sustainable energy, it's essential that the full range of economic, environmental, operational, health, and environmental benefits of sustainable energy projects be clearly articulated. The BloombergNEF and Business Council for Sustainable Energy 2025 Factbook advances this important objective by providing valuable insights into the year-over-year progress being made in energy efficiency and renewable energy investment. Metrus Energy is a long-standing member of BCSE for exactly the kind of constructive, fact-based analysis contained in the 2025 edition of this important report.”

**David J. Muchow, Managing Partner, MuchowLaw**

"My clients need to have the facts about energy and market trends to run their businesses. Cutting through the static to find the facts is even more important now, as partisan politics continues to have an increasing role in energy policy. But here's the good news: BCSE and BloombergNEF's Factbook is out again this year and it gives you those facts without the static. So it's the first thing I refer to. For years, it's been the gold standard for unfiltered, non-partisan clean energy data and trends, backed up by BloombergNEF's extensive information gathering capabilities and BCSE's decades of real-world business experience in all facets of the clean energy industry."

**Malcolm Woolf, President and CEO, National Hydropower Association**

"The Factbook is an invaluable tool. In fact, I keep the latest edition by my desk all year long because it's THE go-to resource for the state of the energy industry. In an ever-changing landscape, the Factbook is a must-have to ensure up-to-date, fact-driven decision making. I encourage any person who's working toward a better energy future to utilize this important asset."

**Justin Koscher, President, Polyisocyanurate Insulation Manufacturers Association**

"As the U.S. accelerates efforts to meet energy challenges of tomorrow, continued investments in energy efficiency across our homes, buildings, and beyond will be critical to support economic growth and smart expansion of our energy infrastructure. The *2025 Sustainable Energy in America Factbook* highlights the vital role of energy efficiency leaders, such as insulation manufacturers, in advancing these shared goals."

**Arvin Vohra, CEO, Redaptive**

"As a member of the Business Council for Sustainable Energy, Redaptive is proud to help promote BCSE's *2025 Sustainable Energy in America Factbook*. Produced with BloombergNEF, the Factbook offers up amazing insights for anyone looking to understand the complex energy and sustainability initiatives across the United States. Consider it your go-to read to get oriented for 2025's trends."

**Jeannie Salo, Chief Public Policy Officer, Schneider Electric North America**

"We are at an inflection point in America's energy transformation, and the Factbook helps explain why. The data reveals demand for electricity, energy efficiency solutions, and digitalization is rising. For our part, Schneider Electric is well-positioned to continue playing a leading role in helping shape a more innovative, affordable, and energy-efficient future in America."

**Lisa Larroque Alexander, Senior Vice President and Chief Sustainability Officer, Sempra**

"BCSE's Factbook provides valuable information on what it takes to modernize energy infrastructure for a more resilient and competitive future. With one of the largest energy networks in North America, Sempra continues to make important 'all of the above' investments like those highlighted in the Factbook, including natural gas and electricity infrastructure and the deployment of efficient next-generation technology to strengthen resiliency and affordability."

**Paul Lau, CEO, Sacramento Municipal Utility District**

"As we continue to make strides toward a sustainable future, the insights provided by the Factbook are invaluable to our planning and progress. At SMUD, our 2030 Zero Carbon Plan reflects our commitment to leading the charge in clean energy innovation. With tools like the Factbook, we're able to holistically plan for the transformation of our energy landscape, keep working to reduce carbon emissions and ensure a resilient and sustainable future for everyone in our community."

**Scott Tew, Vice President, Sustainability and Managing Director, Center for Energy Efficiency and Sustainability, Trane Technologies**

"The 2025 Factbook is an essential resource, providing the latest energy data and insights for industry leaders and government officials. It addresses the growing energy demand and showcases the positive efforts of companies like Trane Technologies while also highlighting successful policy changes that improve energy efficiency, increase the use of renewable energy, and significantly reduce overall energy consumption."

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*The [Business Council for Sustainable Energy](#) (BCSE) is a coalition of companies and trade associations that deploy clean energy and decarbonization solutions, with a sector focus on energy efficiency, natural gas, and renewable energy. The coalition advocates at the federal level for policies that advance the deployment of a broad portfolio of clean energy technologies. Established in 1992, BCSE members include investor-owned utilities, public power, independent power producers, project developers, technology providers, equipment manufacturers, environmental and energy market service companies, and more.*