

GE Vernova's New Sustainability Report Highlights Progress Adding New Power to the Grid, Enabling People to Thrive, Reducing Carbon Intensity, and Advancing Breakthrough Energy Technologies

- Company details efforts across its Mission: Electrify the Planet to Thrive and Decarbonize.
- 2025 step change advancements across a range of breakthrough technologies, including small modular reactors, carbon capture and storage, direct air capture, and hydrogen and ammonia as fuels.
- Bringing 26 gigawatts (GW) of new generating capacity online in 2025, with a carbon intensity ~31% below the global average carbon intensity of the existing grid.
- Of that new capacity added, 47% was deployed in developing and emerging economies.
- 64% reduction in Scope 1 and 2 operational emissions since 2019.
- Our overall product coverage under the 4R circularity framework reached 53%, an increase from 38% in 2024.
- GE Vernova's newly launched Electrification Impact Tracker released alongside report illustrates the company's global impact electrifying the planet and supporting people and communities so

everyone can thrive.

Cambridge, MA (June 17, 2026) - GE Vernova Inc. (NYSE: GEV) today released its [2025 Sustainability Report](#), demonstrating continued progress toward its mission to electrify the world to thrive and decarbonize, with an emphasis on moving bold and innovative breakthrough technologies from concepts to reality.

The company's annual sustainability reporting highlights milestones for bringing new global power generation online the world needs to expand energy access, including in developing and emerging economies, while doing so at a lower carbon intensity than the global grid average. The annual summary also noted additional investments around the world in workforce training for the energy sector's next generation of leaders and continued reductions to the company's Scope 1 and 2 emissions.

"At its core, our work is not only about electrons and emissions," said [Scott Strazik](#), **GE Vernova CEO**. "Energy is about people, and we're working to electrify the planet in a way that enables individuals, communities, and economies to thrive, every day."

"The story of GE Vernova is one of an unrelenting focus on delivering the technologies the world needs not just today, but importantly for the decades ahead," said [Roger Martella](#), **Chief Corporate Officer and Chief Sustainability Officer**. "I have never been more optimistic about our ability to help meet not only the needs of today, but of the generations that follow."

The new Sustainability Report showcases the company's comprehensive sustainability strategy based on a refreshed sustainability framework which is underpinned by 5 Charges, the bold ambitions driving how the company delivers impact to achieve its sustainability goals. Progress on these goals is driven by the four strategic pillars of the sustainability framework: Electrify, Decarbonize, Conserve, and Thrive.

2025 Progress includes:

ELECTRIFY: Catalyze access to more secure, sustainable, reliable, and affordable electricity, and help drive global economic development

- In 2025, GE Vernova brought 26 GW of new generating capacity online, the approximate equivalent of the installed generating capacity of the U.S. state of Louisiana, with 47% deployed in developing and emerging economies.
- Across grid infrastructure, 68 GW of new power transformers were energized, equivalent to the approximate installed generating capacity of Egypt, with 33% in developing and emerging economies.
- Approximately 10,700 students and learners have been reached through the GE Vernova Foundation's workforce development programs since the beginning of 2024, with an overall goal to reach 30,000 learners by 2030.

DECARBONIZE: Invent, deploy, and service the technology to help decarbonize our world

- New power generating capacity of our equipment brought online is ~31% below the global average carbon intensity of the existing grid, demonstrating that electrification with our equipment has an impact on reducing the carbon intensity of the grid.
- 22 million metric tons of CO₂ avoided last year by deploying technologies with lower carbon emissions than the current standard for the relevant grid. This is the equivalent to 5.1 million gasoline-powered passenger vehicles driven in one year. This is a relevant data point for how we deploy technologies with favorable emissions profiles as compared to what may otherwise be deployed.
- We document 2025 step change progress on our breakthrough technologies, including small modular nuclear reactors, carbon capture and storage, direct air capture, and ammonia and hydrogen as fuels.

Breakthrough technologies moving from concept to reality:

As part of the company's focus on innovating for the future, the 2025 Sustainability Report highlights step change progress on breakthrough technologies:

- **Small Modular Reactors (SMRs):** In April 2025, GE Vernova Hitachi received the first license issued to construct an SMR in Canada. Construction on the GE Vernova Hitachi (GVH) BWRX-300 at Ontario Power Generation's (OPG) Darlington site in Clarington, Ontario started in May 2025. The project will deliver the first operating commercial SMR in the Western world.
- **Carbon Capture & Storage (CCS):** Construction began on the Net Zero Teesside (NZT) Power station in the United Kingdom in 2025 – once completed, it is expected to be the world's first commercial-scale gas power plant equipped with carbon capture and storage. The facility is expected to generate over 740 MW of lower-carbon power.
- **Direct Air Capture (DAC):** The company's 10-ton-per-year DAC pilot system at its Advanced Research Center in Niskayuna, New York is now operational, capturing CO₂ directly from ambient air across a wide range of operating conditions. Our DAC system will soon be deployed at Deep Sky Alpha in Alberta, Canada, becoming the world's first cross-technology CO₂ removal hub.
- **Ammonia and Hydrogen Fuel Capabilities:** GE Vernova and IHI completed a new Large-scale Combustion Test (LCT) facility engineered to test advanced ammonia combustion systems at GE Vernova's F-class gas turbine operating conditions. Also, GE Vernova successfully completed the validation test campaign of a hydrogen Dry Low Nox (DLN) combustor for B- and E-class gas turbines, demonstrating robust operations on natural gas and hydrogen blends and on 100% hydrogen with dry emissions below 25 ppm NO_x.

CONSERVE: Innovate more, while using less, safeguarding natural resources

- In 2025, GE Vernova reduced its Scope 1 and 2 (market based) greenhouse gas emissions footprint by 27% year-over-year across our operations, with a 64% reduction since 2019.
- GE Vernova's Circularity Brochure details the company's Circularity efforts, highlights include: 53% of GE Vernova's top products are now covered by its 4R circularity framework (Rethink, Reduce, Reuse, Recycle), with 76% of products covered by Life Cycle Assessments or Environmental Product

Declarations.

THRIVE: Advance safe, responsible, and fair working conditions in our operations and across our value chain

- GE Vernova's 2025 Human Rights Statement provides detailed information on the company's efforts to enhance due diligence processes, risk assessments, and other actions taken in 2025 across the human rights program.
- GE Vernova's new Code of Conduct marks a significant milestone for the evolution of the ethics and compliance program, shifting from a rules-based framework to a values-based foundation.
- The GE Vernova Foundation helped support thriving people and communities by distributing \$12.8 million in total GE Vernova family giving, and \$800,000 in disaster relief and recovery aid to communities affected by global disasters in 2025.
- The company achieved recognition for its inclusion efforts, earning "Best Company: Culture" and "Best Company: Work-Life Balance" honors from Comparably.

Empowering AI For Customers, Company and Communities

As AI transforms how the world works, GE Vernova is using the power of automation and Artificial Intelligence to transform energy into solutions. The company is working to drive greater efficiency, higher quality, and innovation that can improve outcomes for our customers, company, and communities.

The report details how GE Vernova is scaling AI infrastructure for customers, pursuing AI as a key area of growth and innovation within the company, and establishing key partnerships with organizations in our communities to explore and evaluate potential solutions that aim to use AI for sustainability-related use cases.

Electrification Impact Tracker

Released alongside the 2025 Sustainability Report today is GE Vernova's newly launched [Electrification Impact Tracker](#), available on [GE Vernova's sustainability website](#). By visualizing the gigawatts of new power generating capacity added and technologies deployed to power homes in various regions, the Impact Tracker illustrates our company's global impact electrifying the planet and supporting people and communities so everyone can thrive.

A New Way of Solving Energy Access

In April 2025, GE Vernova hosted the first-of-its kind Mendoza Collective Action Summit. Over three days in Mendoza, Argentina, 15 global leaders from across the public, private, and academic sectors came together to confront a shared challenge: how to accelerate access to affordable, reliable, and sustainable energy for all.

What emerged was a shared sense of urgency that we need new ways of working together, which led to the development of a set of shared foundational values to guide this work, known as the Mendoza Principles. The report outlines the principles and actions that the energy industry must take to meet rapidly growing energy demand while delivering sustainable development for the benefit of our communities. **Read the Mendoza Report [here](#).**

"2025 marks the transformative moment where GE Vernova's story became squarely focused on serving the future. The world's growing needs are changing, and we need to change to be ahead of it," **Martella** said.

GE Vernova is a signatory of, and participant in, the UN Global Compact (UNGC). The United Nations Sustainable Development Goals (UN SDGs) provide 17 objectives to help address the most pressing global challenges. Our sustainability efforts align with ten of the 17 SDGs.

The full 2025 Sustainability Report is available at <https://www.gevernova.com/sustainability/reports-data>.



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About GE Vernova

GE Vernova Inc. (NYSE: GEV) is a purpose-built global energy company that includes Power, Electrification and Wind segments and is supported by its accelerator businesses. Building on over 130 years of experience tackling the world's challenges, GE Vernova is uniquely positioned to help lead the energy transition by continuing to electrify the world while simultaneously working to decarbonize it. GE Vernova helps customers power economies and deliver electricity that is vital to health, safety, security, and improved quality of life. GE Vernova is headquartered in Cambridge, Massachusetts, U.S., with approximately 85,000 employees across approximately 100 countries around the world. Supported by the Company's purpose, The Energy to Change the World, GE Vernova technology helps deliver a more affordable, reliable, sustainable, and secure energy future.

Forward-Looking Statements

This document contains forward-looking statements – that is, statements related to future events that by their nature address matters that are, to different degrees, uncertain. These forward-looking statements often address GE Vernova's expected future business and financial performance and financial condition, and the expected performance of its products, the impact of its services and the results they may generate or produce, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," "will," "would," "estimate," "forecast," "target," "preliminary," or "range." Forward-looking statements by their nature address matters that are, to different degrees, uncertain, such as statements about planned and potential transactions, investments or projects and

their expected results and the impacts of macroeconomic and market conditions and volatility on the Company's business operations, financial results and financial position and on the global supply chain and world economy.

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