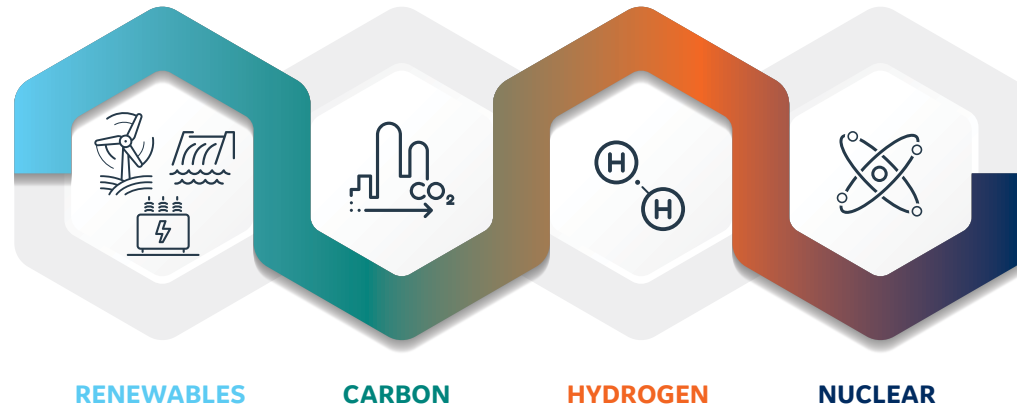


GE Vernova is uniquely positioned to seize the energy opportunities in recent legislation

Congress has enacted two landmark climate change laws, the Inflation Reduction Act (IRA) and Infrastructure Investment & Jobs Act (IIJA), which aim to reduce US greenhouse gas emissions by more than 40%* by 2030, while advancing US investments in energy resiliency and breakthrough technologies. With the industry's broadest portfolio of technologies across the energy value chain, GE Vernova is uniquely positioned to help America achieve the goals of this legislation and is working with key stakeholders to help bring their promise to reality.

The IRA includes multiple clean energy tax credits that will reduce emissions, promote US energy security, and increase jobs and investment. Together, GE Vernova's portfolio of energy businesses have unique expertise across wind, gas, hydro, storage, nuclear and grid. Our technologies, coupled with our expertise, will accelerate decarbonization efforts across the US, while supporting energy manufacturing and jobs—today and in the future.



RENEWABLES

CARBON

HYDROGEN

NUCLEAR



GRID

BREAKTHROUGHS

PRODUCTION CREDIT FOR ONSHORE WIND

GE's onshore wind business has been named the #1 wind equipment provider in the country for the last 5 years. Our next generation 3MW Sierra platform is fully tested, validated, and ready to support accelerated wind growth in the US.

PRODUCTION & INVESTMENT CREDITS FOR HYDRO

A global leader in hydro projects and refurbishments, GE's technology is providing baseload power while also helping the environment. GE Hydro's portfolio of solutions act as a force multiplier for renewables, balancing the grid and enhancing grid reliability as more renewable energy resources come online.

INVESTMENT CREDIT FOR OFFSHORE WIND

GE's wind turbines are used at the only commercial offshore wind project in the US at the Block Island Wind Farm, off Rhode Island's coast. Our turbines will be used for the first US utility scale offshore wind installation at Vineyard Wind, off the coast of Massachusetts.

ADVANCED MANUFACTURING CREDITS

Our nacelle facility in Pensacola, FL and our LM Blade facility in Grand Forks, ND are providing onshore wind turbines to our US customers. For offshore wind, the benefits tied to localization and the significant federal and state targets, provides a clear path for developing a US supply chain.

INVESTMENT CREDIT FOR STORAGE

GE's Hydro pumped storage technology is the most economical storage technology for long discharge duration and is capable of production, storage, grid stabilization, as well as water management. GE's energy storage solutions use advanced technologies capable of offering both standalone and integrated hybrid applications.

CARBON CAPTURE SEQUESTRATION CREDITS

We are working in collaboration with the US Department of Energy and other stakeholders to equip existing natural-gas fired power plants with advanced carbon capture technology.

PRODUCTION CREDIT FOR CLEAN HYDROGEN

Our extensive portfolio includes wind and nuclear technologies to propel the new hydrogen economy forward as well as hydrogen-capable gas turbines with more than 8 million hours of operating experience.

NUCLEAR POWER PRODUCTION CREDITS

GE is a world-leading provider of advanced reactors, and fuel and nuclear services supporting over ~60% of the US installed fleet.

The IIJA is a once-in-a-generation investment in our nation's infrastructure and competitiveness. The law is aimed at modernizing the electricity grid to improve resiliency. IIJA also invests in the demonstration and deployment of breakthrough technologies to accelerate energy innovation.

GRID MODERNIZATION

GE's portfolio of hardware and software solutions enables smart grids, prevents outages, optimizes electricity flow, supports transmission facilitation, and enhances grid flexibility and resiliency.

BREAKTHROUGH TECHNOLOGIES

GE Research's 1,000+ scientists and engineers are focused on developing and improving breakthrough technologies to accelerate the energy transition, including but not limited to small modular nuclear reactors, direct air carbon capture, and clean hydrogen production.



GE VERNOVA

Our portfolio of energy businesses

*Source: <https://rhg.com/research/climate-clean-energy-inflation-reduction-act/>