Sustainability Resource: Environmental Stewardship

NextEra Energy delivers reliable, low-cost energy that meets the needs of the customers and communities it serves, while safeguarding natural resources and acting as responsible stewards of the environment.

To that end, NextEra Energy employees integrate environmental stewardship into daily operations, from deploying advanced environmental monitoring systems to developing creative solutions for wildlife protection and habitat enhancement. This approach not only supports the company's environmental commitments but also drives operational excellence and innovation.

The company actively manages and restores thousands of acres of natural habitats, supports groundbreaking environmental research and invests in conservation programs that benefit entire ecosystems. Through strategic partnerships and community engagement, the company fosters biodiversity and creates lasting environmental value.

NextEra Energy works closely with local communities, regulatory agencies and other key stakeholders to identify priorities, address concerns and develop solutions that benefit both the environment and the communities the company serves. This ongoing dialogue ensures environmental initiatives remain responsive to local needs and emerging challenges.

Risk mitigation and management

NextEra Energy complies with federal, state and local environmental laws, regulations and permits that govern its operations and has processes and procedures to manage these requirements.

The company has team members dedicated to identifying, mitigating and managing environmental risks to ensure safe and responsible operations. The team includes experts in air, water, remediation, wildlife and habitat, oil and hazardous substances, archaeology and cultural resources and environmental policy.

NextEra Energy works closely with a wide range of stakeholder organizations to ensure the company develops and operates projects responsibly. The company has a proactive approach to managing environmental conservation and stewardship and strives to achieve its goal of zero significant environmental events each year.

The internal corporate environmental governance program conducts quarterly reviews. Business unit representatives rank and review environmental risks and risk mitigation counter measures, report on their performance against business unit specific environmental metrics and discuss upcoming and pending regulation changes and requirements.

Environmental risks are reviewed and communicated through a comprehensive due diligence process during the development, construction and operating life of each facility. NextEra Energy's risk management approach integrates multiple layers of review and expertise across all business units, bringing together subject matter experts, senior leadership, and cross-functional teams at each stage of project development to identify, assess, and address potential risks. These sessions include environmental representation to ensure environmental risks are being identified and managed.

NextEra Energy's teams perform environmental inspections and audits of construction sites and operational facilities to verify compliance with environmental laws, regulations and permits. These programs provide a conduit for identifying and communicating best practices, risks and improvement opportunities among sites. During a project's construction and commissioning, teams perform environmental construction compliance inspections to affirm that all applicable environmental conditions are met.

To ensure environmental compliance during operations, facilities are audited based on their risk profile to verify each facility is complying with applicable environmental requirements. Additionally, NextEra Energy has a program to review and approve waste disposal and recycling vendors that are responsible for accepting waste streams.

Emissions profile

NextEra Energy's 2024 scope 1-, scope 2- and partial scope 3- emissions inventory have received independent third-party verification. The verification activities were conducted in alignment with the principles of ISO 14064-3:2006(E) "Specifications with Guidance for the Validation and Verification of Greenhouse Gas Assertions." The company's verified scope 1-, 2- and 3- emissions data and additional information can be found in the sustainability resources section of the Investor Relations website.

Florida Power & Light Company's ("FPL") generation fleet's CO_2- emissions-reduction rate is 18% better than the national

NextEra Energy's improvements in CO_2 emissions from 2005 to 2024*

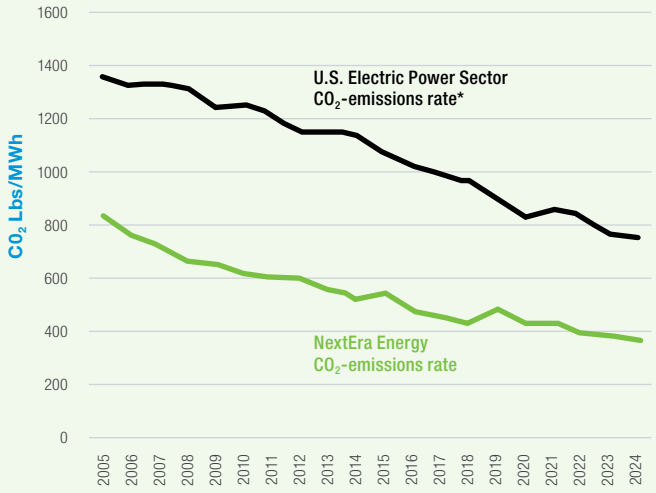
reduction in CO_2-emissions rate since 2005

reduction in absolute CO_2 tons emitted

*The CO_2 emissions are based on owned generation. The emissions rate is based on a 2005 baseline that is adjusted to account for acquisitions and divestitures during the time period. Certain facilities within the NextEra Energy wind and solar generation portfolio produce renewable energy credits and other environmental attributes that are typically sold along with the energy from plants under long-term contracts or that may be sold separately from wind and solar generation not sold under long-term contracts. The purchasing party is solely entitled to the reporting rights and ownership of the environmental attributes. Visit Reports and Filings on the investor section of NextEraEnergy.com for more information.

Our CO_2-emissions rate is better than the industry average due to our energy investments and actions

Others in our sector are reaching carbon-emissions-reduction levels today that we achieved more than 15 years ago.



*Data from EIA Monthly Energy Review (Jan. 2025)

average[1] over the past 20 years. Since 2001, FPL's smart capital investments have saved Florida customers over $16 billion in avoided fuel costs and eliminated more than 240 million tons of CO_2 emissions. Over the next decade, FPL's emissions-free power generation is expected to more than double, reaching 53%.

Our 2045 goal has always centered on delivering the power solutions that our customers and other stakeholders want and will support. That principle remains unchanged. Yet, given the demand for all forms of power generation, we currently do not see a realistic path to achieving actual zero-carbon emissions by 2045. Our commitment to doing what's right for our customers, shareholders and other key stakeholders is unwavering, and we will continue to pursue the overall best available technologies to reliably meet our customers' need for power at the lowest possible cost.

As the largest energy infrastructure developer in the country; NextEra Energy Resources is uniquely positioned to power the growth and electrification of the U.S. economy. The Company continues to transform the energy industry by pioneering new technologies and driving low-cost energy solutions for customers across the energy value chain.

Water conservation

NextEra Energy continues to take measures to reduce water consumption, including investing in water-free power generation and capacity solutions. The company embeds water conservation management strategies into business planning and operational practices to lower costs and mitigate risks posed by water availability. The company reduces consumption through efficiency, technology and operational improvements. NextEra Energy's investments in water-free energy generation, which currently comprise roughly half of the company's generating capacity, avoided the use of more than 28 billion gallons of water in 2024 in comparison to 23 billion gallons of water in 2023.

In 2024, nearly 75% of the water the company's generating facilities withdrew came from saltwater sources, which are non-potable and not subject to drought. Importantly, 98.5% of water withdrawn for use at power plants is withdrawn via a once-through cooling system and then returned to its original source. The remainder is reused or consumed through evaporation or deep-well injection. Only one of NextEra Energy's 25 generation facilities that use water is located in a region of high- or extremely high-water stress in the U.S.

1. National average from U.S. Energy Information Administration, Jan. 2025 Monthly Energy Review.

NextEra Energy continues to find innovative ways for generation facilities to reduce impacts to higher-quality water sources like groundwater. To that end, the company uses the lowest-quality water sources, including reclaimed water when feasible and available in quantities needed. For example, at the Okeechobee Clean Energy Center, a groundwater well was deepened to use water from the Avon Park Production Zone instead of the Upper Floridan Aquifer. Additionally, reclaimed water is used at the Gulf Clean Energy Center, West County Energy Center and Turkey Point Clean Energy Center. The Miami-Dade Clean Water Recovery Center, completed in 2024, treats and reuses in connection with power generation, up to 15 million gallons of wastewater daily, enhancing resiliency and helping Miami-Dade County meet regulatory requirements.

Waste minimization

NextEra Energy has implemented several company practices to reduce waste, including increasing awareness among employees. The company's environmental training program at waste generating facilities not only provides required training but also encourages employees to identify innovative ways to minimize waste and reuse materials.

The company also reduces waste and streamlines costs through a combined centralized location for waste management. The regulated materials facility ("RMF") serves as FPL's fleet accumulation site of non-nuclear hazardous and universal waste. This simplifies the management of these waste streams, which provides consistency in how hazardous waste is managed and compliance is achieved. The RMF also reduces costs and liability to the company. In 2024, the RMF recycled almost 9,800 tons of metal, 20.5 million pounds of wood from FPL poles and saved $4.8 million by refurbishing streetlights and putting them back into inventory.

Across the company, the renewable fleet continues to make significant strides in recycling. Since 2020, NextEra Energy has more than doubled the number of solar panel recycling vendors that the company works with as part of the continued commitment to the waste minimization strategy, which includes refurbishing, reusing and recycling as renewable technologies continue to evolve.

Used nuclear fuel

NextEra Energy complies with all legal requirements to ensure used nuclear fuel is stored safely. Used nuclear fuel, also referred to as spent fuel, is a byproduct of power generation at every nuclear power plant in the world, including the company's four operating nuclear power plants comprising seven total generating units. Spent uranium fuel comprises the majority of high-level waste, while the remainder is low-level waste, which includes contaminated protective shoe covers and clothing, wiping rags, mops, filters, reactor water treatment residues, equipment and tools.

Currently, spent fuel is safely contained in spent fuel pools at nuclear power plant sites and then transferred to on-site dry storage systems – safe, secure, environmentally sound and well-proven technology that has been used for more than 20 years in the U.S. Dry storage facilities are heavily secured through high-tech security and surveillance systems, radiation monitoring, regular security patrols, as well as multiple levels of physical barriers. Dry storage facilities are specifically designed and tested to provide protection from extreme natural events, such as high winds and flooding associated with hurricanes, storm surges, heavy rain events, tornadoes, fires and earthquakes.

Low-level radioactive waste can be safely removed and disposed of off-site at approved facilities within the U.S.

Habitat and wildlife preservation

During the planning phase for new facilities, NextEra Energy studies the local ecosystem to better understand what it takes to be a partner in its preservation. The company carefully considers the presence of any threatened or endangered species, as well as established critical habitat, wetlands or other ecologically important areas. The company seeks to avoid, minimize and mitigate the impact of development before beginning a project and, once a project is operating, the team continues to monitor potential impacts to biodiversity.

In addition to employing a policy to follow all applicable federal and state environmental regulations, the company makes important contributions to scientific research to support numerous vulnerable species and habitats and to better understand how to reduce impacts. For additional information, please see NextEra Energy Resources and FPL's respective Wildlife Conservation & Education Programs.