

Accelerating the Transition to a Cleaner, Greener Energy Future

We all work, live and enjoy the beauty of Florida's natural wildlife and resources.

At Tampa Electric, we are committed to protecting and preserving our environment in every decision and action as we serve your present and future energy needs.

Since 1999, we've committed to a sweeping environmental improvement plan, with a key component of that being to reduce emissions while keeping rates affordable for our customers. **Already, we've decreased carbon emissions by 50 percent and we have exciting plans for continued reduction.**

With major projects to transition our power plants to lower carbon-emitting fuels, such as natural gas, and shifting more power generation to solar, we look forward to building a cleaner, greener energy future with you.

Lower Emissions

Our community has grown over the last 20 years but not our emissions.



Percentages are based on mass emission reductions

For more information, visit our website:
tampaelectric.com



Here is how we are Lighting the Way to a Brighter Future for You and our Community.



Reducing carbon emissions, with major projects to transition our power plants away from coal to lower carbon-emitting fuels, such as natural gas. Since 2013, we've reduced coal use by more than 90 percent with more progress ahead. That includes the Big Bend modernization project, which by 2023 will include state-of-the-art combined-cycle technology that eliminates coal as the fuel for Unit 1 and will allow us to retire units 2 and 3. These enhancements help improve fuel generation efficiency, which will lower fuel costs on customer bills.



Generating more renewable energy, as Florida's top producer of solar energy per customer. With our expansion of solar energy, we are dramatically reducing carbon dioxide emissions. By 2023, the amount will equate to the removal of more than 1 million cars from local roadways. Currently, our solar projects power more than 100,000 homes, businesses and even schools with the sun. When we complete our next wave of solar projects, nearly 14 percent of our energy will be generated with solar power - the highest percentage of solar generation of any utility in the state - enough to power more than 200,000 homes. Long-term, as we continue to shift power generation to solar, our investments will help protect customers from fuel price volatility, and lower fuel costs on customers' bills.



Conserving energy & water. The nationally certified energy experts at Tampa Electric have been helping customers save energy and money with energy-efficiency programs for more than 40 years. Tampa Electric offers more energy-efficiency programs than any other electric utility in the state. The energy-efficiency programs we make available to all our customers offset the need to generate enough electricity to power nearly 12,500 homes in a year. Our solar fields require minimal water usage, allowing us to conserve water previously allocated for large farming parcels across Florida. As of 2020, Tampa Electric has saved more than 2 billion gallons of water on water permits at our solar facilities, preserving that precious resource.



Promoting Electric Vehicles Helping the environment doesn't stop at home. We power green energy solutions on the go by helping our customers to take advantage of innovative technologies like electric vehicles (EVs). By driving an electric vehicle, you can limit dependence on gas, save money and protect the environment. We also have our own green fleet of Tampa Electric vehicles, which includes extended-range, all electric cars and trouble trucks with battery-powered bucket lifts. Through an innovative energy-education program, we teach students about electric vehicle technology, through our partnerships with local high schools and the University of South Florida.

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