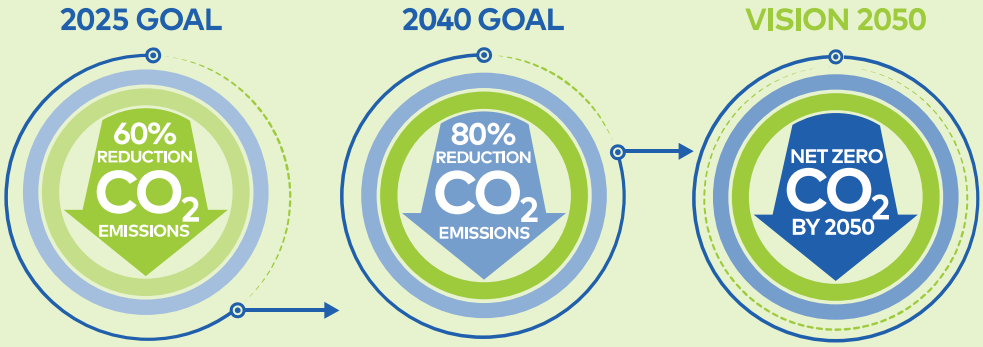
Tampa Electric Eyes Net-Zero Carbon Future

TECO TAMPA ELECTRIC AN EMERA COMPANY

Energy is essential to our customers, and they deserve a clean energy future that will better protect our health and our planet while continuing to support the needs of a thriving economy. That's why Tampa Electric has made a commitment to reducing carbon emissions that will help us work toward a net-zero vision.

Our Carbon Reduction Commitment



Why it Matters

PROTECTING THE PLANET

We know you care about protecting our planet, and our children and future generations depend on it. Across the globe, we must work together to rapidly reduce the dependence on fossil fuels.

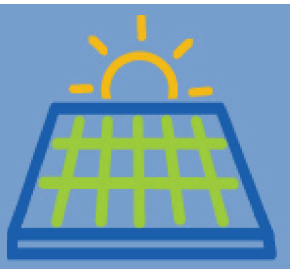
AFFORDABLE RATES FOR THE LONG TERM

Through long-term planning, we can prioritize affordable rates as we make the continued shift to renewable energy sources and other emerging technologies.

INCREASED RELIABILITY

Higher levels of reliability will be achieved through the efforts to modernize our grid and introduce battery storage as an option.

Putting Solar at the Forefront

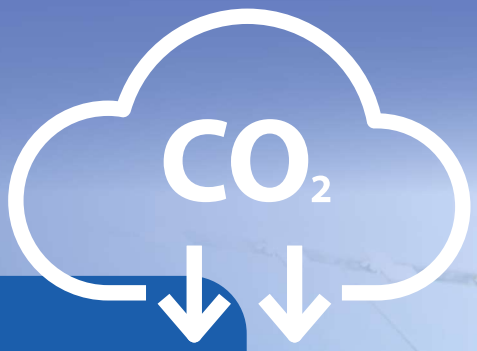


Tampa Electric currently powers more than 100,000 homes, businesses and schools with the sun, making us the state's top producer of solar energy per customer. By 2023, Tampa Electric will double that and nearly 14 percent of its energy will be generated from the sun. With continued investments in renewable energy, in 2025 we will achieve a 60 percent reduction of carbon emissions since 2000. By 2040, our goal is an 80 percent reduction. We must build upon this strong foundation, embracing innovation, new technologies and the support of the community to reach our net-zero vision.

By 2023, Tampa Electric will have nearly **14 percent of its energy generated by the sun.**

Our Plans for a Net-Zero Carbon Future

We recognize the magnitude of this commitment upon our employees and our industry. Achievement will take tremendous innovation and focus in several areas.



INCREASING THE USE OF ZERO/LOW-CARBON TECHNOLOGIES THAT WE USE TODAY.

We have been actively investing in the generation of renewable solar energy, and that clean source will soon account for 14 percent of overall energy production.

EXPLORING EMERGING SOLUTIONS THAT HELP US GENERATE MORE CLEAN ENERGY.

Emerging technologies will play a pivotal role to help us achieve our goals and timeline. Innovations in existing technologies, including solar and battery storage, as well as new technologies, like biofuels, hydrogen and carbon capture, may be components of our future energy portfolio. We're also at the forefront of research, piloting new concepts like a plug-and-play microgrid system that delivers resilient, renewable energy at the community level.

IMPROVING EXISTING POWER STATIONS

Transformative change at our power stations has been happening for years. We'll continue to introduce new technology into our remaining gas-fired fleet to better accommodate a future with zero or low-carbon fuels. Although we are still researching the possibilities, we plan to make necessary modifications to our equipment to keep existing equipment viable.

MODERNIZING OUR ELECTRIC GRID.

We're already adopting new technologies to bring more intelligence and efficiencies to both integrate more distributed generation sources and deliver energy to our customers. Smart lighting solutions, like LED streetlights, result in less carbon emissions and last longer than traditional bulbs — improving safety and air quality for our communities. Also, implementing technologies, such as smart meters, allows for remote access to start or stop service without the need for sending a truck, which saves fuel use and vehicle emissions.

PARTNERING WITH OUR CUSTOMERS AND COMMUNITY

Our teams are closely connected to community, state and national leaders and organizations, working in tandem to understand priorities and concerns as we all move towards a cleaner energy future. Our customers can also play a vital role, by reducing their energy use through our energy efficiency programs and solar solutions.