



Building Community

JEA's Electrification Rebate Program

helps local restaurant save money and emissions.

Chipotle's first all-electric kitchen in Jacksonville paves the way for company's future emissions reductions.

When Chipotle Mexican Grill chose to open their fifth location in the Jacksonville area in 2023, they made the decision to create their first all-electric restaurant. This location at 5801 Beach Blvd. was designed to serve as the model for Chipotle locations planned for 2024. It was also the first project with commercial kitchen equipment to participate in JEA's Electrification Rebate Program.

"Chipotle's goal is to reduce its greenhouse gas emissions by 50 percent by 2030, which is very ambitious" Scott Shippey, LEED AP and Principle Design for Chipotle, said. "We had to figure out a way to eliminate our onsite emissions as we grow, and this new all-electric design is one way of working toward that mission."

Due to the challenge of finding comparable electric equipment, there were concerns about the durability of all-electric kitchen equipment keeping up with the fast pace of a typical Chipotle location without affecting operations. To meet the demands of the kitchen, the location increased their electrical capacity from 400 amps to 800 amps and added two rice cookers to replace the need for a gas rice cooker.

3 Reasons to Switch to Electric Equipment:

Electric-powered equipment features up to **90% fewer** moving parts than internal combustion-powered engines, resulting in lower maintenance costs.

Making the switch can help you **reduce fuel costs by up to 70%** and **decrease exposure** to more volatile fossil fuel prices.

Electrotechnologies **produce zero on-site emissions**. They do not add NOx, particulates, hydrocarbons or carbon monoxide into the air of your work areas.

3 Benefits to Energy and Water Efficiency Upgrades

Reduce your business's energy and water use, while minimizing costs.

Lessen both your greenhouse gas emissions and water waste, which helps the environment and our local community.

Streamline operations, enhancing workplace productivity and employee comfort.

Results

This location officially opened its doors on March 6, 2023, and began seeing significant benefits from its all-electric kitchen design within months. The crew's comfort has improved compared to using a combo gas and electric stove, as the kitchen can now be kept cooler, especially during the summer. Additionally, the electric rice cookers no longer need to be placed under the hood, allowing the store to reduce the size of their hood by three and a half feet which eliminates the need for make-up air and allows the kitchen equipment to be less cramped.

From the limited time the restaurant has been in operation, Chipotle has realized some cost savings in utilities.

"We forecasted to spend a few hundred dollars more a month on utilities, but each summer month ended up being cheaper," Scott said. "It's promising to know that you can design something to maximize efficiencies and the cost of changing the fuel type can be neutral or negligible."

Scott was also proud of Chipotle's decision to move forward with an all-electric kitchen design and participate in JEA's Electrification Rebate Program. "I work with projects across the country and JEA's rebate was by far the most generous one that Chipotle has received," he said. "We're always excited to participate in new programs that not only help meet our operational needs and goals, but can bring awareness to the impact of energy efficiency."

Making a Big Impact: Environmental Impact of Chipotle's Jacksonville All-Electric Kitchen

For perspective, the lifetime savings Chipotle will experience is equivalent to:



989 miles driven by a gas-powered vehicle



432 pounds of coal burned



46,900 smartphones charged for one year



17 bags of trash recycled instead of landfilled



6.4 tree seedlings grown for 10 years

Learn more about JEA's Electrification and Business Rebates Programs. Contact us at 844-212-7822 or visit jea.com/businessrebates.



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Equipment Upgrades & Savings



Equipment Installed: 1 electric fryer, 1 electric water heater pump, 2 electric rice cookers, 1 electric stove, 1 electric grill

Total Rebate Amount: \$12,060.00

Annual Fuel Savings: \$14,700

Lifetime Fuel Savings (assumes a 12-year lifespan): \$176,400

