

October 2, 2020

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Undocketed File, Docket No. 20200000-OT

Dear Mr. Ben Crawford and Ms. Adria Harper:

The City of Tallahassee is hereby responding to the Commission's request for Comments to the EV Charging Infrastructure.

I. Projecting the increase in the use of electric vehicles in this state over the next 20 years and determining how to ensure an adequate supply of reliable electric vehicle charging stations to support and encourage this growth in a manner supporting a competitive market with ample consumer choice.

- A. Please provide a ten-year and twenty-year projection for increased EV use in Florida, including your data source for such projections.
- The number of EVs Florida is projected to reach 1.617 million in 2030. This estimate was derived from publicly available data from the Edison Electric Institute and the US Department of Energy's Alternative Fuels Data Center.*
 - A twenty-year projection is not provided.*
- B. Provide an estimate of the number of charging stations that will be needed to meet the demand presented by these ten and twenty-year projections.
- In order to support the ten-year projection, the US Department of Energy's Alternative Fuels Data Center was used to calculate that 61,160 Level 2 workplace chargers, 39,079 Public Level 2 Chargers and 2821, Public DC Fast Chargers are required. No estimate is provided to account for in home charging.*

II. Strategies to develop the supply of charging stations, including, but not limited to, methods of building partnerships with local governments, other state and federal entities, electric utilities, the business community, and the public in support of electric vehicle charging stations.

- A. Provide comment on strategies to develop the supply of charging stations, including methods of building partnerships between charging station installers, governmental entities, electric utilities, the business community, and the public.

The City of Tallahassee has established an EV Charging Program to install publicly accessible

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charging stations throughout its service territory that would have a combination of Level 2 and DC Faster Chargers. The fee for charging would be based on the level and duration of charging. These charging stations will be strategically placed along evacuation routes and near Interstate 10 where appropriate. One major issue to be determined is how will EV owners pay the equivalent Road Taxes that are currently levied against gasoline and diesel fuel purchases.

- B. Provide examples of strategies adopted or being considered in other states that could be implemented in Florida.

No examples are provided, as various State programs are widely available through public sources.

III. Identifying the type of regulatory structure necessary for the delivery of electricity to electric vehicles and charging station infrastructure, including competitively neutral policies and the participation of public utilities in the marketplace.

- A. Provide comment on the regulatory structure necessary for delivery of electricity to EV charging station infrastructure. – *No comments.*
- B. Provide comment on what constitutes competitively neutral policies in the electric vehicle charging marketplace. – *No comments.*
- C. Provide comment on the participation of public utilities in the electric vehicle charging marketplace. – *No comments.*
- D. Provide examples of regulatory structures adopted, or being considered, in other states regarding electricity supply to EV charging station infrastructure, including examples of competitively neutral policies and the participation of public utilities in the marketplace, that could be implemented in Florida. – *No comments.*

If you have any questions, please call me at 850-524-6898, or Ben Cowart at 850-524-6893.

Sincerely,



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