

# AUSLEY & McMULLEN

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May 18, 2022

**VIA: ELECTRONIC MAIL**

Mr. Adam J. Teitzman  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: EV Charger Annual Status Report  
Dkt. 20200220-EI

Dear Mr. Teitzman:

Enclosed for filing is Tampa Electric Company's 2021 EV Charging Pilot Program, Annual Status Report.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp  
Enclosure  
cc: All parties of record (w/encl.)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Tampa Electric Company )  
for Approval of Electric Vehicle Charging )  
Pilot Program )  
\_\_\_\_\_ )

DOCKET NO. 20200220-EI

FILED: May 18, 2022

**TAMPA ELECTRIC COMPANY’S  
FIRST ANNUAL REPORT  
ELECTRIC VEHICLE CHARGING PILOT PROGRAM**

Tampa Electric Company ("Tampa Electric" or "the company"), files this First Annual Report for its Electric Vehicle Charging Pilot Program and says:

**I. BACKGROUND**

1. On September 25, 2020, Tampa Electric submitted a petition seeking Florida Public Service Commission (“Commission”) approval of an electric vehicle charging pilot program (“Pilot”). Under this Pilot, Tampa Electric proposed to purchase, install, own, and maintain approximately 200 electric vehicle charging ports within the company’s service territory.

2. The company proposed to deploy the charging ports at Tampa Electric customer locations in five different market segments: (1) workplaces; (2) public/retail; (3) multi-unit dwellings; (4) income qualified; and (5) government. These customer locations, known as “Site Hosts,” would provide a site for the charging ports. Tampa Electric will pay up to \$5,000 per Level 2 port towards the cost of installation for workplaces, public/retail, and multi-unit dwellings, and the full cost of installation for income qualified sites and government locations.

3. Site Hosts are billed for electricity consumed by the charging ports at the appropriate tariff rate. Site Hosts have the choice of providing charging as a free amenity to visitors, or charging a per kWh fee equal to Tampa Electric’s General Service rate, plus any applicable network or transaction fees.

4. On April 21, 2021, the Commission entered Order No. PSC-2021-0144-PAA-EI (“April 21<sup>st</sup> Order”) in the above-captioned docket. The April 21<sup>st</sup> Order approved the Pilot for a four-year term and capped the company’s capital investment in the program at \$2 million for the life of the program.

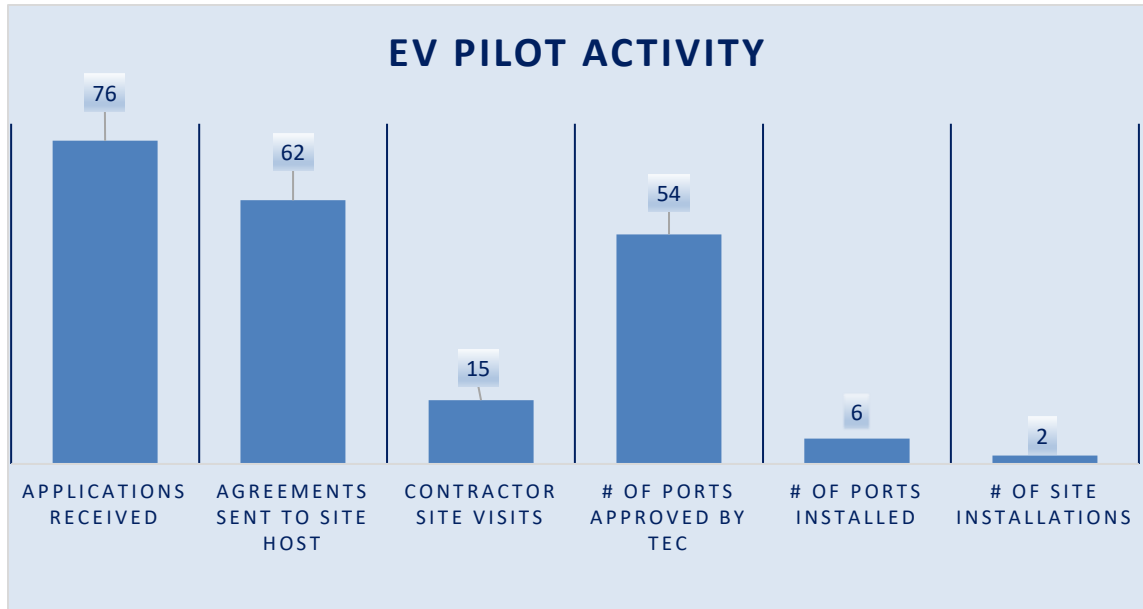
5. On May 18, 2021, the Commission entered Order No. PSC-2021-0175-CO-EI, which made the April 21<sup>st</sup> Order final and effective.

6. Pursuant to the April 21<sup>st</sup> Order, Tampa Electric is required to submit annual reports regarding the status of the Pilot containing “[c]omprehensive data for each market segment, including but not limited to the number of charging sessions, time of use, charger utilization by geographic location, costs to EV drivers, installation costs, load profiles, ongoing O&M expense, and Site Host or driver feedback.” Tampa Electric accordingly provides this First Annual Report.

## **II. FIRST ANNUAL REPORT**

7. Tampa Electric completed the first Pilot installation on March 31, 2022. **Exhibit A** to this First Annual Report shows two of the charging ports installed as part of the first Pilot installation at a university parking garage. **Exhibit B** includes images that represent the design elements of a typical installation under the Pilot.

8. The following table sets out the key data points for the Pilot through April 30, 2022.



9. Since the company has only completed two site installations at this time, the company does not yet have the comprehensive data enumerated in the April 21<sup>st</sup> Order approving the Pilot. Although comprehensive EV charging data is not yet available, Tampa Electric can provide valuable lessons learned thus far during the early deployment phase of the Pilot.

10. **Contractor On-Boarding.** While Tampa Electric currently has the required contractor and sub-contractors fully on-boarded for the deployment, there were challenges in reaching the current state. First, Tampa Electric’s process for evaluating and approving sites for participation requires an on-site competitive bid process to ensure both Tampa Electric and the prospective Site Host are receiving competitive pricing for the EV charger installation. Before work can be awarded, the Site Host must first agree to any associated costs and execute the necessary participation agreement. As such, work is not guaranteed for the bidding contractors. Second, in alignment with Tampa Electric’s ongoing focus on maintaining a strong safety culture, high minimum standards are required for all contractors performing work on the company’s behalf. This includes utilization of a third-party to continuously monitor compliance and any required

documentation. The required bid process, the company's safety standards, and the current status of the labor market because of the COVID 19 pandemic, made it difficult to attract a larger pool of contractors to support a more competitive environment.

11. **Customer Engagement.** Several Tampa Electric business units are engaged in the process of informing potential site hosts about the program and helping them to navigate through the process of hosting EV charging equipment at their location. Those business units include corporate communications, commercial and industrial account teams, external affairs for government accounts, and new construction. The primary lesson learned from the customer engagements to date is the extended length of time required to move potential Site Hosts through the full cycle of introducing them to the program, completing the competitive bidding process for installation, executing the participation agreement, and ultimately installing EV chargers.

12. **Pilot Participant Recruitment.** While the participant on-boarding process can be lengthy, the primary point where potential site hosts may exit the process is when they are presented with their portion of the installation cost. As is the case currently with many products and services, material and labor costs associated with electrical work have increased significantly since Tampa Electric filed its petition in September 2020. Through information gathered from site visits completed to date, Tampa Electric estimates total costs for equipment installation will average approximately \$9,000 per port. Most potential Site Hosts have little or no experience with EV charging and therefore may be unprepared to absorb the associated costs, even after Tampa Electric's contribution of \$5,000 per port. Site Hosts who have previous experience with offering EV charging, on the other hand, seem to recognize the generous contribution made available through the Pilot. To help increase the overall pool of potential participants, customer outreach

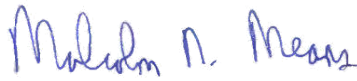
efforts have been increased through the same business units previously mentioned in Section 11, and new Site Host applications continue to be submitted.

13. Although qualified contractor availability remains limited, and installation costs present an obstacle for participant recruitment, Tampa Electric continues working with interested customers in each of the identified market segment to achieve the goals set forth in the Pilot.

14. Tampa Electric will collect the information required for annual reports in this docket and will provide its next annual report by May 18, 2023.

DATED this 18<sup>th</sup> day of May, 2022.

Respectfully submitted,



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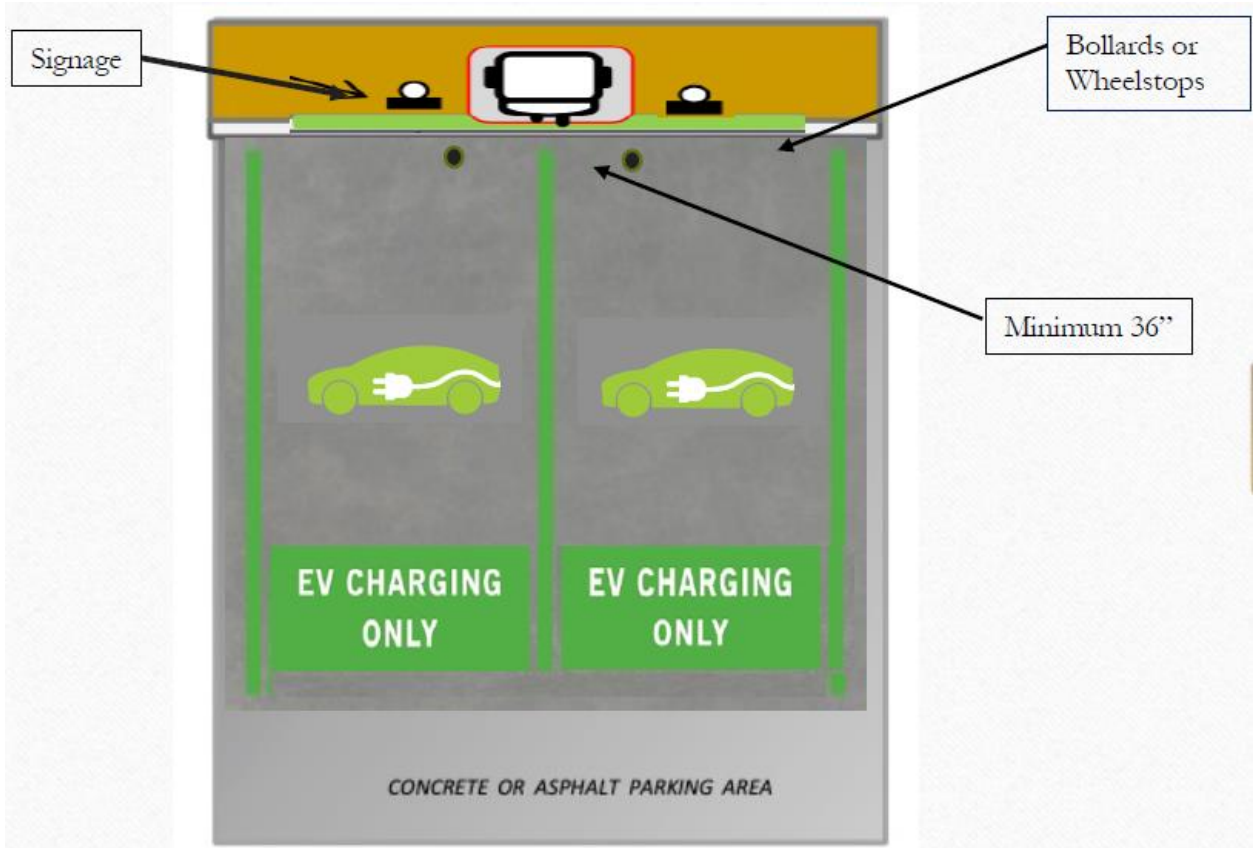
## Exhibit A

### First Pilot Installation – University Parking Garage



## Exhibit B

### Typical Pilot Installation Design Elements








- Ready
- Charging
- Service

Have a Key Fob? Tap it on RFID Reader.

No Key Fob? Follow these instructions:

1. Download and open the free ChargeUP Driver App  on your iOS or Android Device
2. Plug the connector into your car
3. Select the Charge Icon on the App and scan the QR code
4. Press Pricing Option under Start Confirmation, to start charging



**For assistance, call: 833-789-1400**

Vendor to  
place QR  
code here

# Electric Vehicle CHARGING ONLY



VIOLATORS WILL BE TICKETED  
OR TOWED AT OWNERS EXPENSE

FLORIDA STATUTE  
366.94 (3) (A) (B)



**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Status Report, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 18th day of May 2022 to the following:

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