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COMMISSION
CLERK

Public Service Commission

October 12, 2011

Lawrence M. Strawn
Orlando Utilities Commission
100 West Anderson Street
Orlando, FL 32801

STAFF'S FIRST DATA REQUEST

Re: Docket No. 110279-EM - Request for new electric vehicle charging station by Orlando Utilities Commission.

Dear Mr. Strawn:

By this letter, the Commission staff requests that ORLANDO UTILITIES COMMISSION (OUC or utility) provide responses to the following data requests.

1. In detail, please discuss the matching grant from the U.S. Department of Energy (DOE) that was awarded to Orlando Utility Commission (OUC) to cover the material costs of its Electric Vehicle (EV) Charging Stations.
2. Please discuss costs, if any, whether explicitly or implicitly stated, not covered through the DOE matching grant, to be borne by OUC's general body of ratepayers?
3. What vendor(s) will OUC use to offer its EV Charging Stations?
4. Please provide a copy of any brochures, pamphlets, flyers, or marketing materials which can provide details on the specific product(s) OUC plans to use for its EV Charging Stations.
5. Has OUC already determined the location(s) for the EV Charging Stations? If yes, please discuss.
6. Please discuss the ChargePoint services and how customers subscribe.
7. Please provide a discussion on how OUC's EV Charging Stations will be mounted (ground pole, or wall)?
8. How many vehicles can be charged per station at one time using the EV Charging Stations?

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9. Please provide a discussion on the capacity of the EV Charging Stations to charge all types of plug in vehicles such as Battery EV's and plug in hybrids.
10. Please provide a discussion on the projected impact the EV Charging Stations will have on OUC's load.
11. Will OUC's EV Charging Stations be equipped with communication technologies for integrating and monitoring electric vehicles' effect on the grid? Please discuss.
12. Please provide a discussion as to whether the EV Charging Stations will be owned, operated, and maintained by OUC, or through a third party vendor.
13. What activities will be required to maintain the EV charging stations?
14. Please provide a discussion on the average time required to charge a vehicle to full capacity at the EV Charging Stations.
15. Are there any time restrictions on vehicles utilizing the EV Charging Stations?
16. What method(s) are OUC using to educate the consumers of the EV Charging Stations, including safety, usage behavior, etc.?
17. Please provide a discussion detailing the type of safety device(s) (i.e. Connection Interlock, Charge Circuit Interrupt Device, Automatic Deenergization Device, or Ventilation Interlock) to be used at OUC's EV Charging Stations.
18. What types of chargers are planned on being installed at the charging stations? Explain if customer will have the ability to choose between different types of charging options, for example an option for a quick charge?
19. Please describe how the customer will interact with the charging station from the time they pull up to the charger until the time they leave the charger.
20. Will any of the installations be on utility property for the charging of vehicles in the utility's fleet?
21. Explain if customers be able to program the station to charge during off-peak hours or to delay the charging start time?
22. Please explain if the utility will have the ability to use the car's battery as grid storage?
 - a.) If so, how will customers be notified of the utilities intention to discharge the battery?
 - b.) How would the customer be compensated for the energy transferred from their battery?
23. Will there be a charge for parking at the charging stations?

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24. Will the utility have any costs, such as rent, for the locations it plans to use for the charging stations?
25. How will vehicles be moved to allow for new customers at the station?
26. How many requests for electric charging stations have been received from customers?
27. Explain why customers are charged a fixed rate and not a per/kWh rate?
28. Does the cost to install the 185 charging stations, shown on Table 1, reflect the DOE grant? If not, what exactly does the grant cover?
29. If customers wish to charge their EV at home, under what rate schedule would service be provided?
30. Explain whether OCU will propose an EV charging tariff for other locations such as homes, business, or commercial buildings? If not, explain why not.

Please file the original and five copies of the requested information by October 26, 2011, with Ms. Ann Cole, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6187 if you have any questions.

Sincerely,



Martha C. Brown
Senior Attorney
Office of the General Counsel

MCB/sh

cc: Office of Commission Clerk
Division of Economic Regulations (Roberts, Clemence)