

April Groover Combs

Workshop on Electric Vehicles

September 19, 2019



Functions & Responsibilities

- Legislatively designated state energy policy development office within Florida
- Evaluate energy related studies, analyses, and stakeholder input
- Promote and advocate for the development and use of renewable energy resources and energy efficiency technologies
- Use available state and federal funds to develop and manage energy efficiency, renewable energy, and energy education programs
- Produce an Annual Energy Report
- Serve on the Florida Building Commission
- Serve as the State clearinghouse for all energy information



Areas of Focus



Energy Efficiency



Renewable Energy



Transportation



Education



Drive Electric Orlando



- Used a \$400,000 award from the U.S. DOE Clean Cities to work with the Electrification Coalition and the Central Florida Clean Cities Coalition to promote Drive Electric Orlando.
- Drive Electric Orlando offers:
 - An option to rent an electric vehicle in Orlando, Florida
 - Incentives for renting an electric vehicle include:
 - free valet parking,
 - preferred parking spots,
 - ample charging stations,
 - free three-month membership to CLEARLane Access which allows travelers to skip the identification check point at the airport and head straight to the physical screening



Drive Electric Orlando



- Program partners include:



- For more information visit <http://pluginperks.com/plug-in-perks/>.



EV Roadmap Goals

- Identify EV charging infrastructure impacts on the electric grid.
- Identify solutions for any negative impacts.
- Locate areas that lack EV charging infrastructure.
- Identify best practices for siting EV charging stations.
- Identify technical or regulatory barriers to expansion of EV charging infrastructure.



EV Roadmap Next Steps

- Continue discussions with sister agencies.
- Develop a scope of work and timeline.
- Work with National Energy Labs to perform modeling.
- Draft report.
- Hold stakeholder meetings for feedback and recommendations.



Alternative Fuel Resiliency Plan

- Catalog alternative fuel infrastructure including details on each site;
- Develop best practices regarding resiliency for locating alternative fuel infrastructure;
- Analyze and report on AFVs for emergency response efforts;
- Analyze and report on alternative fuel generators for emergency power sources;



Alternative Fuel Resiliency Plan

- Develop communication protocols for alternative fuel infrastructure status updates;
- Study the supply chain for each fuel source to identify strengths and weaknesses;
- Develop a statewide alternative fuel resiliency plan; and
- Incorporate alternative fuel related missions into the annual statewide hurricane exercise.



2019 Florida Energy and Climate Summit Powering Change

October 1-3, 2019

Grand Hyatt Tampa Bay
Tampa, Florida



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