2017 Florida Public Service Commission Electric Vehicle Roundtable

Orlando Utility Commission

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OUC
The *Reliable* One®

OUC – The *Reliable* One

- Formed in 1923
- Serving Orange and Osceola counties
- Electric, Water, Chilled Water, Lighting Services
- 375,000 total customers
- Second largest municipal utility in Florida
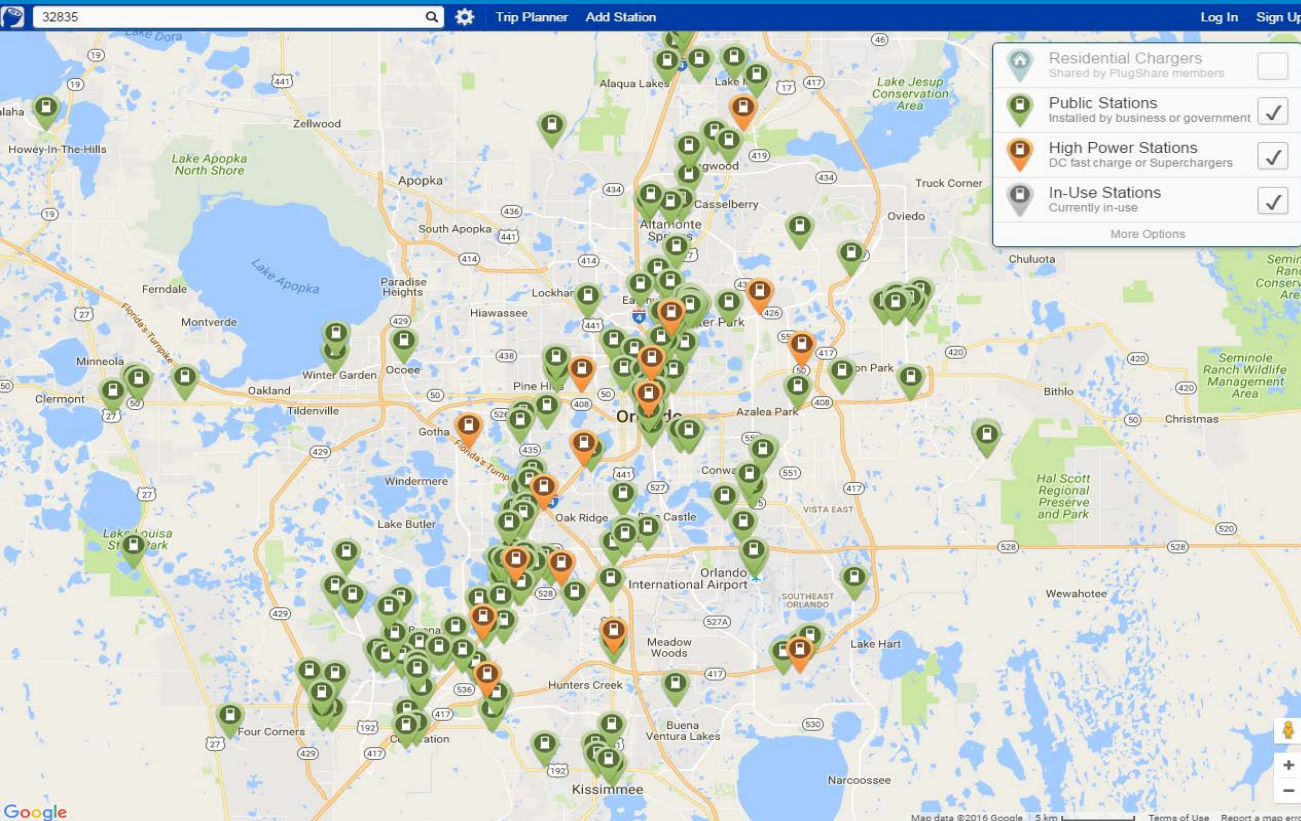- 14th largest in nation
- Generation capacity of 1,946 Megawatts

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OUC Service Territory

OUC Service Territory
- 418-square-mile electric service area

- 200-square-mile water service area

Orlando Area EV Charging Infrastructure

- Over 200 EV charging stations in Greater Orlando area
- OUC installed over 150 public chargers
  - 5 of which are DCQC
- Leveraged ARRA, ChargePoint Grant

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OUC EV Programs and Incentives

- Own It – Charge It: Commercial EV Charging Services, to launch soon
  - Offerings:
    - Level 2 chargers
    - DC Quick Chargers
  - Purchase options:
    - Leasing – OUC owns, operates and maintains equipment
    - Turnkey – OUC procures and installs equipment for customer

- Rebates
  - $200 charging station rebate for businesses and multifamily
  - $200 rebate for customer purchase or lease of a plug-in EV

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Future of OUC EV Charging

- Where and when to charge EV's? Who decides?
  - Home: overnight
  - Work: during the day
  - "Around town" (retail, restaurant, dentist, city parking space, etc): when it's convenient
  - Major travel arteries: when it's needed
  - Destinations (airport, hotel, theme park): when it's convenient

- Need a clear business case for EV charging location owners
  - We could not "give" them away

- Rate designs that incent EV ownership
  - How to incent plug-in's versus hybrids?
  - Time of use rates to drive overnight charging

- The right business model for the Utility?

- Batteries and other technologies are changing the EV landscape

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Questions?

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