RCAP Implementation Workshop: Electric Vehicles

Municipal EV Ordinance Development and Implementation

City of Hollywood

September 19, 2019
EV Ordinance History in Hollywood

- **February 2015**: Commissioner Blattner plants seed with Hollywood’s Green Team.
- **November 2015**: Lorie Mertens-Black presents ordinance to the Green Team.
- **January 2016**: Hollywood Commissioners unanimously pass ordinance on first reading.
- **September 2019**: Environmental Sustainability Coordinator assesses implementation.
Hollywood’s EV Ordinance

§ 151.154 INSTALLATION OF ELECTRIC VEHICLE-CHARGING INFRASTRUCTURE REQUIRED.

The city shall require each person or entity desiring to construct a new commercial or residential structure to construct the infrastructure necessary for future installation of an electric vehicle charging station within be included in such project.

Minimally, the following shall be installed: an empty three-quarter-inch raceway from the branch circuit panel board to a location in the garage or a designated parking area, with a two-gang junction box with a blank plate; or a fully functional electric vehicle-charging station.

(Ord. O-2011-06, passed 2-16-11; Am. Ord. O2016-02, passed 1-20-16)
EV Charging Stations in Hollywood

- City Hall
- Public Garage
- Public Garage
- Public Garage
- Gated Comm.
- Office Bldg.
EV Charging Stations in Hollywood

City Hall
EV Charging Stations in Hollywood

City Hall
EV Charging Stations in Hollywood

City Hall
EV Charging Etiquette

1. Please respect the need for EV and PHEV to plug in, by maintaining availability of this designated space for their use.

2. Users, please be courteous and move charged vehicle to make space available for others in need. Please do not leave vehicle for more than four hours.

3. Please properly hang cord after each use.

4. Place cord safely to avoid a tripping hazard.
EV Charging Stations in Hollywood

EV Charging at City Hall is FREE!

Chargers from Blink provided for free
EV Charging Stations in Hollywood

- City operates 5 Level 2 charging stations
- 9 or more in 2020
  
  *(New public garage with 4 charge ports coming soon!)*
- $0.39/kWh at 3 public garages
- Average cost to Blink Members = $2.40/hr for
  - Non-members = $3.60
- 30 miles of charge/hr
EV Charging Stations in Hollywood

- 5,606 EV’s registered in Broward County as of June 30, 2019
- 47,533 EV’s registered in Florida

<table>
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<th></th>
<th>Total kWh</th>
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<td>2016</td>
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<td>2019</td>
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EV Charging Infrastructure in Hollywood

Hillcrest housing development
- 645 units

The Preserve Development approved before ordinance
- 117 units – voluntary
EV Charging Infrastructure in Hollywood

- 10 units on Ocean Drive
- Single family home
- Small apartment building
EV Charging Infrastructure in Hollywood

22 approved projects in process since 2016
EV Charging Stations in Hollywood
Thank You

Elaine Franklin
Environmental Sustainability Coordinator
efranklin@hollywoodfl.org
954-921-3471 x3