

PROTECT OUR COAST: DRIVE ELECTRIC

AN INITIATIVE OF  ELECTRIFY THE SOUTH

POLICIES FOR LOCAL GOVERNMENTS TO ACCELERATE ELECTRIC VEHICLES

Local governments are transitioning to electric transportation to:

- Keep pace with technology**- by 2040 nearly 60% of new passenger vehicle sales will be electric
- Achieve lower fuel and maintenance costs**- [New York City says electric cars are now the cheapest option for its fleet](#)
- Reduce emissions**- the transportation sector is now the [largest source](#) of carbon dioxide (CO₂) pollution in the United States
- Improve public health**- EVs have no tailpipes and produce zero ground level emissions that are harmful to human health
- Project positive community image**- Floridians overwhelmingly support clean energy initiatives and have a positive view of electric vehicles (EVs)

What are the top four things local governments can do to support the shift to electric transportation?

1. Establish fleet goals
2. Adopt policies to increase infrastructure (EV-ready policy)
3. Develop education and outreach programs
4. Provide public charging stations on public property

1. Establish fleet goals

Municipalities in Florida with EVs in their fleet:

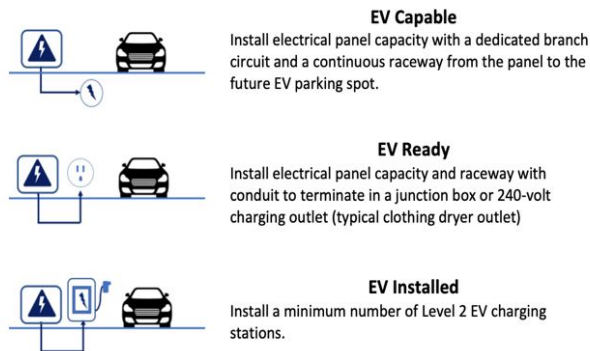
- Light-duty Fleet: Broward County, Cape Canaveral, Coral Gables, Dunedin, Gainesville, Largo, Leon County, Miami-Dade County Miramar, Orange County, Orlando, Sarasota, Sarasota County, Sunrise, Tallahassee, West Palm Beach, and Winter Park
- Transit Authorities: Broward, Gainesville, HART (Hillsborough), Jacksonville, LYNX (Orange, Osceola, Seminole) Miami-Dade, Palm Tran, Pinellas Suncoast, StarMetro (Tallahassee), and USF (University of South Florida)

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2. Adopt policies to increase EV infrastructure (EV-ready policy)

An EV-ready policy requires a percentage of parking spaces built to include electrical infrastructure that enables future EV charging



Why Implement EV-Readiness Policies?

- Pre-construction costs to make parking EV-ready are consistently lower than updating post-construction
- As a percentage of total new construction costs, costs are typically very low – an estimated 0.13%-0.17% of project costs in one study of multi-family and commercial projects
- Post-construction can be 4X higher

Municipalities that have implemented or are pursuing EV-ready policies:

Orange County, Orlando, Winter Park, St Petersburg, Boca Raton, Coral Gables, Miami-Dade County, Hollywood, FL, Surfside

3. Develop education and outreach programs

- Host Ride and Drive events
- Post information on the municipality's website about EVs and charging
- Wrap municipal vehicles

4. Provide public charging stations on public property

Municipalities in Florida with charging on public property:

- [Coral Gables, FL](#)
- [Fort Lauderdale, FL](#)
- [Miami Beach, FL](#)
- [North Florida Transportation Planning Organization](#)

For a comprehensive suite of policy actions that can be taken by local governments please visit:

<https://www.electrifythesouth.org/toolkit>. The EV toolkit is a catalog of local policies that can be enacted to facilitate the transition to electric vehicles in an effective, sustainable, and equitable way. These specific recommendations are based on effective EV policies from around the country with links to real-world examples.

For questions regarding the Toolkit please contact Dory Larsen, EV Program Coordinator with the Southern Alliance for Clean Energy at dory@cleanenergy.org