



Presented by
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Electrification

SE Florida
CLEAN CITIES

2/27/2023

Drive Electric Florida

- ▶ Mission: Support and accelerate the adoption of plug-in electric vehicles in Florida by engaging and educating the public, businesses, and policy-makers; facilitating collaboration; and supporting EV-friendly policy and programs.
- ▶ Three Key Goals:
 - ▶ Encourage incentive and policy development in Florida that promotes electric vehicle adoption and/or removes barriers to adoption.
 - ▶ Educate key stakeholders about plug-in vehicle priorities.
 - ▶ Maintain a well-running and fluid stakeholder group that best represents membership priorities and fosters collaboration.

Alliance for Transportation Electrification

- ▶ Non-profit trade association established in 2018 dedicated to helping make the transition to electric vehicles a good experience for drivers
- ▶ Our focus is state public service commissions and we are active in over 25 proceedings across the country
- ▶ We engage with policymakers to remove barriers to EV adoption and to encourage the acceleration of EV infrastructure deployment with a particular emphasis on open standards and interoperability, EV market development, interconnection and rate design.
- ▶ We currently have over 60 members that include many electric utilities, auto and bus manufacturers, EV charging and service providers (EVSPs), and related trade associations and non-profit organizations.

Drive Electric Florida



**Operates via a Board and three
Subject Area Committees:**

Policy

Infrastructure

Education and Outreach



Policy Committee Activities

Worked with FDOT on EVMP

Appeared before Multiple
Legislative Committees

Commented on Bills

Sponsored EV Day at the Capitol
(coming up March 27)

Developed a Set of Legislative
Priorities (focus today)

Input on FL Building Codes

Drive Electric Florida



Florida Fun Facts

- ▶ Second in the Nation in EV Registrations
- ▶ 125,000 EVs registered
- ▶ Federal government is investing \$198 million in Florida for EV charging through the IIRA and National Electric Vehicle Infrastructure Initiative (NEVI)
- ▶ Four school districts have gotten grants for electric school buses through EPA
- ▶ Florida has an Electric Vehicle Master Plan to guide the state's efforts

National Fun Facts

- ▶ While overall new car sales were down in 2022 by 8%, EV sales increased by 65% over 2021
- ▶ 5.8% of new car sales were EVs in 2022 overall, but 10% in December
- ▶ Over 100 models are available from light-duty to delivery vans to Class 8 Semis
- ▶ Average price of light-duty EVs sold was about \$61,000, a decrease of about 5% from 2021
- ▶ As prices continue to drop, initial cost price parity is near, but TCO for EVs is clearly lower than ICE vehicles today

Legislative Policy Priorities for 2023

- ▶ Developed by Drive Electric Florida members with consultation with other stakeholders
- ▶ Approved by Board in November 2022
- ▶ Detailed paper on the DEFL Web site:
<https://www.driveelectricflorida.org/wp-content/uploads/2022/11/Drive-Electric-FL-Leg-Priorities-for-2023.pdf>
- ▶ Designed as talking points for legislative visits by members and supporters

Priority 1: State Goals

The Legislature should set EV market goals for the State of Florida, based on the aggressive scenario in the FDOT Electric Vehicle Master Plan.

Priority 2: Underserved Populations

Underserved populations should receive special attention as the State develops EV plans and programs

Priority 3: TE Council

A Transportation Electrification Council should be established to coordinate electrification efforts throughout the State, with FDOT as the lead agency

Priority 4: Disaster Planning

Disaster planning and investment for resilience should be priorities of Florida agencies, utilities and EVSE infrastructure developers

Priority 5: The Utility Role

The utility has an important role to play in assuring that the State can meet its EV goals and ensure beneficial results. The role should include infrastructure investment, planning, marketing education and outreach, and supportive rate design

Priority 6: Managed Charging

Managed charging (off-peak charging encouraged with creative rate design or technology) is essential to gaining beneficial outcomes to increased electrification of the transportation sector

Priority 7: Incentives

Florida should consider providing incentives for vehicle purchases, perhaps focused on underserved populations.

Priority 8: Road User Fees

Road user fees for light-duty EVs should be implemented once EVs reach 5 percent of all vehicles on the road in the State. The fee should be based on average taxes paid by gasoline-powered vehicles

Other Important Issues

- ▶ Local EV procurement policies
- ▶ Streamlining of local zoning and permitting
- ▶ EV Ready or Capable Building codes
- ▶ Interoperability and payment systems requirements
- ▶ The potential role of on-site storage
- ▶ Standards (including networks, weights and measures)
- ▶ Measures to increase vehicle supply in the state
- ▶ Research and development
- ▶ Workforce development
- ▶ Interstate coordination
- ▶ Other barriers to market development?

EV Days at the Capitol

March 27

- ▶ Vehicle Displays
- ▶ Ride and Drives
- ▶ Evening Reception

March 28

- ▶ Morning Briefing
- ▶ Meetings with Members

MORE TO COME



Alliance for
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