

**Florida Public Service
Commission**

October 17, 2017

Peter King, Chair

Mission

Advance the energy, economic and environmental security of the state of Florida by promoting the growth of electric vehicle (EV) ownership and the accompanying infrastructure

Vision

Support and accelerate the adoption of plug-in electric vehicles in Florida by engaging and educating the public, businesses and policy-makers; facilitate collaboration and supporting EV-friendly policy and programs

Diverse Member Organizations

Automakers

Infrastructure providers

Universities

Utilities

Enthusiast groups

Clean Cities Coalitions

Environmental organizations



Drive Electric FL Sample of Activities

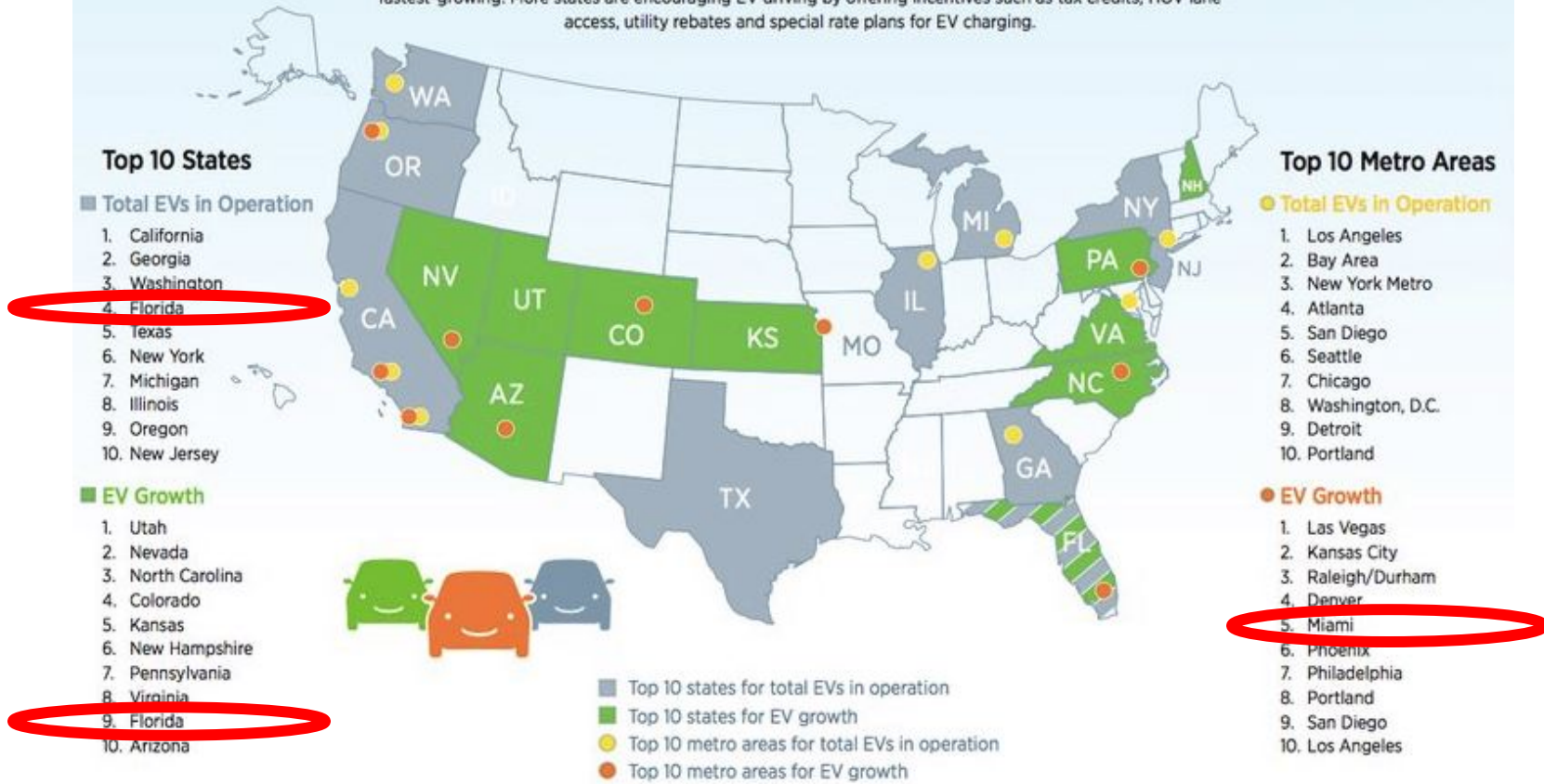
- Served as Florida Ambassador for Dept of Energy Workplace Charging Challenge
- Conducted Ride & Drive event for state capitol in 2014
- Prepared document for guidance of VW Mitigation Trust funds – 15% for EV
- Feb 8, 2017 Conducted Lobby Day for member lobbyists to educate and inform for EV

Electric Vehicles and Florida

There are over 560k EVs in the US, and 3.6% are in Florida

Where Are EVs Taking Off?

While California remains the country's largest EV market in terms of cars on the road, it is no longer the fastest-growing. More states are encouraging EV driving by offering incentives such as tax credits, HOV lane access, utility rebates and special rate plans for EV charging.



Source: ChargePoint

Florida is a top 10 state

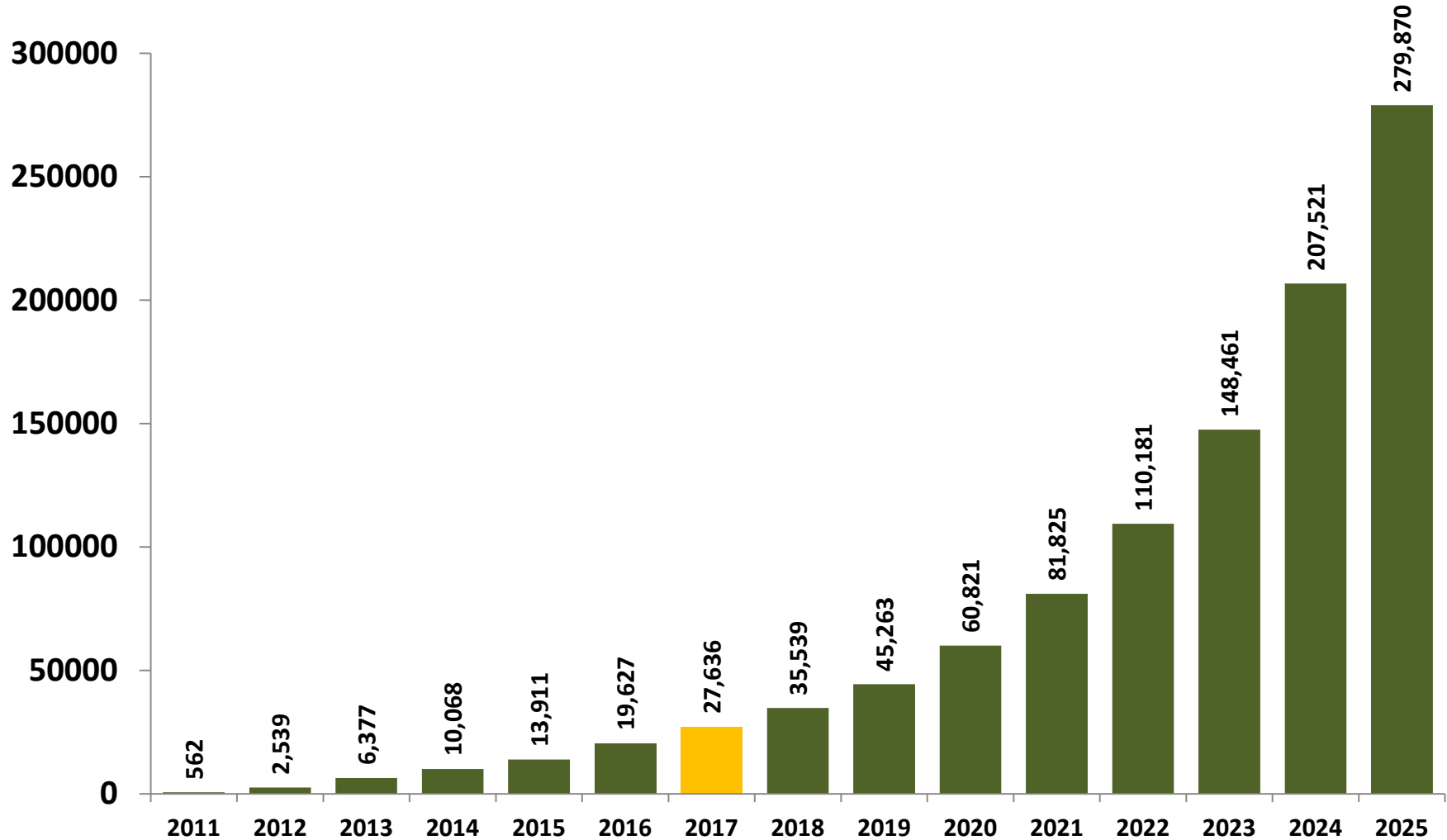
Top 20 States for Plug-In EV Sales (past 2 years)

Plug-in Segment
24 month sales

RANK	STATE	TOTAL	% of TOTAL
1	CALIFORNIA	112,875	52.3%
2	FLORIDA	8,189	3.8%
3	WASHINGTON	8,185	3.8%
4	NEW YORK	7,156	3.3%
5	TEXAS	6,758	3.1%
6	OREGON	4,580	2.1%
7	NEW JERSEY	3,966	1.8%
8	MICHIGAN	3,827	1.8%
9	ILLINOIS	3,825	1.8%
10	COLORADO	3,594	1.7%
11	ARIZONA	3,400	1.6%
12	PENNSYLVANIA	3,337	1.5%
13	MASSACHUSETTS	3,239	1.5%
14	MARYLAND	2,851	1.3%
15	VIRGINIA	2,575	1.2%
16	OHIO	2,264	1.0%
17	NORTH CAROLINA	2,044	0.9%
18	HAWAII	1,969	0.9%
19	CONNECTICUT	1,854	0.9%
20	UTAH	1,329	0.6%
21	NEVADA	1,236	0.6%
26	VERMONT	641	0.3%
29	MAINE	446	0.2%
41	RHODE ISLAND	299	0.1%
Grand Total		215,804	

Florida ranks
#2 in PEV sales
over the past 2
years.

Florida EV Adoption & Forecast



Source: Florida Power & Light

Economic Benefit of EVs in Florida



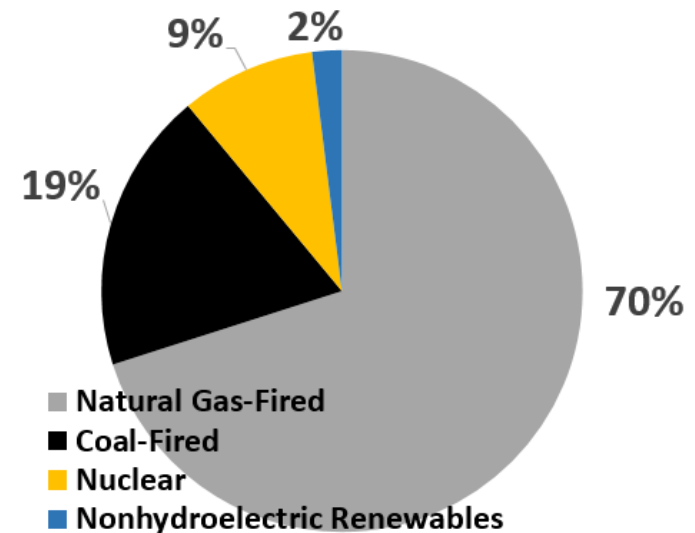
- Every EV purchased contributes over \$1,400 per year to the Florida economy*
- Fuel & Maintenance savings
- Small increase in electricity

Multiplier Effect – Indirect/Induced impacts on economy that occur with savings from EV ownership

Environmental Benefits of EVs in Florida

- Clear the Air

- Low to no tailpipe emissions
- Preserves Florida's environment
- Florida power generation continues to be more clean
 - 81% is generated w/o coal*
 - Renewables growing rapidly



Union of Concerned Scientists

“Nationally, the average EV produces global warming emissions equal to a gasoline vehicle with a 68 MPG fuel economy rating.” UCS
2015

In Summary

DEF is available as resource to address barriers and promote increased EV adoption among all stakeholders in the state of Florida



www.driveelectricflorida.org



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