



EV Everywhere and DOE Priorities

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Oil Dependency is Dominated by On-Road Vehicles



2/3

of total U.S. petroleum usage is for transportation



85%

of transportation petroleum usage is from on-road vehicles



\$1 Billion

the amount spent each day for petroleum



Sustainable TRANSPORTATION

Office of Energy Efficiency and Renewable Energy
U.S. Department of Energy

Sustainable TRANSPORTATION



Hydrogen and Fuel Cells



Vehicles



Bioenergy

Climate Action Plan

“The path towards sustainable energy sources will be long and sometimes difficult. But America cannot resist this transition, we must lead it. We cannot cede to other nations the technology that will power new jobs and new industries, we must claim its promise...”



Official White House Photo by Lawrence Jackson

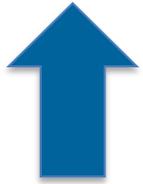
EV Everywhere Grand Challenge



President Obama announced EV Everywhere during a visit to Daimler Trucks in North Carolina, March 2012
(Photo credit: Patrick Davis)

EV Everywhere Goal
Enable the U.S. to be the first in the world to produce plug-in electric vehicles that are as affordable and convenient as today's gasoline-powered vehicles by 2022

DOE R&D Investments in EV Everywhere Technologies



\$2.4B

Recovery Act awards
for electric drive
vehicle technologies



\$330M+

investment
over 2 years

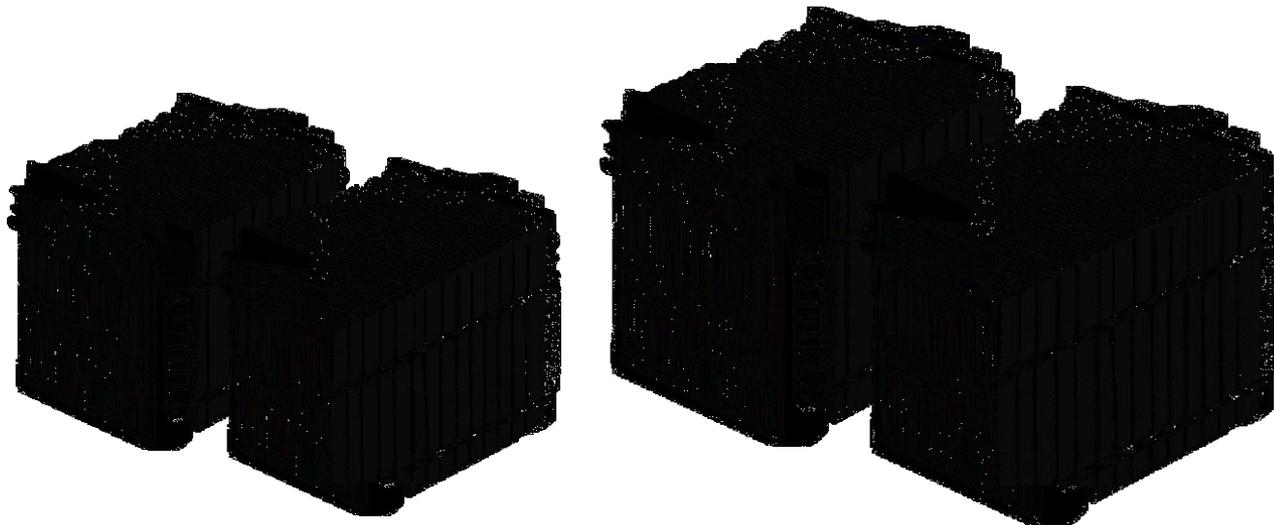


EV Everywhere Progress



50%+

**battery cost reduction
over 4 years**

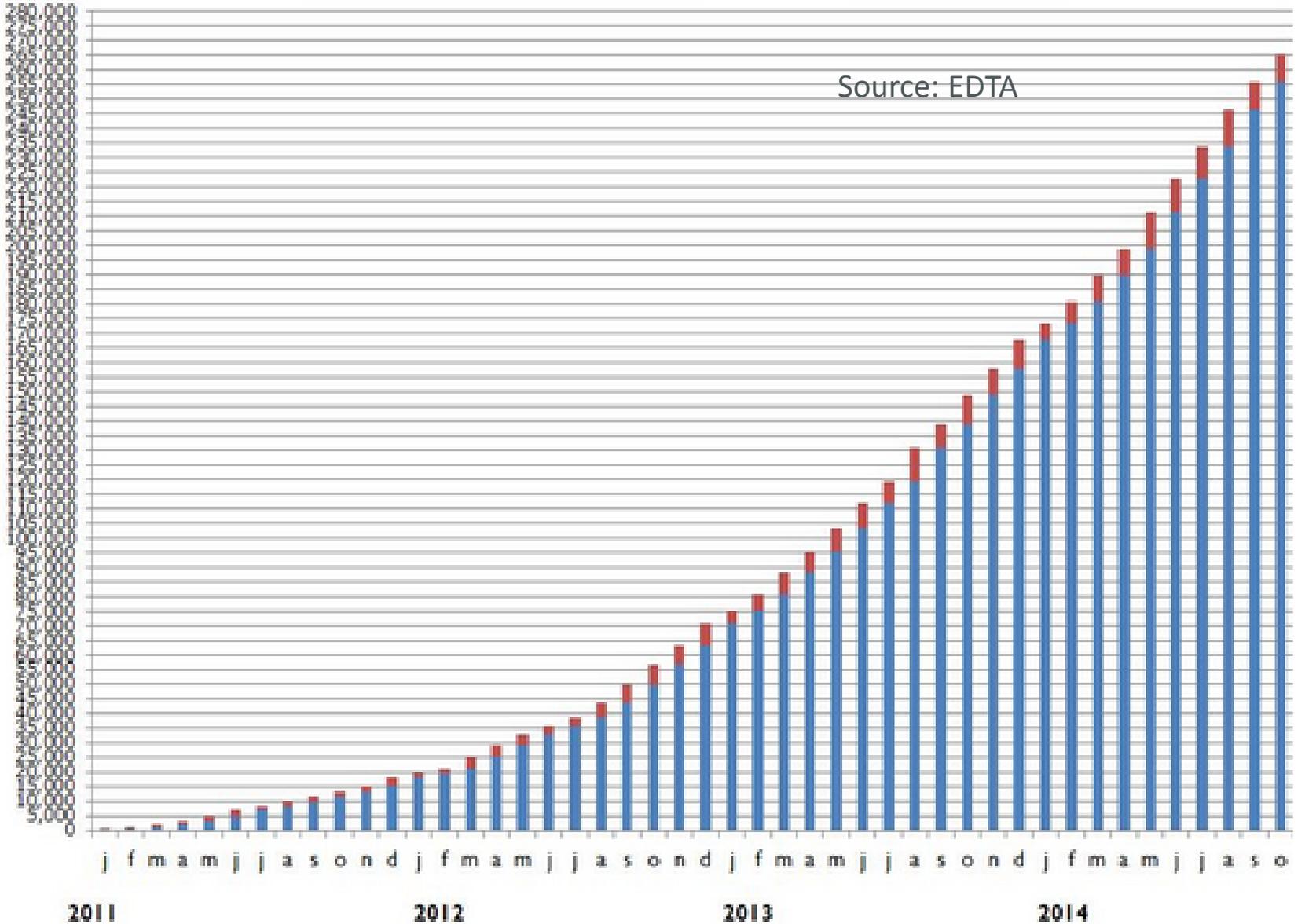


Cumulative U.S. Plug-In Vehicle Sales

■ BEV, PHEV & EREV Since December 2010 ■ New sales that month

Source: EDTA

U.S. Light Duty Vehicle Sales
Millions



eGallon

Find out how much it costs to fuel an electric vehicle in your state

US Average

regular gasoline 3.30

electric eGallon 1.29

ENERGY.GOV

A screenshot of the eGallon website interface. At the top, it says "Find out how much it costs to fuel an electric vehicle in your state". Below that is a dropdown menu set to "US Average". A horizontal line separates this from the cost display. The cost for "regular gasoline" is shown as "3.30" on a flipboard-style display. Another horizontal line separates this from the cost for "electric eGallon", which is shown as "1.29" on a similar flipboard display. In the bottom right corner of the interface, there is a yellow corner graphic and the text "ENERGY.GOV".

energy.gov/egallon

Workplace Charging Challenge

Goal: Increase the number of employers offering charging by 10x by 2018

Partners

- Commit
- Take Action
- Share Progress



Ambassadors

- Promote
- Support

DOE

- Assist
- Connect
- Recognize

150 Workplace Charging Challenge Partners



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As of Nov 13,, 2014



150 Workplace Charging Challenge Partners (continued)

City/County/State

Energy

Higher Education

Health/Pharma

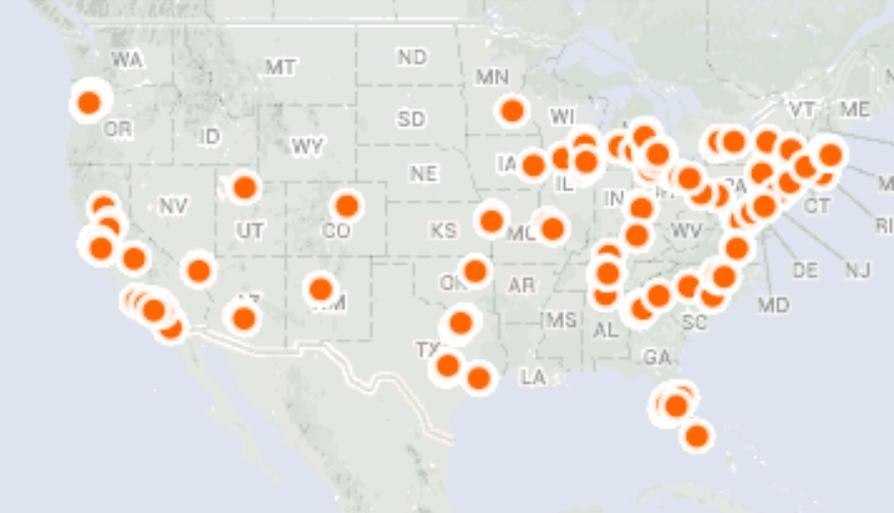
California
Florida
Georgia
Illinois
Michigan
Oregon



As of Nov 13, 2014

Partner Progress

600,000+
employees



300+
worksites

Leading the Charge



Leading the Charge

The Coca-Cola Company



Leading the Charge



Ambassadors promote and support workplace charging





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Learn More: www.electricvehicles.energy.gov