Expanding Commuter Options & Reducing GHG Emissions with Workplace Charging

Goal: Affordable & Convenient Plug-In Electric Vehicles (PEVs)
U.S. PEV Sales Rising

Continued PEV Market Growth

New PEVs Available for Consumer Purchase

<table>
<thead>
<tr>
<th>Year</th>
<th>PEVs Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td></td>
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<tr>
<td>2013</td>
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</tbody>
</table>

80% Percent of PEV owners who plan to buy another PEV in the future
**Workplace = Prime Charging Opportunity**

<table>
<thead>
<tr>
<th>Workplace</th>
<th>Leisure Destination</th>
<th>Shopping Centers</th>
<th>Travel Stops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day in the life of an average car</td>
<td>6.5-8+ hours</td>
<td>47 min-2 hours</td>
<td>28-48 min</td>
</tr>
</tbody>
</table>

**Workplace Charging is Valuable to Employees**

**Current PEV Drivers**
- Increased range confidence
- Increased electric vehicle miles traveled

**Potential PEV Drivers**
- Increased PEV awareness and education
Leading Employers Join Workplace Charging Challenge

Workplace Charging Value Proposition

- Incentivizes Employees
- Signals Corporate Leadership
- Complements Sustainability Efforts
Incentivizes Employees

Our top candidate for the position included workplace charging as a key factor when making his decision about the job offer. We now have a charging station, a new producer, and other employees have decided to purchase EVs too. You can’t put a price on that!

- lynda.com

Complements Sustainability Efforts

Purchasing a plug-in electric vehicle and installing a charging station has expanded our sustainability efforts and allowed us to achieve Gold certification in the City of Portland’s Sustainability at Work program.

- JLA Public Involvement
At Google, we believe that plug-in vehicles are game-changers in the effort to reduce the carbon footprint of transportation, improve air quality, and increase the adoption of intermittent renewable energy sources... We’re delighted to help drive progress in this space, and invite others to join the charge towards more EV infrastructure, cleaner air, and a sustainable future.

- Google

Commitment-based Voluntary Partnership

DOE
Ambassador
Partner

Workplace Charging Challenge
Partner Recognition

Workplace Charging Challenge Partner: Cisco Systems, Inc.

Cisco supports the use of plug-in electric vehicles (PEVs) to reduce the carbon footprint of its operations and reduce its employees’ commuting costs. Cisco has installed publicly available electric vehicle charging stations at 12 of its facilities worldwide, including a Level 1 charging station with plans to double this number by mid-2014.

Past Facts
- Joined the Workplace Charging Challenge: March 13, 2013
- Headquarters: San Jose, CA
- Charging Locations: San Jose, CA Research Triangle Park, NC
- Locations: 12
- Employees: 12,000

National Recognition: The Challenge

Energy Sec. Chu: More Electric Vehicles, Less U.S. Dependence on Foreign Oil

Workplaces offer electric car charging for employees

Could Electric Vehicles Fly Out of Showrooms?

Go Ahead, Ask Your Boss About Workplace EV Charging

Turning Employees On to Conservation

Jump-starting electric vehicle sales with workplace charging stations

The Baltimore Sun

U.S. News

The World Report

New York Times

Human Resource Executive

Clean Technica

Los Angeles Times
National Recognition: Partners

- MetLife Unveils Innovative Electric Car Charging Program for Its Employees at 14 U.S. Campuses
- Auburn Hills Named Partner in Workplace Charging Challenge
- Google, Ford, GE Pledge Workplace EV Stations
- Lynda.com’s New Workplace Perk: Electric Car Charging Station
- Coca-Cola, GE join push for electric vehicle charging stations
- Dominion installs vehicle charging stations on Richmond campus

Workplace Charging Solutions

Procurement & Installation
- Understanding charging station options
- Understanding incentives
- Working with property owners
- Understanding permitting & zoning rules
- Working with electrical contractors
- Achieving ADA compliance
- Identifying optimal signage
Workplace Charging Solutions

Management & Policy
- Monitoring electricity & usage
- Setting an employee pricing system
- Establishing employee fairness
- Working with utilities on demand charges
- Determining management logistics
- Communicating legal liability
- Developing parking etiquette

Workplace Charging Challenge Partner

Program Background  Goals and Progress  Demand Assessment  Management & Policy  Procurement & Installation  Activity or Programs
Is Workplace Charging Right for You

Let's continue the conversation

Learn more about the Workplace Charging Challenge

Build a successful workplace charging program

Let's Continue the Conversation

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Workplace Charging Challenge
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