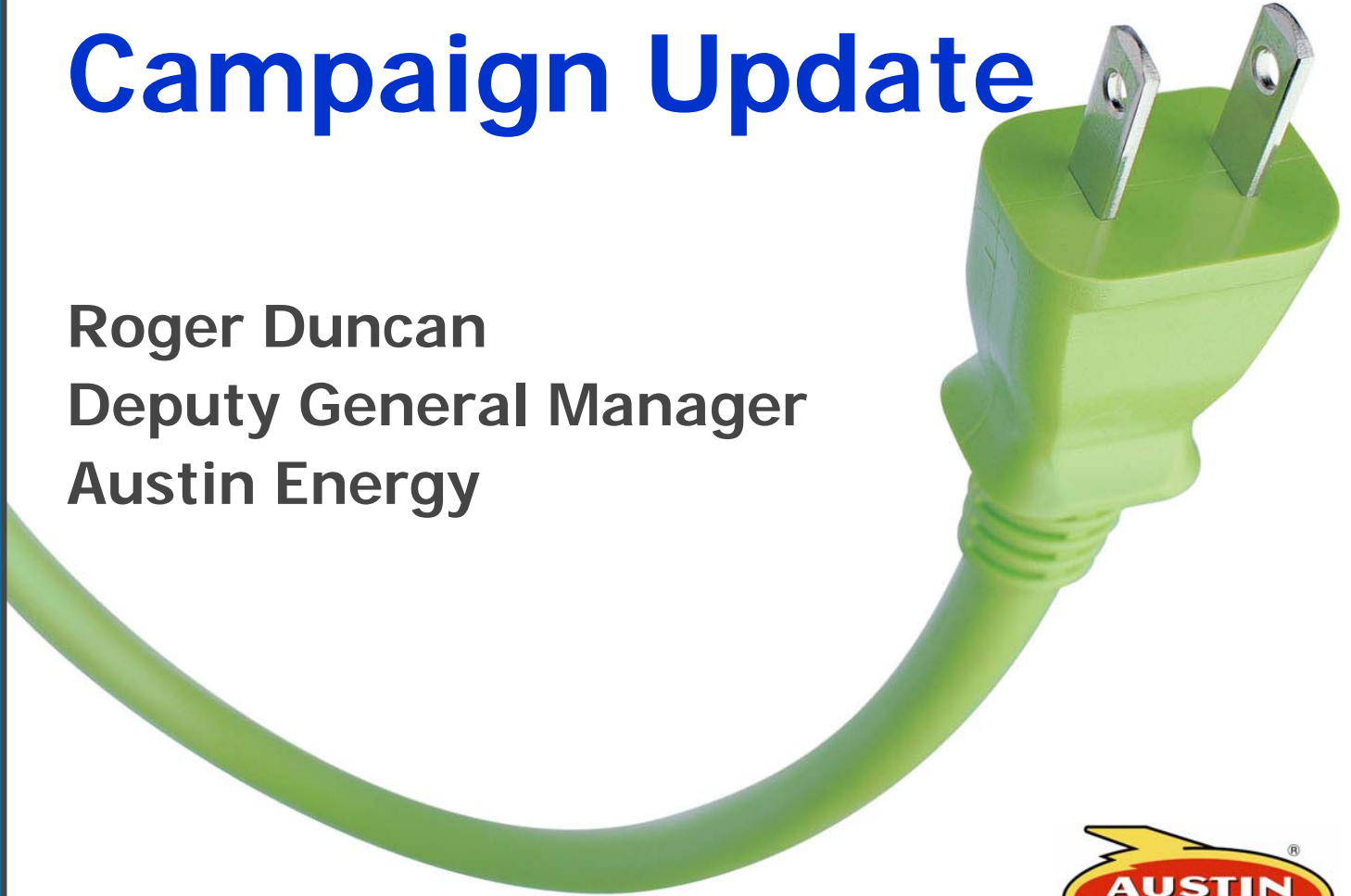


Plug-in Partners Campaign Update

Roger Duncan
Deputy General Manager
Austin Energy





Purpose of the Plug-in Partners Campaign

The overall purpose of this campaign is to convince automakers that a market exists for plug-in hybrid vehicles.

Plug-In Austin

- ❑ **Purpose:** Demonstrate a market for flexible-fuel plug-in hybrid electric vehicles
- ❑ Austin Energy rebates
- ❑ City of Austin and other local government and business fleet orders
- ❑ Petitions and endorsements from businesses, environmentalists, and others



Plug-In Partners Campaign

- ❑ **Purpose:** Demonstrate a national market for flexible-fuel plug-in hybrid electric vehicles
- ❑ **Coalition:** Local and state governments, utilities, national security organizations, agricultural groups, businesses and non-profit organizations
- ❑ **Actions:** “Soft” fleet orders, endorsements, rebates and incentives, petitions and letters
- ❑ **Kickoff:** January 24, 2006
National Press Club
Washington, DC





How to Become a Plug-in Partner

- 1. Pass a Resolution**
- 2. Sign a Letter of Commitment**
- 3. Make a “Soft” Fleet Order**



Ways to Help as a Partner

- 1. Obtain “soft” fleet orders from local government and businesses.**
- 2. Create incentives and rebates**
- 3. Support a Petition Drive**
- 4. Consider recruiting other entities in your region**



A Unique Coalition

“I call this a coalition between the tree-huggers, the do-gooders, the sod-busters, the cheap hawks, and the evangelicals.”

James Woolsey, former CIA Director at January 24,
2006 Plug-In Partners Campaign Kickoff



Campaign Summary



- **Partners:** There are currently over 500 Partners in 41 states.
- **“Soft” Fleet Orders:** 8435 “soft” fleet orders have been received from 199 entities.



CITY PARTNER LIST

- Alameda, CA
- Albuquerque, NM
- Arlington, TX
- Aspen, CO
- Austin, TX
- Baltimore, MD
- Berkeley, CA
- Boston, MA
- Boulder, CO
- Burbank, CA
- Chicago, IL
- Cleveland, OH
- Colorado Springs, CO
- Corpus Christi, TX
- Crested Butte, CO
- Dallas, TX
- Denton, TX
- Denver, CO
- Des Moines, IA
- Edmond, OK
- Fayetteville, AR
- Fort Collins, CO
- Fort Worth, TX
- Gainesville, FL
- Gladstone, OR
- Hamilton, NJ
- Honolulu, HI
- Irvine, CA
- Kansas City, MO
- Keene, NH
- Las Vegas, NV
- Lawrence, KS
- Los Angeles, CA
- Madison, WI
- Medford, MA
- Memphis, TN
- Minneapolis, MN
- Norway, MI
- Oakland, CA
- Philadelphia, PA
- Phoenix, AZ
- Plymouth, WI
- Portland, OR
- Sacramento, CA
- Salt Lake City, UT
- San Antonio, TX
- San Francisco, CA
- Santa Barbara, CA
- Seattle, WA
- Shasta Lake, CA
- Tulare, CA
- Vancouver, ON
- Wadsworth, OH
- Wenatchee, WA



PARTNER LIST

COUNTIES AND LOCAL GOVERNMENTS

- Alamo Area Council of Governments, TX
- Bexar County, TX
- Capital Area Metropolitan Planning Organization, TX
- Capital Metropolitan Transportation Authority, TX
- Department of Administration for the State of North Carolina
- Evangeline Parish, LA
- Fairfax County, VA
- Granville County, NC
- Indian Nation Council of Governments (INCOG)
- King County, WA
- Marin County, CA
- Miami/Dade County
- Mid America Regional Council, KS/MO
- Oklahoma County
- Paramount High School - West





PARTNER LIST

COUNTIES AND LOCAL GOVERNMENTS (*cont.*)

- Port of Chelan County, WA
- Pueblo County, CO
- Sacramento Metro. Air Quality Management District, CA
- Salt Lake County, UT
- Sarasota County, FL
- Shohomish County, WA
- Sonoma County Water Agency, CA
- Travis County, TX
- Travis County Sheriff's Office, TX
- Village of Mount Horeb, WI
- Wenatchee Valley Transportation Council, WA





PARTNER LIST

State/Federal

- California State Controller, CA
- Ohio Local Air Pollution Control Officers Association
- Minnesota Department of Natural Resources
- Missouri Department of Natural Resources
- New York State Energy Research and Development Authority, NY
- South Coast Air Quality Management District, CA
- State of Colorado Governor's Office of Energy Management & Conservation
- State of Missouri Department of Natural Resources, MO
- State of North Carolina Department of Administration
- State of Oklahoma Department of Commerce
- State of Oklahoma Secretary of Environment
- Texas Building and Procurement Commission
- Texas Commission on Enviro. Quality Commissioner Larry Soward
- Texas Department of Transportation, TX
- Texas General Land Office
- Texas State Energy Conservation Office
- Texas Youth Commission
- Travis County, TX
- NY State Energy & Research Development Agency, NY
- Texas Youth Commission





PARTNER LIST

BIOFUEL ORGANIZATIONS

- Alternative Fuel Group, AZ
- American Corn Growers Association, DC
- East Tennessee Clean Fuels Coalition, TN
- Soybean Producers of America, DC

COLLEGES/UNIVERSITIES

- Austin Community College, TX
- Kingsborough Community College, NY
- Stanford University, CA
- University of Texas at Austin, TX

Labor Organizations

- International Brotherhood of Electrical Workers, Local 103
- International Brotherhood of Electrical Workers, Local 68
- Apollo Alliance, WA





PARTNER LIST

NON-PROFIT ORGANIZATIONS

- Advanced Energy, NC
- Advanced Transportation Technology Institute, TN
- American Lung Association of Iowa
- American Lung Association of Minnesota
- American Lung Association, TX
- Americans for Energy Independence, CA
- Apollo Alliance, WA
- Association of Energy Engineers, TX
- Association of Energy Engineers (Local Chapter), TX
- Austin/San Antonio Chapter of the Association of Energy Engineers, TX
- California Electric Transportation Coalition, CA
- Citizens for Rideable Communities, WA
- Colorado Energy Group, CO
- Consumer Federation of America
- Electric Auto Association, CA





PARTNER LIST

NON-PROFIT ORGANIZATIONS (cont.)

- Electric Auto Association of Greater DC
- Electric Auto Association of San Jose, CA
- Energy Industries of Ohio
- Energy, Environment, and Natural Resources of NLC
- Environment Colorado
- Goodwill Industries, TX
- GreenLex.org
- Hidary Foundation and Smart Transportation, NY
- Alliance to Save Energy, DC
- California Cars Initiatives, CA
- IEEE Central Texas Section Consultants Network, TX
- Meals on Wheels and More, TX
- Milwaukee Hybrid Group, WI
- Plug-in America
- Public Technology Institute, DC





PARTNER LIST

NON-PROFIT ORGANIZATIONS (cont.)

- Randolian Acres, TX
- Rosedale Neighborhood Association, TX
- Seattle Electric Vehicle Association, WA
- Sustainable Energy & Economic Dev. Coalition, TX
- Travis County Green Party, TX

Renewable Energy Groups

- American Council on Renewable Energy (ACORE)
- American Wind Energy Association, DC
- NC Solar Center
- Northeast Sustainable Energy Association
- Sun day Campaign, MD
- Texas renewable Energy Industries Association
- Houston Renewable Energy group
- Vote Solar Initiative, CA





PARTNER LIST

NATIONAL / LOCAL ENVIRONMENTAL GROUPS

- Ann Arbor Area Clean Cities Coalition, MI
- Arizona Public Interest Research Group (PIRG), AZ
- Blue Skies Alliance, CA
- Blue Water Network (Division of Friends of the Earth), CA
- Center for Biological Diversity, AZ
- Citizens League for Enviro. Action Now (CLEAN), TX
- Clean Air Coalition, TX
- Clean Air Council, PA
- Clean Air Force of Central Texas, TX
- Colorado Energy Group, CO
- Community Clean Water Institute, CA
- Earth Policy Institute, DC
- Electric Vehicle Association of Greater DC
- Energy Future Coalition, DC
- Environment Colorado, CO
- Environment Michigan, MI
- Environment New Hampshire, NH





PARTNER LIST

NATIONAL / LOCAL ENVIRONMENTAL GROUPS (cont)

- Environment Rhode Island, RI
- Environment Texas, TX
- Environmental and Energy Study Institute (EESI), DC
- Florida Space Coast Clean Cities Coalition, FL
- Galveston-Houston Association for Smog Prevention, TX
- Greater Long Island Clean Cities Coalition, NY
- High Country Citizens' Alliance, CO
- Houston Renewable Energy Group, TX
- Institute for Environmental Research and Education (IERE)
- Maryland Clean Cities
- Mothers for Clean Air, TX
- Oregon Environmental Council, OR
- Plug-in America, CA
- Public Citizen's Texas Office, TX
- Rainforest Action Network, CA
- St. Louis Regional Clean Cities, MO
- Sustainable Dallas, TX





PARTNER LIST

NATIONAL / LOCAL ENVIRONMENTAL GROUPS (cont)

- Texas Enviro. Justice Advocate Services (TEJAS), TX
- Triangle Clean Cities Coalition, NC
- U.S. Public Interest Research Group
- Wisconsin Clean Cities – Southeast Area, WI

NATIONAL SECURITY ORGANIZATIONS

- Set America Free Coalition
- Center for American Progress
- Institute for the Analysis of Global Security





PARTNER LIST

NATIONAL UTILITY ASSOCIATIONS

- American Public Power Association
- Arizona Municipal Power User's Association
- Edison Electric Institute
- Electric Power Research Institute (EPRI), CA
- National Rural Electric Coop Association, VA
- Tennessee Municipal Electric Power Association
- Vermont Public Power Supply Authority
- Washington Public Utility District Association, WA
- Wisconsin Public Power Inc.

INVESTOR-OWNED UTILITIES

- Kansas City Power & Light
- OGE Energy Corporation
- Pacific Gas & Electric
- Southern California Edison
- Veridian Corporation, Canada



University of California at Davis



Prius+



The Dodge Plug-In Hybrid Sprinter



Odyne Plug-in Hybrid Bus





GM's Saturn VUE

- **GM announced at the November 2006 L.A. Auto Show that it will produce a plug-in version of its Saturn VUE.**



GM's Chevy Volt

- Unveiled as a concept car at the January Detroit Auto Show, the Chevy Volt would range 40 all electric miles, then a three cylinder gasoline engine recharges the electric battery.





Ford Airstream

- Unveiled as a concept vehicle at the Detroit Auto Show in January, the Ford Airstream uses a small hydrogen fuel cell to recharge the battery.





Volvo C30

- **The Volvo C30 will be similar to GM's E-flex platform for the Volt and will have a small diesel engine to recharge the battery.**





Views of Other Automakers

In September 2006 Nissan ended an agreement with Toyota to work on hybrids together and instead announced a new line of fuel efficient vehicles which will include a plug-in hybrid vehicle that can be recharged at home. Reported by *Yomiuri Shimbun*.

"We are pursuing a 'plug-in' hybrid vehicle that can travel greater distances without using its gas engine, conserving more oil and slicing smog and greenhouse gases to nearly imperceptible levels," – Jim Press, Toyota July 2006



Legislation

- **Rep. Jay Inslee (*D-WA*)** has introduced a comprehensive PHEV bill.
- **Evan Bayh (*D-IN*) and Eliot Engel (*D-NY*)** introduced the Drive Act S339/HR670, which supports alternative energy and advanced vehicle technology.
- **Orrin Hatch (*R-UT*)**, *has announced that he and Senators Barack Obama (*D-IL*) and Maria Cantwell (*D-WA*) are working together on a PHEV bill.*



Legislative Focus

- **Consumer tax credits.**
- **Demonstration projects.**
- **Manufacturer tax credits.**

Executive Order

Executive Order – In a late January executive order President Bush ordered all agencies to purchase plug-in hybrids when they are “commercially available” at a cost “reasonably comparable” to conventional vehicles.





Who's Supporting PHEVs

- **Minnesota:** First State to pass legislation in support of plug-ins 2006.
- **New York State:** Engaged in a \$10 million State program to convert vehicles in the State fleet to plug-in hybrids.
- **Washington State:** Developing a plan in support of plug-ins and other electrification efforts.



Who's Supporting PHEVs

- **U.S. Conference of Mayors:** At their annual meeting in June, USCM passed a resolution endorsing the Plug-in Partners Campaign and calling on automakers to build plug-in hybrids.
- **AutoNation:** The largest automotive retailer in the nation, CEO Mike Jackson said, "We believe Americans will buy these vehicles, which is why we want to sell them."



Who's Supporting PHEVs

- **Advanced Energy:** A Raleigh, N.C.-based non-profit corporation, organized a buyer's consortium under which 19 plug-in school buses will be built.
- **Odyne Corporation:** Along with the Electric Power Research Institute (EPRI), is developing a plug-in hybrid passenger bus for the Long Island Power Authority (LIPA).

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