



PROFESSIONAL ENGINEERS



IN CALIFORNIA GOVERNMENT

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PECG Joins Broad Coalition to Support Electric Vehicles

SACRAMENTO, Calif. – The Professional Engineers in California Government (PECG) has joined more than 180 local and national organizations and companies to show support for plug-in electric vehicle (EV) policies and infrastructure – demonstrating the groundswell of support in all regions of the country for EV innovation and the types of policies needed to make it successful.

In a joint statement with the coalition, PECG called for strong programs on the national, state and local levels to put more plug-in electric vehicles on the road and create more American jobs, less pollution and greater energy security.

“We have an opportunity here in California and throughout our country to change the way we use energy for our transportation needs that will boost the economy and improve our quality of life,” said PECG President Matt Hanson. “PECG supports policies that will promote clean energy and put more electric vehicles on the road.”

PECG represents thousands of state-employed engineers who design and inspect California’s highways and bridges, as well as those engineers charged with reducing the state’s greenhouse gas emissions and promoting clean energy technologies.

The coalition has laid out recommendations for building a robust national EV program, including the following:

1. **Expand national, regional, and local efforts such as EV charging stations and infrastructure to support electric vehicles in communities.**
2. **Remove unnecessary bureaucratic and market obstacles to vehicle electrification nationwide through a variety of policies that:**
 - Bolster nationwide installation of and access to basic charging infrastructure, both at people’s homes and in public places;
 - Incentivize the purchase of electric vehicles and EV charging equipment and streamline the permitting application process for EV charging equipment;
 - Educate the public about the benefits of EVs and the costs, opportunities, and logistical considerations involved with EV charging infrastructure;

- Ensure appropriate training for workers installing EV charging equipment;
- Encourage utilities to provide attractive rates and programs for EV owners and increase off-peak charging;
- Assist in deployment of clean energy, efficiency, and energy management technologies jointly with vehicle charging; and
- Accelerate advanced battery cost reduction by boosting EV use in fleets, in second use, and in stationary applications.

3. Ensure U.S. leadership in manufacturing of EVs, batteries and components, and creating good American jobs.

The complete statement is enclosed.

ABOUT PECG

PECG represents 13,000 state-employed engineers and related professionals responsible for designing and inspecting California's infrastructure, improving air and water quality, and developing clean energy and green technology.

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Statement of Support for Efforts to Advance Plug-In Electric Vehicles in the US

July 7, 2011

We, the undersigned businesses, municipalities, and public interest groups from across the nation, support a strong national electric vehicle advancement program that will increase American jobs, decrease pollution, and reduce our dependence on oil.

Oil Independence

Gasoline prices are unstable and rising. Electric vehicles enable drivers to fill up on stable, domestic electricity at a cost equivalent to approximately 75 cents per gallon. Our nation sends up to a third of a trillion dollars overseas each year to purchase foreign oil, often produced by countries that are unstable or unfriendly to American interests. Foreign oil purchases are also responsible for about 50% of the US trade deficit. As Americans struggle to cope with rising and volatile gasoline prices, vehicle innovation provides real options. Greater independence from oil means an economically stronger and more secure America.

Job Growth

Strong public and private investment in US electric vehicle, component, and battery manufacturing as well as in EV-related infrastructure has been successful in jumpstarting job growth and transforming the US competitive position in the global advanced battery industry. More than 20 different electric drive vehicles will be on the market within the next three years from virtually every major and several new car manufacturers – with electric vehicles and components being built in at least 20 states. Because battery and electric drive technology is also essential to traditional hybrid cars and trucks, advances made for EVs drive forward the whole advanced vehicle industry. Additionally, people are finding new jobs and creating and expanding businesses that install charging stations and new infrastructure that connect vehicles to the electric grid.

Environmental and Public Health Protection

Today, the transportation sector is a significant cause of both global warming pollution and local smog and asthma related pollutants, and car and truck innovation is critical to pollution reduction. Electric vehicles have little or no tailpipe pollution, and when compared to nearly all conventional vehicles on the road today, they are responsible for lower overall emissions of CO₂ and many harmful pollutants, even when power plant emissions are factored in. Where utilities provide or individuals choose cleaner power options, EVs can be much cleaner immediately, and with responsible policies and technologies to increasingly clean up our electric sector, all EVs become cleaner over time – ultimately becoming true zero emissions vehicles. EVs provide an important opportunity to address local air quality and climate change.

Across the nation –independently and through federal initiatives—municipalities, businesses, and public interest organizations are already committing local resources to capture these benefits in our communities. But working individually, none of our communities can adopt these technologies on the scale necessary to drive the innovation and cost reduction necessary to make the US a leader in this emerging field. We need a robust national program, in conjunction with local and state programs that will:

1. **Expand national, regional, and local efforts** that help attract greater concentrations of electric vehicles in communities across the country. The program should balance assistance to communities ready to test new EV regulatory and business models with nationwide support for cities and states that take serious steps to prepare for EV deployment, including appropriate utility planning and policy.

2. **Remove unnecessary bureaucratic and market obstacles to vehicle electrification nationwide through a variety of policies that:**
 - bolster nationwide installation of and access to basic charging infrastructure, both at people's homes and in public places;
 - incentivize the purchase of electric vehicles and EV charging equipment and streamline the permitting application process for EV charging equipment;
 - educate the public about the benefits of EVs and the costs, opportunities, and logistical considerations involved with EV charging infrastructure;
 - ensure appropriate training for workers installing EV charging equipment and for first responders;
 - encourage utilities to provide attractive rates and programs for EV owners and increase off-peak charging;
 - assist in deployment of clean energy, efficiency, and energy management technologies jointly with vehicle charging; and
 - accelerate advanced battery cost reduction by boosting EV use in fleets, in second use, and in stationary applications.

3. **Ensure US leadership in manufacturing of electric drive vehicles, batteries and components.** Extend support for innovation, commercialization, and manufacture of advanced light and heavy duty electric vehicles and components. Enhance research and development as well as loans and other incentives that leverage and attract private investment in technology development and advanced manufacturing in this sector.

It is critical to act now to capture the energy security, emissions reduction, jobs, and economic leadership benefits of electric vehicles.

Signed by:

National and International

350green
 A123 Systems
 Adopt A Charger
 Aerovironment
 Azure Dynamics
 Beacon Power
 BlueGreen Alliance
 California Cars Initiative
 Climate Solutions
 Clipper Creek
 CODA Automotive
 Coulomb Technologies

ECotality
 Electric Auto Association
 Ener1, Inc.
 Environment America
 EV Communities Alliance
 Free Range Studios
 GridPoint, Inc.
 Helicon Works
 Hybrid Electric Vehicle Technologies, Inc.
 International Union of Electronic, Electrical,
 Salaried, Machine and Furniture Workers -
 Communication Workers of America (IUE-
 CWA)

International Union, United Automobile,
Aerospace & Agricultural Implement Workers of
America
(UAW)
Liberty PlugIns
Momentum Dynamics
National Alternative Fuels Training Consortium
(NAFTC)
National Electric Drag Racing Association
National Wildlife Federation
Novus Energy Partners
Operation Free
Pew Environment Group
Plug In America
SemaConnect
Sierra Club
Solar City
Truman National Security Project
United Natural Foods, Inc.
United Steelworkers
Voltage Electric, Inc.
Voltrek
Zero Motorcycles

Northeast

Arpin Group
West Warwick, RI
Atlantic Energy Concepts
Reading, PA
Baltimore Electric Vehicle Initiative
Baltimore, MD
Bona Fide Green Goods
Concord, NH
Bucks County Renewables
Ottsville, PA
Capital District Clean Cities
Albany, NY
Clean Communities of Central New York
Syracuse, NY
College of the Atlantic
Bar Harbor, ME
Conservation Law Foundation
New England
Control Module Industries
Enfield, CT
ConVerdant Vehicles
Concord, NH

Dawn Solar Systems, Inc.
Brentwood, NH
Eastern Electric Vehicle Club
Valley Forge, PA
Environmental League of Massachusetts
Boston, MA
Environment Maine
Portland, ME
Environment Massachusetts
Boston, MA
EV Association of Greater Washington, DC
Gaithersburg, MD
Fleet Master
Providence, RI
Greater New York and Long Island Electric
Auto Association
Lindenhurst, NY
Greater Washington Region Clean Cities
Washington, DC
Green Alliance
Portsmouth, NH
The Green Commuter
Takoma Park, MD
GreenLine Paper Company, Inc.
York, PA
The Green Store
Belfast, ME
Maine Alliance for Sustainable Transportation
Portland, ME
Massachusetts Clean Cities
Boston, MA
New Jersey Clean Cities
Rockaway, NJ
Newport Solar
Newport, RI
North Haven Clean Energy Task Force
North Haven, CT
PA Electrics
Pittsburgh, PA
Penobscot Solar Design
Penobscot, ME
Physicians for Social Responsibility –Maine
Chapter
Freeport, ME
ReVision Energy
Portland, ME
Rushforth Solar, LLC

Bryn Mawr, PA
Sabetti Contruction
Newport, RI
Seacoast Energy Alternatives
Dover, NH
Sundance Solar Products, Inc.
Hopkinton, NH
T.H. Malloy and Sons Fuels
Cumberland, RI
Three Rivers Electric Vehicle Association
Murrysville, PA
United Church of Christ (Milton, NH)
Milton, NH
University of Maryland's Office of
Sustainability
College Park, MD
Vogelbilt Corporation
West Babylon, NY
Wildlife Alliance of Maine
Bangor, ME
Windy Ridge Corporation
Tamworth, NH

South

Alabama AFL-CIO
Montgomery, AL
Alabama Clean Fuels Coalition
Birmingham, AL
Audubon South Carolina
Harleyville, SC
Central Florida Electric Vehicle Association
Orlando, FL
Citizens for Transportation Reform
Memphis, TN
Clean Cities-Atlanta
Atlanta, GA
Coastal Carolinas Wilmington Electric Auto
Association
Wilmington, NC
Environment North Carolina
Raleigh, NC
Florida Space Coast Clean Cities Coalition
Cocoa, FL
Green Alternatives
Norfolk, VA
Kentucky Clean Fuels Coalition
Louisville, KY

Mesa Landscape Architects
Little Rock, AR
Metro Atlanta PEV Readiness Task Force
Atlanta, GA
Modular EV Power LLC
Pompano Beach, FL
North Carolina Wildlife Federation
Charlotte, NC
South Carolina Businesses for Clean Energy
Columbia, SC
South Carolina Wildlife Federation
Columbia, SC
Southern Alliance for Clean Energy
Knoxville, TN
Tennessee Renewable Energy and Economic
Development Council
Knoxville, TN
TerraScapes Consulting, LLC
Virginia Beach, VA
Texas Conservation Alliance
Tyler, TX
Virginia Clean Cities
Harrisburg, VA
Virginia Conservation Network
Richmond, VA
Virginia Organizing
Charlottesville, VA
ZWHEELZ LLC
San Antonio, TX

Midwest

Carbon Day Automotive
Chicago, IL
Chicago Clean Energy Alliance
Chicago, IL
Chisago County
Center City, MN
Citizens Utility Board
Chicago, IL
Clean Energy Coalition
Ypsilanti, MI
Clean Fuels Ohio
Columbus, OH
Clean Water Action of Michigan
Ann Arbor, MI
CNT Energy
Chicago, IL

Crystal Mountain Resort and Spa
Thompsonville, MI
Detroit Clean Energy Coalition
Detroit, MI
Earth Day Coalition
Cleveland, OH
Ecology Center
Ann Arbor, MI
ElectriCharge Mobility/MTI Inc
Bloomington, MN
Energy Works Michigan
Ann Arbor, MI
Environmental Health Watch
Cleveland, OH
Environmental Law & Policy Center
Chicago, IL
Environment Minnesota
Minneapolis, MN
Fresh Energy
St. Paul, MN
Gateway Electric Vehicle Association
St. Louis, MO
Great Lakes Environmental Law Center
Detroit, MI
Great Lakes Renewable Energy Association
Dimondale, MI
I-GO CarSharing
Chicago, IL
Illinois Science and Technology Coalition
Chicago, IL
Indiana Wildlife Federation
Zionsville, IN
Iowa Wildlife Federation
Des Moines, IA
Izaak Walton League-Johnson County, Iowa
Chapter
Iowa City, IA
Izaak Walton League, Midwest
St. Paul, MN
Lakefront Capital, LLC
Novi, MI
Michigan Environmental Council
Lansing, MI
Michigan State AFL-CIO
Lansing, MI
Minnesota Renewable Energy Society
Minneapolis, MN

Missouri Votes Conservation/MVC Education
Fund
St. Louis, MO
Ohio Environmental Council
Columbus, OH
Renew Missouri
Columbia, MO
Sunventrix
Ann Arbor, MI
Wagner Conservation Coalition
Iowa City, IA

West
Alamo City Electric Auto Association
San Antonio, TX
Alaska Electric Vehicle Association
Anchorage, AK
Baker Electric, Inc.
Escondido, CA
Bay Area Climate Collaborative
San Jose, CA
Calico Energy
Woodinville, WA
Clean Tech LA
Los Angeles, CA
East Bay Clean Cities
Oakland, CA
Electric Auto Association of Northern Nevada
Reno, NV
Electric Car Company
Midvale, UT
Electric Vehicle Association of Southern
California
Diamond Bar, CA
Energy Independence Now
Santa Barbara, CA
Feed-in Tariffs for Nevada (FIT4NV)
Reno, NV
GESS Electric Vehicles
Hayden, ID
Greater Sacramento Electric Auto Association
Rocklin, CA
High Plains Architects
Billings, MT
Home Resource
Missoula, MT
IBEW Local 234

Monterey, CA
IBEW Local 569
San Diego, CA
Independent Power Systems
Bozeman, MT
Montana Environmental Information Center
Helena, MA
New Mexico Electric Vehicle Association
Los Alamos, NM
Oasis Montana, Inc.
Stevensville, MT
Oregon Electric Vehicle Association
Portland, OR
Panhandle Electric Vehicle Association
Hayden, ID
Phoenix Electric Auto Association
Phoenix, AZ
Professional Engineers in California Government
Sacramento, CA
Sacramento Clean Cities
Sacramento, CA
San Jose Electric Auto Association
San Jose, CA
Seattle Electric Vehicle Association
Seattle, WA
Silicon Valley Electric Auto Association
Santa Clara, CA
Silicon Valley Leadership Group
Silicon Valley, CA
Sullivan Solar Power
San Diego, CA
Tehachapi Chapter of the Electric Auto
Association
Tehachapi, CA
Utah Clean Cities
St. George and Salt Lake City, UT
www.eeVeeMotors.com
Silicon Valley, CA