



To: Interested Members of the Media

From: Charge EVERYwhere California

Date: July 24, 2017

Re: EV Charging Companies Support CARB Staff Recommendation to Approve Electrify America's Investment Plan & Urge CARB Board to Approve at its Hearing on July 27

Seven leading electric vehicle (EV) charging companies are calling on the California Air Resources Board (CARB) to approve Electrify America's Supplemented California Zero Emission Vehicle Investment Plan on July 27 to allow for the rapid deployment of EV charging infrastructure within the State.

We endorse Electrify America's Investment Plan and Supplement (the "Final Plan"), and we are encouraged that "CARB staff recommends that the Board approve the Final Plan." We are particularly thrilled to support their efforts to deploy projects in disadvantaged communities. Our coalition is prepared to deploy EV charging infrastructure as soon as CARB approves the Final Plan, which will maintain California's leadership on clean energy technologies and help it to reach its ambitious climate and energy goals, create jobs, and reduce harmful pollution, especially in disadvantaged communities.

In addition to CARB staff, the support for immediate approval is broad and deep. The California Air Resource Board's public comment period on Electrify America's supplemented Final Plan closed last Friday and, of the sixty-six respondents, an overwhelming majority of them urged CARB to approve the modified plan. Respondents were as notable for their geographic diversity – from Sacramento to the Central Valley to Los Angeles – as for their organizational variety – Carson High School submitted a letter of support, as did the Union of Concerned Scientists, several prominent local government officials, and dozens of other stakeholders. Those statements of support were strikingly consistent in their full-throated endorsement of the supplemented Investment Plan (see Appendix 1).

We hope the CARB Board recognizes that it should act with urgency to approve the Final Plan when it hosts its hearing on July 27th to make a final determination. The rest of the country is moving forward. The federal Environmental Protection Agency (EPA) has already approved Electrify America's national investment plan, and Electrify America has begun deploying projects in Maryland, Virginia and the District of Columbia. Continued delays will put California at risk of falling behind.

Further delay in approving Electrify America's Final Plan will introduce market uncertainty in California, which will jeopardize the goal of deploying 1.5 million ZEVs in the state before 2025

and CARB's goal of 4 million ZEVs before 2030. Although the State is a leader in both EV manufacturing and deployment, California has struggled with an infrastructure deficit that has slowed adoption of zero-emission electric vehicles. Our coalition's global experience has shown that a high ratio of infrastructure-to-vehicles leads to a much higher adoption of EVs. For instance, in the Netherlands, which has the second highest per capita EV adoption in the world, there is a ratio of 1 charger for every 4 vehicles. In California, it is 1 to 17. Approving the plan quickly will ensure California remains a global leader on electric transportation.

CARB's decision comes at a crucial time for the EV industry because there is an enormous opportunity to scale EV adoption. Automakers have introduced vehicles with greater range at lower costs. Yet, while the majority of today's vehicles require 30 minutes to reach a near-full charge on the dominant public fast chargers in the field (50kW), long-range EVs will require 60 to 90 minutes. Without the investment called for in the Final Plan, drivers will spend more time on the chargers already installed and congestion will ensue, which may deter customers from purchasing an EV. It is critical to increase charging speeds to High-Power, as proposed in the Cycle 1 Plan, in order to reduce charge times and relieve congestion.

Finally, if CARB delays approval any longer, there is risk that the plan may go back to courts which will very likely cause even more substantial delays. California does not have that luxury because the total time to install both Level-2 and DC Fast Charging infrastructure from start to fully operational status typically ranges from multiple months to quarters.

As soon as CARB approves Electrify America's Final Plan, which will unlock the initial \$200 million of capital, companies in our coalition are prepared to move forward with new EV charging projects that will create more high quality California jobs, greater access to EV charging infrastructure, and a necessary catalyst for inspiring consumers to purchase electric vehicles. Those results will benefit California's workers, economy, and the environment.

We stand in unison with CARB staff and other Californians who have expressed their support for Electrify America's Final Plan. We urge the CARB Board to move forward with approval on July 27th.

Charge EVerywhere is a group of seven EV supply equipment companies who voiced their support for EA's supplemented investment plan and who represent the spectrum of the EV charging industry, including EV Supply Equipment (EVSE) manufacturers, management services, installers, and technology providers. Our members include the supplier of the largest public fast-charging network in California, leading "smart" networked EV system manufacturers in the North American market, and the leading EV charging ecosystem management services provider.

Appendix I – Sample Supportive Quotes

California Electric Transportation Coalition

“CalETC supports expeditious approval of VW’s California ZEV Investment Plan for cycle 1 to ensure that these actions are undertaken swiftly, and that the benefits begin to be realized before VW’s cycle 2 investment-plan proposal. As Electrify America is investing in other states and is already 6 months into the first quarter without any investment in California, we implore the CARB Board to act without further delay.” *Eileen Wenger Tutt, Executive Director*

City of Sacramento

“Sacramento has the capacity to fully utilize this investment and has been working with our regional partners, including the Sacramento Municipal Utility District, the Sacramento Area Council of Governments, the Sacramento Metropolitan Air Quality Management District, Regional Transit, and the County of Sacramento, to ensure that we are prepared to support the successful and expeditious implementation of Electrify America’s investments in the region.”
Darrell Steinberg, Mayor

San Joaquin Valley Air Pollution Control District

“Despite the momentum of EV adoption, large investments in EV infrastructure are greatly needed to sustain the proliferation of EV adoption and to meet the Governor's target of 1.5 million EVs on California's roadways by 2025. . . This continues to be a highly valuable opportunity to leverage local and regional funding in collaboration with VW's investments.”
Todd DeYoung

Union of Concerned Scientists

“The Union of Concerned Scientists thanks the board and Electrify America for moving quickly to propose and amend the ZEV Investment Plan for the first installment of funds. While it is important to ensure the investments are made with significant oversight from the Board, it is also critical to invest without delay in infrastructure, education, and awareness efforts to accelerate the market for ZEVs.” *David Reichmuth, Senior Engineer*

City of Los Angeles

“I encourage Electrify America and the Air Resources Board to meet with regional stakeholders to learn more about how the foundation Los Angeles has built will ensure the swift and effective ZEV deployment with this plan and future investments. I urge your support of the plan and ask that the Board ensure that these early investments in Los Angeles are part of a larger, long-term strategy for transportation electrification in the region.” *Eric Garcetti, Mayor*

Los Angeles County Economic Development Corporation

“The LAEDC strongly supports Electrify America 2.0L California ZEV Investment Plan, and I urge you to move forward with the plan, which is on a tight timetable since the settlement has already been approved in court.” *David Flaks, President and COO*

General Motors

“GM views the proposed Electrify America investments in charging infrastructure as a valuable opportunity to advance the overall EV industry and accelerate market growth.” *Britta Gross, Director of Advanced Vehicle Commercialization Policy*

Charge Bliss, Inc.

“We therefore urge the Air Resources Board to expedite the process for Electrify America to begin their contribution to critical EV infrastructure for disadvantaged communities such as Carson, California..” *David Bliss, CEO*

American Lung Association in California, Central California Asthma Collaborative & Medical Advocates for Healthy Air, Coalition for Clean Air, Environment California, Natural Resources Defense Council, Sierra Club, The Center for Energy Efficiency and Renewable Technologies, The Greenling Institute, Union of Concerned Scientists, Valley Latino Environmental Advancement Project (LEAP)

“We ask ARB to act expeditiously to approve the modified Cycle One California ZEV Investment Plan so that Californians can reap the benefits of the proposed package of investments as soon as possible.” *Bonnie Holmes-Gen, Kevin Hamilton, Bill Magavern, Michelle Kinman, Max Baumhefner, Kathryn Phillips, John Shears, Alvaro Sanchez, Davidd Reichmuth, Ray León*

ABM Electrical Solutions

“ABM, as one of California’s largest employers with over 20,000 employees, supports Electrify America’s California Zero Emission Vehicle Investment Plan and strongly urges CARB to approve it as soon as possible.” *Cameron Funk, Director of Business Development*

San Joaquin Valley Electric Vehicle Partnership

“We write today to express support for the Supplement Plan to the California ZEV Investment Plan Cycle 1 (Supplement). . . It is important to note we expect there will be significant electric vehicle market development impacts to other regions of the Central Valley. With an investment expected to rise above \$1 Million, it will provide a solid base from which we can grow the market.” *Bill Williams, Chair*

City of San Jose

“We urge the California Air Resources Board to approve Electrify America’s Cycle 1 CA ZEV Investment Plan, including it’s June 29, 2017 Supplement, and allow it to begin implementing that plan.” *Kevin O’Connor, Assistant Director of Transportation*

City of Carson

“The ZEV investment in the City of Carson would greatly assist the City in reaching our Zero Energy, sustainability and GHG reduction goals, setting a positive regional example that disadvantaged communities can improve the environment.” *Kenneth Farfsing, City Manager*

Environmental Council of Sacramento

“The Environmental Council of Sacramento continues to support the decision by Electrify America to choose Sacramento as the host for the Green City.” *Ralph Propper, Co-Chair of Transportation, Air Quality and Climate Change*

Adopt-a-Charger

“There has been a tremendous amount of engagement between stakeholders and VW. By providing appropriate oversight on the settlement, and fostering transparency, CARB can maximize the potential of this opportunity to support current PEV drivers and stimulate future sales.” *Kitty Adams, Executive Director*

Sacramento Municipal Utility District

“We’re eager to roll up our sleeves and work with the City’s partners and Electrify America to support the investment plan and demonstrate how clean energy, clean transportation, and forward-looking city planning can come together to transform petroleum-dependent cities into smart low-carbon cities of the future.” *Bill Slaton, President and Arlen Orchard, CEO*

FAST LA

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Hilary Norton, Executive Director*

Los Angeles Cleantech Incubator

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Mike Swords, VP Government Relations*

LA n Sync

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Ellah Ronen*

The Playa Group

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Duane Miller*

Trust for Public Land

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Fernando Cazerias, California Manager*

TRUST South LA

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Oscar Monge*

City of San Diego

“The City encourages CARB to take opportunities such as the Electrify America investments to close this funding gap and ensure all cities in California are afforded the opportunity to see improvements in environmental quality and economic prosperity through climate change-related projects.” *Cody Hooven, Chief Sustainability Officer*

Southern California Association of Governments

“On behalf of the Southern California Association of Governments (SCAG), I would like to express our support for Electrify America’s first 30-month zero emission vehicle (ZEV) Investment Plan for electric vehicle charging investment, with approximately \$23-\$25 million in the SCAG Region.” *Hasan Ikhata, Executive Director*

Climate Resolve

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Bryn Lindbald, Associate Director*

County of Los Angeles

“I urge your support for the implementation of the revised Electrify America ZEV Investment Plan.” *Rick Teebay*

SacEV

“The Sacramento area has a unique, substantial and active history of cooperative efforts between governmental, public, and community groups in promoting community interests in health. The Green City award would allow that history to become a future with a major impact on improving community health and wellness, and extend to broader regions.” *George Parrott, President*

LA County Board of Supervisors

“I strongly urge the California Air Resources Board to approve Volkswagen’s *Electrify America* plan to fund environmentally-friendly infrastructure, services, and education to disadvantaged communities, particularly in the County of Los Angeles.” *Mark Ridley-Thomas, Chairman*

Los Angeles County Metropolitan Transportation Authority

“We urge your immediate support and implementation of the first Electrify America ZEV Investment Plan.” *Cris Liban, Executive Officer of Environmental Compliance and Sustainability*

Los Angeles Department of Water and Power

“We look forward to seeing the successful implementation of the projects that are created through this opportunity and the benefits it provides to the grid and EV industry at large.” *Marvin Moon, Director of Power Engineering*