



April 6, 2017
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Mary D. Nichols, Chair
California Air Resources Board
1011 I Street, P.O. Box 2415
Sacramento, CA 95813

SMUD'S SUPPORT COMMENTS ON VOLKSWAGEN'S ZERO EMISSION VEHICLE INVESTMENT PLAN

Dear Chair Nichols:

SMUD strongly supports Volkswagen's (VW) California Zero Emission Vehicle Investment Plan and selection of Sacramento as the first Green City. As the capital of California, the City of Sacramento is an ideal size and location for VW's plan to succeed and is the logical choice to create a model city for clean energy and clean transportation that can be used to inspire other cities to action. The City of Sacramento has assembled an impressive team of partners and stakeholders committed to the vision of advancing the expansion of electric transportation in our region and beyond.

SMUD is a recognized national leader in transportation electrification activities, with our support for electric transportation dating back to 1990. We welcome the opportunity to work with VW and other regional stakeholders to reduce petroleum usage and transportation related emissions by accelerating the deployment of electric transportation solutions into our community. As you are well aware, displacing fossil fuels in the transportation sector is a crucial strategy to improve air quality and reduce greenhouse gas emissions.

SMUD has an extensive history of working with the City of Sacramento and other stakeholders, including automakers, to deliver successful, innovative, and nationally acknowledged electric transportation projects in our community. We have worked with General Motors, Ford, Daimler, Toyota, Nissan, and Chrysler in promoting clean transportation solutions, and we are currently investing approximately \$5.2 million per year in transportation electrification activities in our community. This includes our residential "Free charging for two years" program for electric vehicle buyers, a new workplace and multi-family charger program, an expanding public DC Fast Charger program, and additional support for two Sacramento Metropolitan Air Quality Management District projects that have CARB funding (the EV Share Car Project and the Electric School Bus Demonstration effort). Public outreach and education on the benefits of electric transportation have been high on SMUD's agenda and promoted through workshops, customer communications, and print, radio, and television campaigns. In addition to those listed activities, we are also pursuing EV-specific research including medium and heavy duty electric vehicle market assessments,

managed charging, fleet electrification assessment tool evaluation, off-road vehicle fuel switching (truck refrigeration unit electrification), and measurement and evaluation.

SMUD's long-standing and future focused support for transportation electrification clearly demonstrates our commitment to developing Sacramento into an EV-ready city. We are eager to roll up our sleeves and work with the City's partners and VW through the Green City program to transform transportation infrastructure for the Sacramento region. Working together, we bring the expertise and capability to deliver transformational solutions that can serve as a model for the region, state, and nation. We have the experience, expertise, and more importantly, the collective will to create a real success story for Sacramento, California, and beyond.

With a business strategy which includes the installation of SMUD-owned public electric vehicle charging infrastructure, we view VW's plans as complementary to and supportive of our efforts. SMUD has installed much of the vehicle charging electrical backbone in the region and operates its own DC Fast Chargers at six sites in Sacramento County. We recently initiated additional workplace and DC Fast Charging incentive programs and we firmly believe additional charging infrastructure installed by VW will spur increased electric vehicle adoption in our community. To support the Governor's executive order to deploy upwards of 1.5 million electric vehicles by 2025, the state needs as much charging infrastructure as it can get. Currently, based on analysis performed by the California Electric Transportation Coalition, a shortage of charging is projected despite state investment (through AB8-AB118), utility investment, planned Electrify America investment, and private sector investment.

SMUD's national leadership in advancing renewable energy, smart grid integration, electric transportation, and innovative, technology driven customer programs, along with the City of Sacramento's Smart City and sustainability efforts, will complement and create synergies with the VW Green City effort. Collectively, we will showcase Sacramento as a model city for greenhouse gas reduction and demonstrate how clean energy, clean transportation, and forward looking City planning come together to exemplify the low carbon city of the future.

We respectfully thank you for your consideration of Sacramento for the Green City designation.

Sincerely,



Bill Slaton
President
Board of Directors



Arlen Orchard
Chief Executive Officer &
General Manager

cc: Edmund G. Brown Jr., Governor
Kevin de León, Senate President Pro Tempore
Anthony Rendon, Assembly Speaker
Doris Matsui, Congresswoman
Richard Pan, Senator
Kevin McCarty, Assemblymember
Jim Cooper, Assemblymember
ARB Board Members
Darrell Steinberg, Mayor of the City of Sacramento
Electrify America
SMUD Board of Directors