

## MEMO

To: California Energy Commission

From: Robert Garzee & Jim Robbins

**Silicon Valley Clean Cities Coalition**

**Solar Fueling of Electric Vehicles**

Date: February 21, 2009

Re: Response to AB118 Public Hearing in San Jose

**DOCKET**

**08-ALT-1**

DATE FEB 21 2009

RECD. FEB 23 2009

The plans for **Solar Fueling of Multiple Categories of Electric Vehicles Demonstration Project** were presented at the recent public hearing in San Jose on Feb. 11, 2009. This memo is to provide a document for the public record of our intent to propose such AB118 demonstration project.

**Mission:** To develop a demonstration of categories of Fleet Electric Vehicles that can be fueled by Solar Energy for Fleets to understand the “Zero Emission to Zero Emission” solution. This includes Patrol, Industrial, Meter Reader, Neighborhood, Light Duty Vehicles and the Solar Parking Covers to provide the Energy for Fueling these vehicles.

**Team:** Silicon Valley Clean Cities Coalition, AAraya Group, Synergy, ELV, Silicon Valley Edition, Columbia Par Car, and other members of the Transportation Center of Excellence: Vehicle Categories include:

### AAraya Solutions

- Turnkey packages of Solar Systems & Electric Vehicles



PATROL  
(Bikes and ATVs)



LIGHT  
INDUSTRIAL



CITY/STATION  
CARS



METER  
READERS



PHEV





ALL ZERO EMISSION

Solar Fueled Fleet Demo, continued

Solar Fueled Fleet Demo would cost between \$250,000 & \$600,000 depending on the number of vehicles and could be accomplished within one year. A Municipal Fleet partner would be included.

A financing option would be included in the solution so Fleets could implement their “Zero Emission to Zero Emission” project and spread the cost over 3, 5 or 7 years.

Silicon Valley Clean Cities Coalition

## **SOLAR FUELING Plus EV'S**

- **EXAMPLE:** Fleets to be provided with Solar Electric Systems and a varied stable of Electric Vehicles
- Strong support from DOE Clean Cities Coalitions and Center of Excellence team.
- Zero Emissions, Zero Fuel Costs, Zero Imported Oil, Economically Viable- TODAY
- \$200,000,000 of ORDER FINANCING: Solar & Vehicles

Solar Fueling of Electric Vehicles combines two Silicon Valley key technologies: BATTERY and SOLAR. We have the expertise required on the team.

Solar Fueling, continued

### Teaming Philosophy:

The *Transportation Center of Excellence* shows our philosophy of teaming on the *Solar Fueling of Electric Vehicle* project. Silicon Valley Clean Cities Coalition highly recommends this project of “Zero Emission Fueling Zero Emission.”

